



# 2024 Fair Book

## July 27-Aug 4



JEFFERSON COUNTY

COLORADO STATE UNIVERSITY  
EXTENSION



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All locations listed on the 2024 Jeffco 4-H Fair Schedule are detailed on page 18.

**CSU Extension, Jefferson County**  
**15200 W. 6<sup>th</sup>. Ave., Unit C**  
**Golden, CO 80401**  
**(303) 271-6620**



**JEFFERSON COUNTY**  
**COLORADO STATE UNIVERSITY**  
**EXTENSION**

## 2024 4-H General Schedule of Events

(Schedule subject to change – Updated 3.1.24)

Time	Saturday, February 24	Location
9:00 am	Creative Cooks Regional Contest	Adams Co Riverdale Regional Park

Time	Saturday, April 6	Location
10:00 am	Cake Decorating Regional Contest	Boulder Co Fairgrounds

Time	Saturday, April 13	Location
9:00 am	Speech and Demonstration Regional Contest Includes Horse Prepared/Demonstrations, Prepared, Impromptu, Interpretive Reading or Poetry, Demonstration/Illustrated Talk, 4-H Pledge and Show & Tell (limited to specific age groups.)	CSU Spur

Time	Wednesday, May 1	Location
n/a	Project Add Deadline to compete at Fair (may still enter as exhibition only)	4HOnline
n/a	Animal ID Deadlines (outlined on pg 19)	4HOnline

Time	Wednesday, May 15	Location
n/a	Animal ID Deadlines (outlined on pg 19)	4HOnline

Time	Tuesday, June 4	Location
6:00 pm	Record Book 101 Workshop	ECMR

Time	Tuesday, July 2	Location
6:00pm	Fair Entry Help Night (Please contact Christine at any point for help, you don't need to wait for this event!)	ECMR

Time	Tuesday, July 9	Location
n/a	Fair Entry Closes for all Projects	Fair Entry
n/a	Members must indicate interview time preference	Fair Entry
n/a	Horse Leveling Deadline	Extension Office
n/a	Animal ID Deadlines (market rabbit and poultry)	4HOnline

Time	Saturday, July 13 – Friday, July 19	Location
	Any class(es) dropped between July 13-July 19 will have a \$5 administrative fee assessed	FairEntry

Time	Saturday, July 20	Location
	Any class(es) dropped starting this date will have a \$10 administrative fee assessed	FairEntry

Time	Sunday, September 1	Location
	Record Books due in Office for Completion	Extension Office

# 2024 4-H Shooting Sports Schedule of Events

(Schedule subject to change – Updated 2/09/24)

Time	Friday, May 31 – Shooting Sports Contest 1	Location
Noon	Air Rifle and Air Pistol	Thyne's Ranch
3:00 pm	.22 Rifle (2 pm check in and registration)	Thyne's Ranch

Time	Saturday, June 1 – Shooting Sports Contest 1	Location
9:00 am	Archery (plan to be present until 2pm)	Thyne's Ranch
4:00 pm	.22 Pistol	Thyne's Ranch

Time	Sunday, June 2 – Shooting Sports Contest 1	Location
TBD (late AM)	Rocket Fly Day	Thyne's Ranch
2:00 pm	Trap	Thyne's Ranch
5:00 pm	Muzzleloader	Thyne's Ranch

Time	Saturday or Sunday June 8/9 – Shooting Sports Contest 1	Location
11:00 am	Skeet	Colorado Clays
After skeet	Sporting Clays	Colorado Clays

Time	TBD	Location
TBD	Western Heritage	Thyne's Ranch

Time	TBD – Shooting Sports Contest 2	Location
11:00 am	Skeet	Colorado Clays
1:30pm	Sporting Clays	Colorado Clays

Time	Friday, July 19 – Shooting Sports Contest 2	Location
3:00 pm	Trap	Thyne's Ranch

Time	Saturday, July 20 – Shooting Sports Contest 2	Location
9:00 am	Archery	Thyne's Ranch
2:00 pm	.22 Pistol	Thyne's Ranch
4:00 pm	Muzzleloader	Thyne's Ranch

Time	Sunday, July 21 – Shooting Sports Contest 2	Location
TBD (late AM)	Rocket Fly Day	Thyne's Ranch
Noon	Air Rifle and Air Pistol	Thyne's Ranch
3:00 pm	.22 Rifle (Check in at 2 pm)	Thyne's Ranch

The Colorado 4-H State Shooting Sports Championships will be:

- TBD

## **Shooting Sports Contest Locations**

**Thyne's Ranch:** 19271 CO Hwy 8, Morrison, CO 80465

**Colorado Clays:** 13600 Lanewood St, Brighton, CO 80603

# 2024 Jeffco 4-H Fair Schedule of Events

(Schedule subject to change – Updated 3.1.24)

*All show times are subject to change*

Time	Saturday, July 27	Location
9:00 am	Interview Judging Day	Exhibit Halls
During Interviews	Horse Written Tests	Exhibit Halls

Time	Sunday, July 28	Location
8:30 am	Horse Show – English and Western	Rodeo Arena
Noon-4:00 pm	Horse Show – Trail Class	Silver Spur
3:00 pm	Fashion Revue and Performing Arts Judging	Exhibit Halls
5:00-8:30 pm	Fair Kick-Off Celebration 5:00pm Potluck begins 6:00pm Fashion Revue and Performing Arts Show Shooting Sports Contest Results Grand Opening of Exhibit Halls 7-8:30pm County Council 4-H Dance	Exhibit Halls

Time	Monday, July 29	Location
9:00 am	Exhibit Halls Open for Exhibit Viewing	Exhibit Halls
9:00 am	Horse Show – Gymkhana	Rodeo Arena

Time	Tuesday, July 30	Location
	No events scheduled	

Time	Wednesday, July 31	Location
4:00 pm	Mandatory Livestock Project Member Meeting	Event Center
	Youth Market Mandatory Meeting	Event Center
	Pizza Party hosted by Livestock Council (TBD)	Event Center
	Mandatory Event Center Barn Set-Up	Event Center

Time	Thursday, August 1	Location
8:00 am	Event Center Opens for Pen Set-Up	Event Center
8:30 am	Exhibit Halls Open for Exhibit Viewing	Exhibit Halls
8:30 am	Moore Farm Swine Check-In	Scale House
9:00-11:00 am	Livestock Weigh-In and Check-In	Scale House
11:30 am	Vet Check – All checked in animals need to be in place	Event Center
2:00 pm	Alpaca and Llama Show	Event Center
4:00 pm	Livestock Shows Alpaca and Llama Show – 2:00 pm start Utility Goat Show – anticipated 4:00 pm start Goat Show Fiber Lead Show Intermission Sheep Show – anticipated 6:30 pm start	Event Center
8:30 pm (appx)	Movie in the Barn	Event Center

Time	Friday, August 2	Location
By 7:00 am	Event Center Opens for Morning Chores and Feeding	Event Center
9:00 am	Exhibit Halls Open for Exhibit Viewing	Exhibit Halls
9:30 am	Small Animal Shows Rabbit and Cavy Check-In and Showmanship begins Poultry Check-In and Showmanship begins	Event Center
10:00 am	Ultrasounding for Carcass Contest (tentative)	Event Center
Mid-day	Pen Decorating Contest Judging	Event Center
TBD PM	Rabbit and Poultry Awards Rabbit and Poultry Release + Mandatory Barn Clean-Up	Event Center
5:00 pm	Livestock Shows Beef Show Yak Show Demonstration Intermission Swine Show – anticipated 7:00 pm start	Event Center

Time	Saturday, August 3	Location
By 7:00 am	Event Center Opens for Morning Chores and Feeding	Event Center
9:00 am	Exhibit Halls Open for Exhibit Viewing	Exhibit Halls
10:00 am	Dog Show Demonstration	Outside Event Center
11:00am	Fair Family Fun!! ( <i>All events will run back-to-back</i> ) Ag Olympics (be in the Event Center by 10:40am) Alumni and Leader Class Dress-an-Animal Parade Catch-an-Animal	Event Center
1:30-2:30 pm	Tie Dye	Outside Event Center
Noon	Youth Market Opens (at youth discretion)	Event Center
4:00 pm	JLEP BBQ Meal	Event Center
5:00 pm	Livestock Auction	Event Center
After auction	Youth Market Closes	Event Center

Time	Sunday, August 4	Location
By 7:00 am	Event Center Opens for Morning Chores and Feeding	Event Center
10:00 am	Round Robin	Event Center
1:00 pm	Livestock Awards and Ice Cream Social	Event Center
1:30 pm	Exhibits Released and Barn Clean-Up	Various

Time	Monday, August 5	Location
6:00 am	Load Market Animals onto Trailer Mandatory Market Animal Pen Clean-Up	Event Center

# 2024 Jeffco 4-H Fair Schedule of Events - Explained

Time	Saturday, July 29	Location
9:00 am	Interview Judging Day	Exhibit Halls
During interviews	Horse Written Tests	Exhibit Halls

## Interview Judging Day

In order to show at the Jeffco 4-H Fair, every member must complete an interview for each project they are registered to exhibit. As with all 4-H contests and shows, Jeffco 4-H members must sign up for their classes in FairEntry by the deadline for the year. Members specify their desired time range for an interview when registering for the fair and will be emailed their exact time(s) one week before interview judging day.

## Horse Written Tests

The purpose of the written tests is to test members on their knowledge bank of information on their species. Horse tests are used in the case of a tie during the horse show. The livestock test is optional again this year and will test your knowledge in all the species (poultry, rabbits, dairy, beef, swine, sheep and goats).

Time	Sunday, July 30	Location
8:30 am	Horse Show – English and Western	Rodeo Arena
Noon-4:00 pm	Horse Show – Trail Class	Silver Spur
3:00 pm	Fashion Revue and Performing Arts Judging	Exhibit Halls
5:00-8:30 pm	Fair Kick-Off Celebration 5:00pm Potluck begins 6:00pm Fashion Revue and Performing Arts Show Shooting Sports Contest Results Grand Opening of Exhibit Halls 7-8:30pm County Council 4-H Dance	Exhibit Halls

## Horse Show

Following Interview Day we start fair off strong with the first day of horses. The English and Western horse show will be running all day in the Rodeo Arena, whereas the Trail Class will be open from noon-4:00 pm in the Silver Spur Arena adjacent to the Event Center. Feel free to come on out to watch our horse members show off their long-tailed friends.

## Fashion Revue and Performing Arts Judging

Fashion Revue with 4-Her's means that just about everything in the fashion show has been handmade by their exhibitors, with the exception of Buymanship, which is when the member puts together a fashionable outfit to flaunt. The Fashion Revue contest is a chance for sewing members to model their projects from the past year! Performing Arts is open to all members and is a chance to show off your voice, instrumental, dance and other talents. We'll have a different format for judging this year as opposed to previous years – all participants need to be in the Exhibit Halls at 3pm for one-on-one judge interaction. Participants will return to show off during the Kick-Off Celebration.

## Fair Kick-Off Celebration

The kick-off is our way to say that the Jeffco 4-H Fair is underway! Join us between 5-6pm to share your potluck items and collect your plate. Please bring the following dishes based on first letter of your last name: A-L Main Dishes, M-R Desserts, S-Z Side Dishes. Please refrain from dishes that contain nuts due to nut allergies.

At 6pm we'll kick off our program, beginning with the Fashion Revue and Performing Arts show. We'll roll into Shooting Sports Contest results, and then the Exhibit Halls will open for the first view at how projects were placed and who was awarded the elusive Grand Champion titles.

Finally, from appx. 7-8:30pm, we'll have the 4-H dance! We hope you join us!



Time	Monday, July 31	Location
9:00 am	Exhibit Halls Open for Exhibit Viewing	Exhibit Halls
9:00 am	Horse Show – Gymkhana	Rodeo Arena

### Exhibit Halls

The Exhibit Halls will be open to view projects beginning at 9:00 am today. Every day the halls will close when other events wind down – so at approximately 1:00 pm today.

### Gymkhana

The gymkhana is when our horse members turn up the heat and test their horses’ speed. Beginning at 9:00 am we’ll run classes of barrel racing, pole bending, keyhole, figure 8, and the flag race. Following the conclusion of the formal events, which count for points, we’ll move into a series of “just for fun” events that are as much fun to compete in as they are to watch! Awards will be presented at the end of the day, including herdsman. Members are also encouraged to participate in the costume contest for riders and their mounts!

Time	Tuesday, August 1	Location
	No events scheduled	

Time	Wednesday, August 2	Location
4:00 pm	Mandatory Livestock Project Member Meeting	Event Center
	Youth Market Mandatory Meeting	Event Center
	Pizza Party hosted by Livestock Council (TBD)	Event Center
	Mandatory Event Center Barn Set-Up	Event Center

### Mandatory Livestock Project Member Meeting

This is the August Livestock Council meeting, as well as a meeting where JLEP will talk about different aspects of the Livestock Auction. Make sure you attend to learn about paperwork that must be completed and other important updates and reminders for the week. Livestock Council may be sponsoring a pizza party (TBD).

### Youth Market Mandatory Meeting

Plan to sell something in the Youth Market on Saturday? Be sure to attend this meeting in the Event Center to get all the information you need prior to the market. Curious what this is? See the section on the Youth Market on Saturday.

### Mandatory Event Center Barn Set-Up

As the barns start and end empty outside of Fair week, all animal members are expected to help with the set-up AND clean-up of the barn. Those pens – quite unfortunately – don’t set themselves up! You’ll also be able to put shavings into your assigned pens so that your space will be ready once your animals have been weighed/checked in. See full expectations in the section following the explained schedule.

Time	Thursday, August 3	Location
8:00 am	Event Center Opens for Pen Set-Up	Event Center
8:30 am	Exhibit Halls Open for Exhibit Viewing	Exhibit Halls
8:30 am	Moore Farm Swine Check-In	Scale House
9:00-11:00 am	Livestock Weigh-In and Check-In	Scale House
11:30 am	Vet Check – All checked in animals need to be in place	Event Center
2:00 pm	Alpaca and Llama Show	Event Center
4:00 pm	Livestock Shows Alpaca and Llama Show – 2:00 pm start	Event Center

	Utility Goat Show – anticipated 4:00 pm start Goat Show Fiber Lead Show Intermission Sheep Show – anticipated 6:30 pm start	
8:30 pm (appx)	Movie in the Barn	Event Center

### **Event Center Open for Pen Set-Up**

If you need to bring items in for your animals and pens, you may do so beginning at 8:00 am, but remember that animals can't be checked in until a little later.

### **Exhibit Halls**

The Exhibit Halls will be open to view projects beginning at 8:30 am until appx. 8:00 pm.

### **Livestock Weigh-In and Check-In**

We're moving back to only one time to bring in large animals (alpacas/llamas, beef, sheep, swine, and goats) for the week. If you need to make multiple trips due to shared trailer use, please coordinate directly with Josey. Trailers containing swine will be loaded in on the east side of the scale house (drive past the Event Center and circle around to the back so that you can back in closer). Swine trailers will also receive the priority to cross the scale first as swine are more heat sensitive and harder to tie up to the fence to wait their turn. All other livestock (breeding and market) should enter through the west end next to the large concrete loading ramp. All market animals need to pass through the scale house prior to entering the barn and all breeding animals must get a visual check (bring your animals just outside the scale house and have a superintendent or agent inspect them) prior to entering the barn. Don't forget that it's always fun to decorate your pens (judging will take place on Friday)!

### **Vet Check**

All incoming animals need to be in place in the barn prior to the vet check at 11:30 am so the vet can inspect them for any disease. If you are running late due to an animal not loading in the trailer, traffic, etc., please give us a heads-up call at 720-425-0844.

### **Livestock Shows:**

#### **Alpaca and Llama Show**

The Alpaca and Llama show will include a showmanship class, obstacle course and a pack class. All are welcome to attend and watch!

#### **Utility Goat (and Sheep) Show**

We'll jump right into the Utility Goat and Sheep Show following the Alpaca Pack Class. This is an amusing class to watch as goats progress through various challenges. There will be a short break after this class to put shavings down in the arena (youth in the barn will be asked to help).

#### **Goat Show**

The Goat Show will feature dairy and meat breeding classes, market goats, and showmanship.

#### **Fiber Lead Intermission**

This is a contest that celebrates the fiber industry as exhibitors must wear an outfit containing wool/fiber as they exhibit a fiber producing sheep, goat, llama or alpaca. Contestants are judged on their poise, outfit and the animal.

#### **Sheep Show**

The Sheep Show is anticipated to begin at 6:30 pm, and will include showmanship, breeding and market classes.

#### **Movie in the Barn**

Join for a family friendly film in the barn beginning at appx 8:30 pm (pending when shows conclude).

Time	Friday, August 4	Location
By 7:00 am	Event Center opens for morning chores and feeding	Event Center
9:00 am	Exhibit Halls Open for Exhibit Viewing	Exhibit Halls
9:30 am	Small Animal Shows Rabbit and Cavy Check-In and Showmanship begins Poultry Check-In and Showmanship begins	Event Center
10:00 am	Ultrasounding for Carcass Contest (tentative)	Event Center
Mid-day	Pen Decorating Contest Judging	Event Center
TBD PM	Rabbit and Poultry Awards Rabbit and Poultry Release + Mandatory Barn Clean-up	Event Center
5:00 pm	Livestock Shows Beef Show Yak Show Demonstration Intermission Swine Show – anticipated 7:00 pm start	Event Center

### **Event Center Opening**

The Event Center will be open by 7:00 am this morning for exhibitors to come do morning chores and feeding.

### **Exhibit Halls**

The Exhibit Halls will be open to view projects beginning at 9:00 am until appx. 8:00 pm.

### **Small Animal Shows**

The rabbit and poultry shows will be held concurrently in the Event Center. Check-in and showmanship will have assigned times to reduce the amount of time animals are sitting in cages waiting for their vet check. We will continue to monitor the Highly Pathogenic Avian Influenza situation as we move towards fair and will implement biosecurity protocols as appropriate. Following the conclusion of showmanship judging, we will move into the rest of judging.

### **Ultrasounding for Carcass Contest**

We will again be utilizing ultrasound for our Carcass Contest. All market animals can be scanned, but only animals going to processing with Jeffco will be entered in the contest. Non-processing animals can be scanned for \$10/head.

### **Pen Decorating Contest Judging**

All pens are encouraged to be decorated to add extra flair to the barn! Judging will happen inconspicuously in the middle of the day so that large and small animals can be judged. Sheep, goats and alpacas going home after their show the day before can leave pens decorated after check-out to be judged (but please remember to come back to finish cleaning up!).

### **Small Animal Awards**

Following the conclusion of judging, we'll announce small animal awards. Be sure to join us to be able to congratulate these exhibitors!

### **Rabbit and Poultry Release and Mandatory Barn Clean-Up**

Small animals are released following the conclusion of awards (any exhibitors wishing to keep animals overnight must inform the agent by July 9). All exhibitors are expected to help clean up the small animal area of the barn prior to leaving for the day.

### **Beef Show**

The beef show will kick off our Friday night! This show will include the traditional showmanship, breeding and market classes plus a commercial fun class.

### **Yak Show Demonstration**

Pending entries, we'll have a yak show demonstration as an intermission between beef and swine.

## Swine Show

We'll conclude the large animal livestock shows with the swine show. This show is expected to start around 7pm. Classes will include breeding, market and showmanship.

Time	Saturday, August 5	Location
By 7:00 am	Event Center Opens for Morning Chores and Feeding	Event Center
9:00 am	Exhibit Halls Open for Exhibit Viewing	Exhibit Halls
10:00 am	Dog Show Demonstration	Outside Event Center
11:00am	Fair Family Fun!! ( <i>All events will run back-to-back</i> ) Ag Olympics (be in the Event Center by 10:40am) Alumni and Leader Class Dress-an-Animal Parade Catch-an-Animal	Event Center
1:30-2:30 pm	Tie Dye	Outside Event Center
Noon	Youth Market Opens (at youth discretion)	Event Center
4:00 pm	JLEP BBQ Meal	Event Center
5:00 pm	Livestock Auction	Event Center
After auction	Youth Market Closes	Event Center

### Event Center Opening

The Event Center will be open by 7:00 am this morning for exhibitors to come do morning chores and feeding.

### Exhibit Halls

The Exhibit Halls will be open to view projects beginning at 9:00 am until appx. 9:00 pm.

### Fair Family Fun!!

This set of events will run back-to-back.

### Relay Race/Ag Olympics

This will be a fun activity to get you up and moving with your friends! All ages are welcome! The race may include items such as a water balloon toss, gunny sack race, blind folded obstacle and more! Be in the Event Center by 10:40 am to begin forming teams of 4 (must be at least 1 junior (10 and under) per team.

### Alumni and Leader Class

Are you a 4-H Alum or a current 4-H leader? Join us for a special adult show where alumni and leaders will go head-to-head in a special showmanship only show judged by leaders of the Jeffco 4-H Livestock Council. All adults will be paired with a youth's animal to be used for the show and no experience is needed! Members, we will be requesting volunteers that will allow us to use your animals (sign up at the Livestock Office in the Event Center). There will be a separate class for both leaders and alumni. Species TBD.

### Dress-an-Animal

This is the time for 4-H members to get creative and to dress your animal up however you'd like! We've seen dragon alpacas, tutu wearing turkeys and Minnie Mouse sheep before – what we'll see this year is up to you! Please sign up at the Livestock Office in the Event Center prior to the show.

### Catch-an-Animal

The catch-an-animal program is designed to offset the initial startup cost of getting involved in a market animal project as contest winners will be gifted a market swine, sheep, goat, turkey or rabbits at the beginning of the upcoming 4-H year. In order to win you'll have to be the quickest of the bunch to pull the ribbon off a loose sheep in the show ring! Sign up in advance at the Livestock Office in the Event Center. Non-4-H youth are welcome to participate but must enroll in Jefferson County 4-H the upcoming year.

## Youth Market

The Youth Market resembles a Farmer's Market and any Jeffco 4-H Youth is invited to market and sell homemade goods and items related to their 4-H projects. In the past earrings, baked goods, and alpaca fiber dryer balls have been offered for sale alongside unsold breeding and market animals. This year's market will have extended hours, with youth having the option to be open for business anytime beginning at noon. Youth will need to manage their own money (different from previous years) and sales. If interested, be sure to attend the mandatory informational meeting on Wednesday.

## JLEP Livestock Meal

The BBQ Dinner put on by JLEP is a wonderful time to mingle with other families and members of the community prior to the Livestock Auction. This event is open to everyone, with a cost of \$8/plate for ages 6+ and \$5/plate for ages 5 and under, unless you're a buyer at the auction. Checks should be made out to JLEP and can be dropped off at the Extension Office ahead of time or brought to Interview Judging Day. Funds raised will support the Catch-an-Animal program.

## Livestock Auction

Each youth in a market animal project has the opportunity to put one animal in the livestock auction. Market beef, swine, lamb, goats, rabbit and poultry will all be included for sale. This is a fantastic opportunity to get locally raised meat by a young producer you can chat directly with. Please invite family, friends and businesses, the auction is open to all, and prices are comparable to supermarket prices. Check out more info here:

<https://jeffco4hfair.square.site/info>.

Time	Sunday, August 6	Location
By 7:00 am	Event Center opens for morning chores and feeding	Event Center
10:00 am	Round Robin	Event Center
1:00 pm	Livestock Awards and Ice Cream Social	Event Center
1:30 pm	Exhibits Released and Barn Clean-Up	Various

## Event Center Opening

The Event Center will be open by 7:00 am this morning for exhibitors to come do morning chores and feeding.

## Round Robin

The top showman of each species (horse, poultry, rabbit, alpaca/llama, sheep, goat, swine and beef) will all show against each other for the title of the Jefferson County 4-H Best Showman! Each member will be judged showing each species, but only one champion will be named!

## Livestock Awards and Ice Cream Social

We'll announce the top awards of the week at the Ice Cream Social, including Round Robin and Herdsman.

## Exhibits Released and Barn Clean-Up

Whoof! If you've made it to the end of this description, you'll know how tired all of our participants will be at the end of the week! This is when animals will be dismissed and the cleaning up of the Event Center will begin. Additional help will be requested on Monday morning to finish taking down pens and cleaning up the barn (see section below).

Beginning at 1:30 pm the Exhibit Halls will be open for project pick-up. All State Fair qualifying projects will remain in the Exhibit Halls for transportation to State Fair – if you'd like to alter your project prior to then, please directly communicate with Diana. Remember, state qualifying cakes need to be decorated again before State Fair and dropped off in the Extension Office (deadline TBA). Diana will be in the Exhibit Halls to answer any exhibit related questions you may have.

Time	Monday, August 7	Location
6:00 am	Load market animals onto trailer Mandatory market animal pen clean-up	Event Center

### **Load Market Animals and Pen Clean-Up**

Due to our fair concluding on a Sunday and being unable to take animals to the processor until the next day, market hogs, lambs and goats remain in the Event Center overnight. We need help beginning at 6:00 am to load the animals on the trailer and to finish taking down pens Monday morning. Market animal members are expected to help. If schedules allow, we'll often go out for breakfast afterwards – the best way to close out a great week!

## **Event Center Set-Up and Clean-Up Expectations**

### **Fair Set-Up:**

- Observe condition of Jeffco Fairgrounds before we set up - this is how things should look at the end of fair!
- Everyone is expected to help with setup of the barn
- Consult with superintendents/agents on proper set-up of pens/equipment. Pens in the Event Center have a specific way of going together!
- Tables and pens for the small animals need to be brought up from the trailer in the yard, then set up with pens in assigned area
- The sound system needs to be assembled
- Deliver shavings to pens as assigned
  - Beef pens are not assigned
  - No personal locks are allowed on outside pens
- All tack pens are to be shared. As the week progresses and animals leave after shows you can spread tack out to additional pens
- And other items as assigned

### **During Fair:**

- Put your animals in assigned pens
- Be sure animals are fed and watered at least twice daily
- Keep pens clean - we need to make a good impression for anyone visiting us
- Only put tack in designated areas - you will need to share
- Be prepared to help out with staging animals for shows, round robin, catch-an-animal, BBQ setup/takedown, auction setup/takedown, youth market setup/takedown
- Keep your pen/tie area and surrounding area clean
- Be gracious showmen - no one cares for sore losers or bragging winners. Refresh yourself on the Code of Conduct
- Empty trashes, sweep floors, etc as needed
- Fitting chutes, blowers, etc need to be set up outside by power outlets by the power poles - the outlets inside cannot handle the extra power that blowers require
  - Clean up as you go - please pick up fiber/hair that you shear/trim off
- And other items as assigned

## **Barn Clean Up:**

### *Inside of the Event Center - Sunday:*

- Everyone needs to help, even if your animals were only at the Fairgrounds for one day!
- All trash in the barn needs to be thrown away, including on and under the bleachers. All trash needs to be put in the dumpsters outside the barn. Once trash cans are emptied, bring the cans to the front of the Event Center and flip them upside down.
- All shavings, wool, hair, hay, etc needs to be moved away from the arena walls
- Shavings need to be swept into the piles in the middle of the arena (need to be piled in rows away from the walls so that a skidsteer can scoop it up). There should be nothing but dirt in all other areas (there can't be anything left in the dirt when Fairgrounds works the arena to make it safe for the horses that will use it.)
- Restrooms should be swept and clean. Garbages empty.
- Behind the bucking chutes needs to be cleaned up. There should be no hay or shavings loose in the gravel. There should be no trash, pillows, bales of shavings or bags of feed back there.
- Clean up/load-out animals
- Help move equipment back to the storage trailer/yard
- Disassemble sound system, wipe down equipment and return to the ECMR
- Disassemble all livestock pens. The white Jeffco pens should be stacked against the fence by size – keep them neat so that forks can pick them up. The green pens should be put neatly on the racks they came in by size.
- Dismantle the Show Ring and stack panels neatly against the fence.
- Return the barn to the condition it was in when we did barn set up
- NOTE: Be sure to pack out ALL of your large items prior to clean up time – you are expected to help with general clean up during the assigned time, not your own items!
- And other items as needed.

### *Outside of the Event Center - Sunday:*

- Check for trash/debris/manure around barns, arenas, fitting areas, wash rack, walkways, etc and pick up
- Remove all hoses and accessories from wash rack
- Clean manure and large chunks of feed from outside cattle pens
- All feed and water troughs and buckets that remain in the pens need to be emptied out and turned upside down
- All gates for pens and alleys should be shut. If there is a lock that can be locked, lock it once the pen is clean.
- Parking lot clean/free of debris, manure
- The hose that leads to the outside cattle pens needs to be nicely coiled up.
- And any other items as needed.

### *Inside the Event Center - Monday morning:*

- If used, the hog waterer needs to finish being taken apart and brought down to the semi-trailer
- The pig mover needs to be taken back to the scale house
- Move remaining shavings into a tidy row
- Disassemble pens to existing stacks of panels
- Clean any remaining areas that were not done on Sunday
- Return barn to condition it was in when we did barn set up

Working together will make the job quick and easy. Thanks in advance for your help!



## 4-H Dress Code, 4-H Code of Conduct, and 4-H Sportsmanship Guidelines

The Colorado 4-H Dress Code, the 4-H Code of Conduct, and the 4-H Sportsmanship Guidelines will be enforced at all Jefferson County Fair and Colorado State Fair events by 4-H Leaders and Agents. Members who are not in compliance will be asked to correct the issues in a timely manner. If the problem is not corrected, the youth may be disqualified at the Agents' discretion.

Please Note: 4-H Activities and events will follow CSU and CSU Extension policy regarding use of alcohol and/or marijuana products and devices. The Colorado 4-H Youth Development Program has no tolerance for the possession or use of alcohol or other illegal drugs at youth events. 4-H prohibits the unlawful distribution, dispensation, possession, or use of controlled substances, illegal drugs, and alcohol by youth or adults. [http://www.colorado4h.org/policy/alcohol\\_handbook.pdf](http://www.colorado4h.org/policy/alcohol_handbook.pdf)

**All exhibitors, members, leaders, parents, family, visitors, spectators and other attendees are expected to follow the 4-H Code of Conduct, Dress Code and Sportsmanship Guidelines at all times. Failure to do so may result in lost opportunities for individuals or everyone in the future.**

### Dress Code:

The Dress Code is designed to promote safety and inclusion for all. Clothing worn by participants should be neat, clean and practical for the activity occurring. When participating in this event, youth and adults are representing themselves and their organization. Shirts/sweaters/hoodies/etc should be free of any reference to: drugs, alcohol, sex, profanity, violence and political affiliation. All outer clothing must cover undergarments. Pants/shorts/skirts should be long enough to ensure safety and comfort in the activity occurring. Footwear should be practical and reflect the activity occurring. Closed-toe shoes are a necessary precaution for specific activities and will be required during those activities.

### 4-H Code of Conduct:

#### COLORADO 4-H CODE OF CONDUCT

4-H members, leaders, parents, and other adults participating in 4-H programs will:

- Adhere to program rules, curfews, dress codes, policies, and rules of the facility being used.
- Conduct themselves in a courteous, respectful manner, use appropriate language, exhibit good sportsmanship, and act as positive role models.
- Abstain from illegal behaviors, use of alcohol, marijuana, illegal or illicit drugs, and tobacco including e-cigarettes and vaping device during 4-H events and activities.
- Fully participate in scheduled activities.
- Respect other's property and privacy rights.
- Respect the rights and authority of parents, leaders and Extension Agents.
- Abstain from abuse (physical and/or verbal) and harassment.
- Accept personal responsibility for behavior including any financial damage.
- Be responsible for any financial damage caused by inappropriate behavior.
- Adhere to principles and rules of safety.

Consequences for violating any part of this code of conduct may include, but are not limited to: removal from participation in the event in which the code of conduct has been violated at the individual's expense; sanctions on participating in future 4-H events; forfeiture of financial support for the event; removal from offices held, etc.

Behavior outside of 4-H activities can affect member in good standing or volunteer in good standing status. It is the responsibility of all program participants to reinforce the code of conduct and to report any violations or concerns to 4-H leadership.



# Front Range “Challenge to Policies and Procedures Regarding 4-H Events and Activities” Procedure

This procedure is meant to be a general guideline and is not intended to be binding nor confer specific rights upon the parties. Undertaking this process should only be considered if all other possibilities for a solution have been exhausted.

## Prevention of Disputes

Colorado CSU Extension personnel will do everything possible to prevent, mitigate and dispel causes for challenges to policies and procedures regarding 4-H events and activities.

Expectations for behavior are provided for adult volunteers and members for 4-H events.

Code of Conduct (state and/or county) is publicized at least twice a year.

Extension agents listen to and seek to resolve concerns of 4-H members and volunteers as quickly as possible.

## When is a challenge granted?

1. When a 4-H member or volunteer have experienced a situation/incident where established policies and procedures have not been followed or do not exist,

**and**

2. When such a concern has been shared verbally with an Extension agent directly involved who has neglected to act on it.

3. A challenge may be allowed when an incident/situation is serious enough to warrant concern over safety, participation or equal access to opportunities.

## When a challenge is not granted:

1. Judges' decisions for 4-H contests cannot be challenged.

2. Once awards have been presented at a 4-H activity, the contest results cannot be challenged.

3. When advisory suggestions made to Extension personnel are not implemented.

## Steps and Procedures for a Challenge

1. A challenge must be filed within 48 hours (2 business days) of the incident.

2. The challenge must be filed in writing on the Challenge Form with the Extension agent responsible for the activity where the incident/situation occurred.

3. The challenge is accompanied by the required fee (unless exempt) in cash.

4. A face-to-face dialogue will be conducted by the Extension staff in charge of the event where the alleged violation has occurred. Parties involved in this meeting may include but are not limited to:

- a. All volunteers and 4-H members involved in the incident/situation
- b. The County Extension Director
- c. The Regional Extension Director
- d. Any witnesses to the incident/situation who are not directly involved in a Colorado Extension program
- e. A committee of three to five members of the county's 4-H Policy Committee

5. A final decision will be made after consultation with appropriate parties outlined in #4 and the party/ies who have filed the Challenge will receive the result in writing not more than seven days after the decision has been made. The Extension agent responsible for the activity will author the written documentation where the incident/situation occurred with the approval of their immediate supervisor.

## Fee

1. A cash fee of \$100 must accompany the 4-H Challenge Form. Access to this procedure will not be denied to anyone who cannot afford the \$100 fee.

The fee is refundable if the Challenge is resolved in favor of the complainant.

# Jefferson County 4-H General Fair Information

## Add/Drop Deadlines

All projects must be added by May 1, 2024 to be eligible to compete at the 2024 Jeffco 4-H Fair.

**Dropped Class Fee** - Any classes that are dropped the first couple days after Fair Entry deadline (July 10-12, 2024) may be dropped free of charge. From July 13-19, a \$5 administrative fee will be assessed per dropped class. Beginning July 20 any dropped class will have a \$10 administrative fee assessed.

While we recognize that FFA and 4-H are different organizations, throughout this book, the use of “4-H” will imply the inclusion of FFA.

## FairEntry

FairEntry is the online system to track 4-H projects for the county and state fairs. **ALL** projects AND record books must be recorded in the online FairEntry system. FairEntry will open on **June 1, 2024 and will close on July 9, 2024.**

In the Record book Department you will be asked to choose your Project Division and then choose your class. There are three Class options:

1. Annual Project Completion Only – Record book (and any other required materials) is turned in to the 4-H Office by September 1, 2024. This project will not compete in Fair and no interview is required.
2. Fair Competition – Record book (and any other required materials) is turned in during the required interview judging on July 27, 2024.
3. Incomplete Project – This project needs to be dropped and a fee will be assessed according to the dates outlined above under “Dropped Class Fee”.

All members are required to complete one project per 4-H year; this may be achieved by following either the “Annual Project Completion Only” path or by “Fair Competition.”

The Jefferson County 4-H Office will be hosting a Fair Entry help session to help all members register successfully for Fair! This will be offered on:

- Tuesday, July 2, 2024, from 6:00 pm-8:00 pm
- *Please reach out at any time with questions!*

## Absentee Judging

Any members that will not be present for Interview Judging but would still like to compete with their project should contact the 4-H Office ([jpukrop@jeffco.us](mailto:jpukrop@jeffco.us)) for more information and an Absentee Judging form.

## **ALL LIVESTOCK and SMALL ANIMAL MEMBERS AND FAMILIES ARE EXPECTED TO:**

- 1. HELP SET UP THE EVENT CENTER**
- 2. HELP CLEAN UP THE EVENT CENTER**

Refer to the schedule for set up and clean up times. Families and members will be assigned duties as needed.

As animals no longer need to stay for the entirety of fair week, you now must check out with either the superintendent or the agent. All animals should have clean, fresh water while they are on the fairgrounds, be fed twice a day and have a clean stall.

**BOTH SET-UP AND TAKE-DOWN ARE MANDATORY FOR ALL MEMBERS TO ASSIST WITH. THIS IS A TEAM EFFORT.**

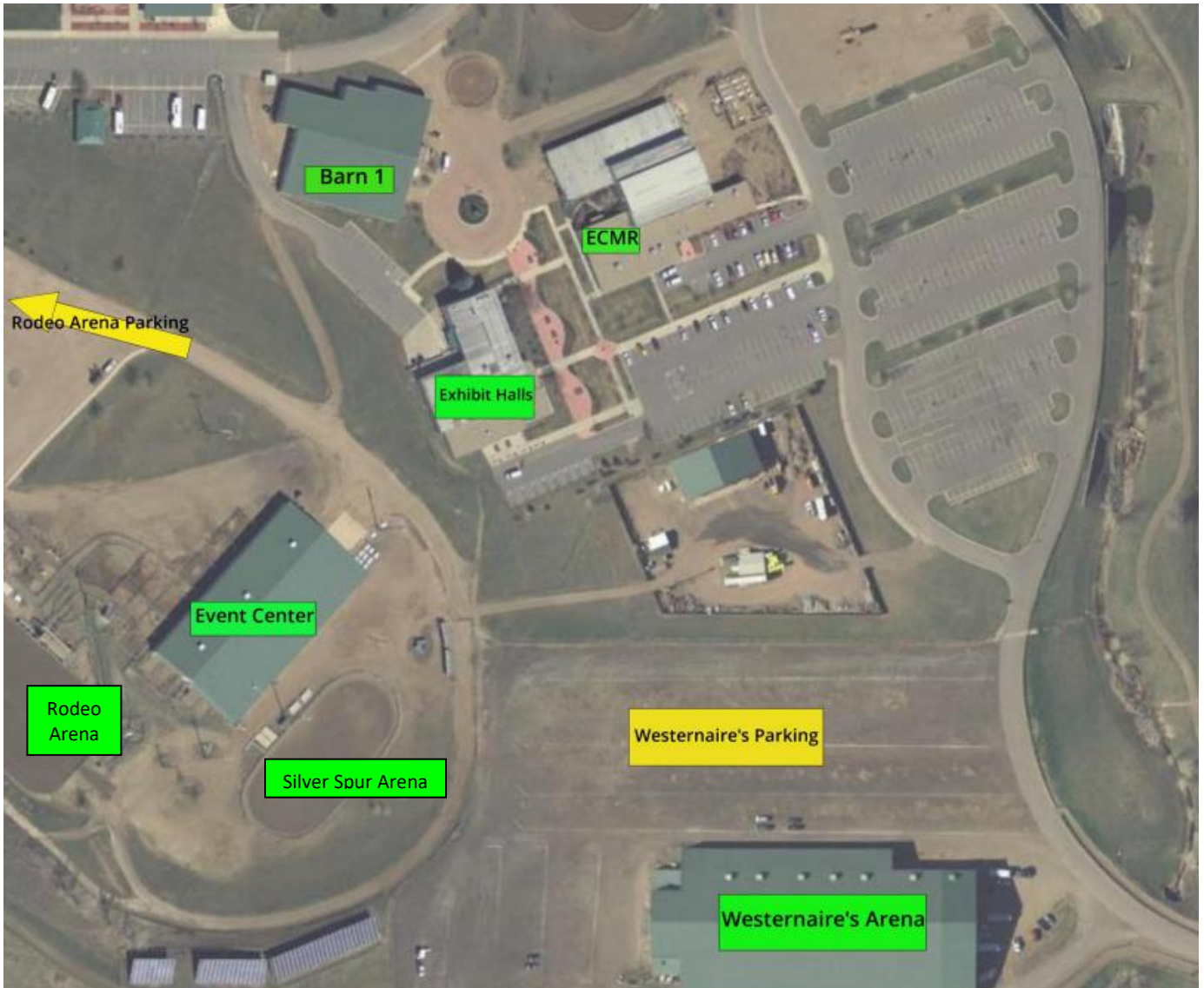
# Locations used for Jeffco 4-H Contests and Fair

## Shooting Sports Contests

Thyne's Ranch: 19271 CO Hwy 8, Morrison, CO 80465

Colorado Clays: 13600 Lanewood St, Brighton, CO 80603

## Fairgrounds Locations:



# LIVESTOCK

Chief Superintendent: Glenn Sanger

## ANIMAL POSSESSION AND IDENTIFICATION DEADLINES

All animals must be identified in 4HOnline by the date specified in order to be eligible to be shown at fair.

Animal	Possession Date	4HOnline ID Date
Beef	Feb 1	May 1
Prospect Beef	May 15	May 15
Horse	May 1	May 1
Dog	May 1	May 1
Llamas and Alpacas	May 1	May 1
Swine	May 1	May 1
Sheep	May 1	May 1
Goats	May 1	May 1
Cavy (Guinea Pigs)	May 1	May 1
Market poultry	June 15	July 9
All other poultry	May 1	May 1
Market rabbits	June 15	July 9
All other rabbits	May 1	May 1

\*Please note the Extension Office may not be open on these deadlines – it is your responsibility to plan ahead and ask questions early!

\*\*If you are a NWSS Catch-A-Calf participant, please coordinate with the Extension Office.

## LIVESTOCK RULES & REGULATIONS

1. All 4-H members must show at the Jefferson County Fair in order to be eligible to show at the Colorado State Fair.
2. A junior livestock show exhibitor that enters, shows, or sells any species of livestock in any junior livestock show division at another county's fair, during the same calendar year, is NOT ELIGIBLE to enter, show or sell in the junior livestock auction or Youth Market of the Jeffco Fair. Open classes at other county fairs are acceptable.
3. Procedures for checking in livestock exhibits:
  - a. All large animal exhibitors check in at the scale right outside the Jeffco Event Center. All poultry, rabbits and other small animal exhibitors check in inside the Event Center.

- b. Unload and weigh market class. All market animals will be weighed only once on Entry Day. No re-weighing will be permitted. Weigh-in must be completed according to the Fair schedule list. All animals will be checked by a veterinarian and will only be permitted to stay on site after being cleared by the vet and superintendent. Any animal deemed unhealthy, unmanageable or unsafe to exhibit will be released and removed from the Fairgrounds. Any animals with questionable health during check in will be kept in an outside pen until a vet can inspect them. The animal will be ineligible to show or sell if removed from the Fairgrounds.
- c. All market beef must have bill of sale/brand inspection with them at Fair weigh-in. It is recommended that livestock exhibitors have proof of ownership at all times.

4. No entry fee will be charged. However, livestock exhibitors are expected to furnish shavings, feed and care for their animals. The Livestock Superintendent will hold each exhibitor responsible for the condition of his/her stall or place. ALL STALLS, PENS, TIE AREAS, ETC. MUST BE CLEANED BY 9:00 A.M. EACH DAY OF THE FAIR. THIS INCLUDES THE TIME PERIOD BETWEEN THE SALE AND MARKET LIVESTOCK RELEASE! Superintendent, 4-H leaders and 4-H members have the responsibility to check stalls, pens and tie areas each morning. If said stalls, pens, ties and surrounding areas are not cleaned the exhibitor and parents will be notified and given one warning. If the occurrence happens a second time, the exhibitor will be disqualified from further competition in that division and the sale. The exhibits will be released and removed from the Fairgrounds.
5. All Beef, Lamb, Swine, Goat and Rabbits must be ear tagged and/or tattooed and all Market Beef, Lamb and Goat animals must weighed at a time and place designated by the Extension Office. All exhibitors must have proof of ownership of their project animals by the respective weigh-in date for each species. Stock not receiving an ear tag will not be allowed to show or sell at the fair. All market livestock must be weighed across the designated scales for each species, on the designated weigh day. Any animal not at the designated weigh-in date in the spring has a 10-day grace period to be ear tagged and will be ineligible for the rate of gain competition.

- a. All animals should be tagged and/or by animal check in
    - i. Tattoos only are sufficient for Dairy goats
  - b. Swine must have ear tags in by May 1
6. For proof of ownership deadlines, see various species rules.
7. Showmanship is a required class for all Jeffco 4-H exhibitors in each species they are registered in.
8.
  - a. Members must sign up for an interview by fair enrollment deadline. Interviews will take place on Saturday, July 27, 2024.
  - b. Record books of all 4-H livestock exhibitors must be completed and turned in at the time of Interview Judging in order to show at Jeffco 4-H Fair. Any conflicts must be worked out with the Agent prior to the interview day. Record books not turned in at or before Interview Judging will not be judged.
9. The Jefferson County Extension agent reserves the right to cancel or combine any class or classes because of lack of entries. In the case of a single entry, there will be no champion awarded in species designations unless the animal receives a blue ribbon designation by the Danish system (if applicable) in Market and Breeding classes.
10. The project member should be doing their own fitting of the project animal. If a junior member needs assistance, for safety reasons, the parent, another member or another leader may provide assistance. It is recommended that another member be the first choice for assistance to a junior member. Senior members must do all of the cleaning, grooming, fitting and showing of their livestock animal at the show.
11. Junior livestock show exhibitors are responsible for showing their own livestock in ALL classes they have entered. If they cannot be present during the judging because of sickness, injury or special circumstances their livestock may be shown by another 4-H member with special permission to be granted by the Extension Agent, on a case by case review. Exceptions are made for any member that is exhibiting more than one animal in a class; all efforts should be made to have another Jeffco 4-H youth show the extra animal(s). The owner must show one of his/her animals in the class.
12. Judging of exhibits will take place at times as shown in the "Schedule of Events."
13. You will be required to show your own animal when you enter the showmanship contest. An animal can be shown in only one showmanship contest within its division – For example: If the animal was shown in the Junior Showmanship Class, it cannot be shown again in the Senior Showmanship Class of the division. It should be shown in the Round Robin Contest if possible. The superintendent reserves the right to substitute animals as necessary to fill in on a case by case basis.
14. Use of tranquilizers and/or anesthetics is not encouraged, but can be used with the permission of the superintendent or agent. Use should always be used under the supervision of your veterinarian. Any substance used must be identified with the superintendent and on the Statement of Disclosure for market animals (available at fair). No injectable tranquilizers and/or anesthetics may be used as a means of calming a show animal. There are no labeled tranquilizers or anesthetics for meat animal use.
15. All market animals administered antibiotics, feed additives and/or growth stimulants must be removed from such additives and/or stimulants within the time specified on the label. An exception may be made for animals on antibiotics for a recent illness. Notification must be given to the agent and superintendent so arrangements can be made to reschedule the animal's slaughter at the proper time.
16. The following are termed UNETHICAL PRACTICES: Removing, doctoring or purposely damaging ear tags or tattoos; the use of tranquilizers and/or anesthetics without a veterinarian's prescription; the use of any injectable steroid substance to enhance muscle development; the use of diuretics to reduce water content of the animal; the use of back pour insecticides as a "hair set" for beef cattle; any type of injection where oils, glycerin or like substances are used for body "filling," external applications of such things as liniments and blistering agents that would cause an edematous condition; use of ice packs or other refrigerants to alter the quality of finish of an animal. Any exhibitor suspected of such



misconduct will be reported to the Superintendent and/or Extension agent immediately. If found guilty of any of the above listed unethical practices, or any other practice deemed unethical by the Extension agent, exhibitor will forfeit all monies and/or awards and be disqualified from further classes and the Livestock Auction.

17. All animal exhibitors (except dog and horse) must have current Meat Quality Assurance (MQA) certification on file with the Extension agent. This includes companion and breeding animals. The MQA program teaches exhibitors good practices for food animal production and exhibitors must complete certification training the first year they do a livestock project and also their first year as a senior (14 years old). All market animal exhibitors, will be required to sign a "statement of disclosure" listing all antibiotics, medications, pesticides or other substances that have been administered to or used on or in the animal 60 days prior to the fair and Jeffco Livestock Auction and Youth Market. The Extension agent reserves the right to screen or test any market or breeding animal for drug residues of any nature and take any action deemed appropriate if testing results show any positive residues above naturally occurring levels.
18. All livestock entries must remain in place on the grounds until the release time announced by the Livestock Superintendent. Exhibitors of released livestock are required to clean pen at time of checkout and attend barn tear down on Sunday. Exhibitors are expected to stay until all clean-up is completed and are granted release by a superintendent or agent.
19. Danish ribbons will no longer be awarded. Each species judge will determine if the animal is fit to go into the Youth Livestock Auction. All judge's decisions are final.
20. Exhibitors are limited to 5 entries per class for all animal species, with the exception of market beef which are limited to 4 entries.

#### 21. HEALTH REGULATIONS

- A. The USDA's Scrapie Eradication Program will be enforced at the Jeffco 4-H Fair. This regulation requires sheep and goats to have premises identification ear tags that list their flock of origin. If your animals fall into any of the categories listed, they will be required to

have premises ear tags to be admitted on the grounds and shown at the fair.

Animals required to have premises tags are:

#### Sheep

All breeding sheep regardless of age and all ewes shown as market lambs.

#### Goats

All breeding goats and all does shown as market goats. Additionally, all goats 18 months of age or older that are or have been commingled with sheep (including wethers). Exception: Registered goats with no sheep contact may use tattoos with Breed Registration Numbers in place of premises tags.

A purchased animal should have the seller's premises tag. An animal you raised should have your premises tag.

- B. No animals from a quarantined herd will be allowed to enter the County Fair. **A health certificate will not be required UNLESS specified by the Extension agent.** If conditions warrant, the Extension agent may require negative pseudorabies test on all hogs shown at the Jeffco Fair. All hogs purchased outside the state of Colorado must have appropriate health inspection papers.
- C. All Beef, Dairy, Goat, Sheep, Llama, Alpaca, Swine, Rabbit and Poultry exhibits will be veterinary inspected.
- D. Any livestock originating from a farm and/or ranch under quarantine or showing any sign of contagious or infectious disease will be barred from exhibiting and immediately removed from the fairgrounds.

#### Dropped Class Fees

Any classes that are dropped the first couple days after Fair Entry deadline (July 10-12, 2024) may be dropped free of charge. From July 13-19, a \$5 administrative fee will be assessed per dropped class. Beginning July 20 any dropped class will have a \$10 administrative fee assessed.

### **GRAND CHAMPION SHOWMAN LEONARD ALLEN AWARD (Round Robin)**

The Round Robin competition will consist of the champion showmanship winner in the junior, intermediate and senior divisions of the following species: Beef, Sheep, Swine, Horse, Goat, Rabbit, Poultry, and Llama/Alpaca.

Each winner will show one of each of the species

represented in the competition and the show will proceed until all species represented are shown. The Round Robin champion will be the participant scoring the highest number of points. The winner of the competition will be announced during the awards ceremony. Score sheets are not returned to exhibitors.

Round Robin showmanship will proceed as follows: Each showman will show their own species in the first round. If any species is short an animal, the agent or superintendent will select an animal to fill the position. Each round will last 8 minutes. Time will be announced with a one minute warning signal prior to the end of each round. One minute will be allowed for rotation. Rotations will continue until all participants have shown all species.

Any previous winners of the Round Robin competition are **not** eligible to compete again. In the event that the champion showman for a particular species is a previous Round Robin winner, the reserve champion showman will compete in the competition. If an exhibitor is champion in more than one species, the next lower placing will be called to compete to fill that species in the Round Robin competition. If you qualify in more than one species, you will advance in the first species that you qualify in. The Chief Superintendent, Round Robin Superintendents and Agent may dictate who will compete based on circumstances.

The champion showman will be awarded the Leonard Allen Memorial belt buckle. The champion from each age division will be recognized.

### **CARCASS CONTESTS MARKET BEEF, LAMB, SWINE & GOAT**

#### **RULES:**

1. An **ultrasound** carcass contest will be held for market beef, swine, sheep and goats.
2. **Ultrasounding does not allow for a quality grade to be taken on market beef. The agent and superintendents will make all efforts reasonable to obtain quality grade information from the packing plant in order to rate carcasses.**
3. Non-processor animals can be ultrasounded for a \$10 fee per head.
4. Market animals in the Livestock Auction/Youth Market and Catch-it animals that meet minimum and/or maximum weight requirements are automatically entered in the carcass contest.
5. Awards will be given at Achievement Night or the October Livestock Council Meeting.

6. In order to be in the contest, your animal(s) must be on the truck leaving from fair to go to the processor with all other animals. Judging will only occur at one time.

### **HERDSMAN AWARDS**

The Herdsman Award will be presented to youth in each of the Livestock, Equine and Poultry and Rabbit areas. The intention of the award is to recognize the youth who displays the most care and respect for the condition of their animal(s) during the fair and demonstrates the spirit of 4-H through their sportsmanship and support of fellow youth. The following items will be considered by the Herdsman Judges in making their decisions.

1. Cleanliness of animals, stall or pens and self. Stalls and pens include the section of aisle adjoining them.
2. Cooperation with superintendent and sportsmanship.
3. Proper care of animals, including disposal of waste materials and manure.
4. Neatness and cleanliness of feeding and watering utensils and prompt removal of same when not in use.
5. Care of equipment and neatness of exhibit area.
6. Contest will begin when animals arrive on the Fairgrounds.
7. The Herdsman Judges will confer with the superintendent before making a final decision.
8. **Additional Equine Herdsman guidelines are included under the Horse section.**

### **AWARDS**

Awards will be given in the following areas:

1. Grand Champion and Reserve Grand Champion Market Animals
2. Grand Champion and Reserve Grand Champion Breeding Animals
3. Grand Champion and Reserve Grand Champion Fiber Animal
4. Champion and Reserve Champion awards in the Showmanship divisions.
5. American System – Awarded 1-10 in all Livestock Classes. **Champion and Reserve Champion will not be awarded in classes with fewer than 3 entries.**

## BEEF

Superintendent: Glenn Sanger

All exhibitors entered in Beef are subject to the general livestock rules.

**All Beef animals (with the exception of prospect, which must be owned and identified by May 15) must be owned by Feb. 1 of the current year to be eligible to show at county fair. All project beef must be ID'd in 4HOnline by May 15.**

### RULES:

1. Market beef animals must be born on or after January 1 of the preceding year. Animals will be mouthed at weigh-in if age is in doubt.
2. Market beef must be weighed and ear-tagged at a time and place designated by the Extension agent.
3. No steer under 1,000 pounds will be eligible for a market class and will be moved to the feeder class. Feeders will not be eligible for the Livestock Auction or market class. The exception is industry standards for miniature and heritage breeds.
  - a. Exhibitors with finished animals under 1000 pounds or born before Jan 1 of the preceding year will need to show documentation of breed and industry standards to be eligible for market classes and the auction.
4. Prospect steers must be owned by May 15, unless previous arrangements are made with the Extension Agent.
5. An individual may weigh in and tag no more than four market beef for the County Fair.
6. Animals that are not OFFICALLY ENTERED on the fair pre-entry form will not be weighed and are not eligible to show.
7. Heifers that are tagged and weighed in at spring weigh-in as market beef may not be shown as breeding beef.
8. The superintendent will determine market classes after all animals are weighed. Classes will be divided by weight.
9. Breeding classes will be shown by breed if there are 4 or more entries per class.
10. Only exhibitors and County Fair officials will be allowed in the show ring during the Beef Show.
11. All market steers must have been weighed in the County Spring weigh-in to be eligible for the rate-of-gain contest. All steers must be brand inspected and ear tagged. Tag number and all weights will be entered in the rate-of-gain records in the 4-H agent's

office. See additional weigh-in rules in general livestock section.

12. Showmanship is a required class for all Jeffco 4-H exhibitors in each species they are registered in.

### Division: MARKET BEEF

#### Class:

Market Beef  
Heritage Breed Market Beef  
Prospect Beef (Catch-a-Calf)  
Commercial Market Beef Fun Class

The commercial class will be limited to non-club calves and is intended to be a fun class between ranch/commercially raised market-ready beef. All market beef should be registered in the market beef class regardless of participation in the commercial class. The commercial class is open to all self-declared commercial calves. In the event of a question of if an animal is eligible, the superintendent, agent and/or judge will be consulted to make a decision on if the animal belongs in the class. No awards are given for this class.

### Division: BEEF SHOWMANSHIP

You will be required to show your own animal when you enter showmanship classes. An animal can be shown only once, either in the Junior, Intermediate or Senior Class.

#### Events:

Junior Beef Showmanship (8 - 10 years of age as of Dec. 31 of the current 4-H year)  
Intermediate Beef Showmanship (11 – 13 years of age as of Dec. 31 of current 4-H year)  
Senior Beef Showmanship (14 years of age & over as of Dec. 31 of the current 4-H year)

### Division: BREEDING BEEF

**All breeding animals are required to have ID tags prior to the fair entry deadline.**

#### Classes:

Breeding Heifer - Born in Current Year  
Breeding Heifer - Born Last Year  
Breeding Cow - Born Two Years Ago  
Breeding Cow - Born Three or More Years Ago  
Cow and Calf  
Breeding Bull - Born in Current Year  
Breeding Bull – Not to Exceed Two Years of Age

Breeding Bulls will be housed outside on the day of the show only and will not be housed overnight. Bulls may be asked to leave at the discretion of the superintendent or agent.



## SWINE

Superintendent: Jeff Wiechman

All exhibitors entered in Swine are subject to the general livestock rules.

**All market animals must be owned by May 1 of the current year to be eligible to show at county fair. All project swine must be ID'd in 4HOnline and have ear tags in by May 1.**

Exhibitors of swine will be required to show their swine in the proper manner within the provided show ring.

### RULES:

1. All swine imported into Colorado must come from a pseudorabies qualified or monitored herd or be tested for pseudorabies within 30 days of importation. Also, Colorado will not accept any pseudorabies-vaccinated pigs. A certificate of veterinary inspection and a permit issued by the Colorado State Veterinarian's Office is required on all swine imported into the state. If conditions warrant, the Extension agent may require a negative pseudorabies test on all hogs shown at the Jefferson County Fair.
2. All market swine must be tagged at a time and place determined by the Extension Office.
3. All barrows must be castrated and completely healed prior to weigh-in.
4. All market swine must have been farrowed on or after January 1 of the current year. The exception is for heritage breeds.
5. Animals that are not OFFICIALLY ENTERED on the fair pre-entry form will not be weighed and are not eligible to show.
6. Market hogs must weigh at least 215 pounds or will have to show as feeders and are not eligible for the Livestock Auction or market class. Any market hogs weighing over 300 pounds will be entered into a heavy weight class and will not be eligible for the Livestock Auction or the championships. The exception is industry standards for heritage breeds.
7. Gilts that are tagged and weighed in at spring weigh-in as market swine may not be shown as breeding gilts.
8. The superintendent will determine market classes after all animals are weighed.
9. Market barrows and market gilts will compete in the same class unless otherwise stated by the superintendent.
10. Hogs must have ear tags in at the time of identification in 4HOnline (May 1).
11. Showmanship is a required class for all Jeffco 4-H exhibitors in each species.

### Division: MARKET SWINE

#### Classes:

Market Swine  
Heritage Breed Market Swine

### Division: SWINE SHOWMANSHIP

You will be required to show your own animal when you enter showmanship classes. Any animal can be shown only once, either in the Junior, Intermediate or Senior class. Classes may be split into sections at the discretion of the Superintendent.

#### Events:

Junior Swine Showmanship (8 - 10 years of age as of Dec. 31 of the current 4-H year).

Intermediate Swine Showmanship (11 - 13 years of age as of Dec. 31 of the current 4-H year).

Senior Swine Showmanship (14 years of age & older of Dec. 31 of the current 4-H year).

### Division: BREEDING SWINE

All breeding animals are required to have ID tags prior to the fair entry deadline.

### CLASSIFICATION

Breeding swine classes will not be divided by breed, but will be divided by age only.

A litter consists of one gilt, one boar, and one barrow, the produce of one sow. A pig may be shown as an individual and as one of a litter. Litters must be farrowed on or after February 1 of the current year.

### ELIGIBILITY

All gilts and boars may be purebred or high grade. Crossbred boars will not be allowed to show. Any gilt that is shown in the breeding swine show is not eligible to show in the market swine show.

### Breeding Swine Classes:

Junior Spring Boar - Farrowed after March 1  
February Boar

January Boar

Junior Spring Gilt - Farrowed after March 1  
February Gilts

January Gilts

Senior Gilts - Farrowed between August 1 and  
December 31 of Last Year Litter

## SHEEP

**Superintendent: Christi Mangusso**

All exhibitors entered in Sheep are subject to the general livestock rules.

**All animals must be owned by May 1 of the current year to be eligible to show. All project sheep must be ID'd in 4HOnline by May 1.**

**Scrapies:** Jefferson County 4-H participates in the USDA's Scrapie Eradication Program. Sheep and goats are required to have a Scrapie ear tag that lists their flock of origin. If your animal fall into any of the categories listed, they will be required to have Scrapie ear tags to be admitted into the barn and shown at the fair.

Animals requiring Scrapies tags are:

- Goats: All intact males and all female animals, regardless of class, in addition to all goats 18 months of age or older that are or have been commingled with sheep (including wethers).
  - Exception: Registered goats with no sheep commingling may use tattoos with Breed Registration Numbers in place of place of Scrapie tags.
- Sheep: All breeding sheep regardless of age and all ewes shown as market lambs
- A purchased animal should have the seller's tag. An animal you raised should have your Scrapie tag. See the link below to how to get tags.
- See more information here:  
[https://www.aphis.usda.gov/animal\\_health/animal\\_diseases/scrapie/downloads/fs-scrapie-recordkeeping.pdf](https://www.aphis.usda.gov/animal_health/animal_diseases/scrapie/downloads/fs-scrapie-recordkeeping.pdf)

### **RULES:**

1. Order of showing will be determined by the Superintendent.
2. Exhibitors will be required to show sheep in a proper and customary manner. Ropes or halters will not be allowed in the show ring.
3. Rams having a full two-year-old mouth will not be allowed to show.
4. Market lambs must be spring lambs born on or after January 1 of the current year and be carrying all milk teeth in place. Lambs showing either or both of the first pair of permanent incisors will be disqualified.

5. All market lambs must be slick shorn with a maximum of 1/4" of wool. Wool foretops and boots may be left on the lamb.
6. Market lambs must be weighed and ear tagged at a time and place determined by the Extension Office.
7. All market lambs must attend the official weigh-in to be eligible for rate-of-gain contest.
8. Animals that are not OFFICIALLY ENTERED on the fair pre-entry form will not be weighed and are not eligible to show.
9. Ewe lambs that are tagged and weighed in at spring weigh-in as market lambs may not be shown as breeding ewes.
10. Market lamb classes will be divided by weight after entries are complete.
11. Market lambs must weigh at least 95 pounds at fair check-in. Any lamb not making minimum weight will be entered in a feeder class and will not be eligible for the Livestock Auction. The exception is industry standards for heritage breeds.
12. The superintendent will determine market classes after all animals are weighed.
13. Showmanship is a required class for all Jeffco 4-H exhibitors in each species they are registered in.
14. Breeding sheep should be shorn and fitted in accordance with breed standards.
15. Market lambs must be dry to weigh in at the County Fair.

### **Division: MARKET SHEEP**

#### **Class:**

Market Sheep  
Heritage Breed Market Sheep

### **Division: SHEEP SHOWMANSHIP**

You will be required to show your own animal when you enter showmanship classes. An animal can be shown only once; either in the Junior, Intermediate or Senior class. Classes may be divided into sections at the discretion of the Superintendent.

#### **CLASSES:**

Junior Sheep Showmanship (8-10 years of age as of Dec. 31 of the current 4-H year)  
Intermediate Sheep Showmanship (11 – 13 years of age as of Dec. 31 of current 4-H year)  
Senior Sheep Showmanship (14 -18 years of age as of Dec. 31 of the current 4-H year)

### **Division: BREEDING SHEEP**

**All breeding animals are required to have ID tags prior to the fair entry deadline.**

#### **Classes:**

Ram, Lamb

Ram, over 1 year (not to exceed 2 years)  
Ewe, Lamb  
Ewe, over 1 year  
Ewe, older (2 years & older)  
Ewe & Lamb

**Division: UTILITY SHEEP OBSTACLE**

**Rules:**

1. Exhibitors may not show the same animals in Market, Breeding, and Utility. They must pick which division they show each animal.
2. Members must participate in Sheep Showmanship.
3. All sheep must have an identification tag or tattoo prior to entering the fairgrounds.
4. This class will be run concurrently with Utility Goat classes.

## GOAT

### Superintendent: Tasha Leatherman

All exhibitors entered in Goat are subject to the general livestock rules.

**All goats must be owned no later than May 1 to be eligible to show. All project goats must be ID'd in 4HOnline by May 1.**

**Scrapies:** Jefferson County 4-H participates in the USDA's Scrapie Eradication Program. Sheep and goats are required to have a Scrapie ear tag that lists their flock of origin. If your animal fall into any of the categories listed, they will be required to have Scrapie ear tags to be admitted into the barn and shown at the fair.

Animals requiring Scrapies tags are:

- Goats: All intact males and all female animals, regardless of class, in addition to all goats 18 months of age or older that are or have been commingled with sheep (including wethers).
  - Exception: Registered goats with no sheep commingling may use tattoos with Breed Registration Numbers in place of place of Scrapie tags.
- Sheep: All breeding sheep regardless of age and all ewes shown as market lambs
- A purchased animal should have the seller's tag. An animal you raised should have your Scrapie tag. See the link below to how to get tags.
- See more information here:  
[https://www.aphis.usda.gov/animal\\_health/animal\\_diseases/scrapie/downloads/fs-scrapie-recordkeeping.pdf](https://www.aphis.usda.gov/animal_health/animal_diseases/scrapie/downloads/fs-scrapie-recordkeeping.pdf)

### RULES

1. Both does and wethers are eligible to be shown in the market classes.
2. Does may be shown in either the market or breeding class, but not both.
3. Market goats may be any breed or cross. Market goats must weigh at least 45 pounds and not exceed 120 pounds at the time of fair check-in. Any market goats weighing more than 120 pounds will be entered into a heavyweight class and will not be eligible for the Junior Livestock Sale. Underweight goats will be shown in feeder class and are not eligible for the Junior Livestock Sale. The exception is industry standards for smaller breeds.

4. Does that are tagged and weighed in at spring weigh-in as market goats may not be shown as breeding does.
5. The superintendent will determine market classes after all animals are weighed.
6. Market goats must be weighed and ear tagged at a time and place determined by the Extension Office.
7. Market goats must have been born on or after December 1 of the previous year.
8. All market goats must be dehorned. Meat breeding and fiber goats can have horns, but dairy and utility cannot.
9. Showmanship is a required class for all Jeffco 4-H exhibitors in each species they are registered in.
10. Exhibitors **may not** show the same animals in Market, Fiber, Breeding, Dairy and Utility. They must pick which division they show each animal in.
11. Classes will be combined as needed to make a competitive and fair show as determined by the superintendent and Extension staff.

### Division: GOAT SHOWMANSHIP

You will be required to show your own animal when entering showmanship classes. An animal can be shown only once, either in the Junior, Intermediate or Senior Class.

#### Classes:

- Junior Goat Showmanship (8 to 10 years of age as of Dec. 31 of the current 4-H year)
- Intermediate Goat Showmanship (11 – 13 years of age as of Dec. 31 of the current 4-H year)
- Senior Goat Showmanship (14 years of age as of Dec. 31, of the current 4-H year)

### Division: MARKET GOAT

#### Classes:

Market Goat (No horns allowed)

**(Continued on next page)**

**Division: MEAT TYPE BREEDING GOATS** (Horns allowed)

**All breeding animals are required to have ID tags prior to the fair entry deadline.**

**Rules:**

1. All animals must have an identification tag or tattoo prior to entering the fairgrounds. **See scrapies requirements.**
2. Wethered males may not be shown in the breeding class.
3. Dates for computing ages of Meat Type Breeding Goats and Dairy Goats are as follows:

**Junior Doe Kid** – under 4 months old  
**Intermediate Doe Kid** – 4 to 8 months old  
**Senior Doe Kid** – 8 months to 12 months old  
**Yearling Does** – 12 to 24 months old  
**Young Does** – 24 to 36 months old  
**Senior Does** – 3 years and over  
**Junior Buck** – under 4 months old  
**Intermediate Buck** – 4 to 8 months old  
**Senior Buck** – 8 months and over

**Classes:**

Junior Doe Kid  
Intermediate Doe Kid  
Senior Doe Kid  
Does 1 yr. & under 2  
Does 2 yrs. & under 3  
Does 3 yrs. & over  
Junior Buck  
Intermediate Buck  
Senior Buck

**Division: DAIRY TYPE BREEDING GOATS** (No horns allowed)

**All dairy animals are required to have ID tags prior to the fair entry deadline.**

**Rules:**

1. All animals must have an identification tag or tattoo prior to entering the fairgrounds. **See scrapies requirements.**
2. Wethered males may not be shown in the breeding class.
3. Dates for computing ages of Meat Type Breeding Goats and Dairy Goats are as follows:

**Junior Doe Kid** – under 4 months old  
**Intermediate Doe Kid** – 4 to 8 months old  
**Senior Doe Kid** – 8 months to 12 months old  
**Yearling Does** – 12 to 24 months old  
**Young Does** – 24 to 36 months old  
**Senior Does** – 3 years and over  
**Junior Buck** – under 4 months old  
**Intermediate Buck** – 4 to 8 months old  
**Senior Buck** – 8 months and over

4. All dairy breeds (registered, grade and percentage) will show together.
5. All dairy goats must be de-horned.
6. Wethered males may only be shown in this Division under the Breeding Herd class if they fall within the class rules.

**Classes:**

Junior Doe Kid  
Intermediate Doe Kid  
Senior Doe Kid  
Does 1 yr. & under 2  
Does 2 yrs. & under 3  
Does 3 yrs. & over  
Junior Buck  
Intermediate Buck  
Senior Buck

**Division: Breeding Herd**

The Breeding Herd class is designed to let exhibitors show their breeding herd. Entries are not eligible for Grand Champion or Reserve Grand Champion Awards. All breeding animals are required to have ID tags/tattoos prior to the fair entry deadline.

**Rules:**

1. In this class the Exhibitor may show any goats that they have bred themselves and currently own. Each animal must have been shown in one of the other Goat Divisions: Market Goat, Fiber Goat, Breeding Goat, Dairy Goat and Utility Goat at this year's fair (wethers are the only exception).
2. Any goat entered into this class must be owned by the exhibitor showing them.
3. Any breed of goat may enter any of the Breeding Herd Classes.
4. Classes will be combined as needed to make a competitive and fair show as determined by the superintendent and Extension staff.
5. All animals must have an identification tag prior to entering the fairgrounds.
6. Wethered males may only be shown if they are Market goats and were shown in the Market Goat Division this year. They must be shown as a part of the Exhibitor's Breeding Herd and be eligible for one of the Get of Sire or Produce of Dam. See below as to what qualifies for each class.
7. Dates for computing ages of Breeding Herd will be the same as the Breeding Goat Divisions above.

**Pen of Doe Kids** (2 or more doe kids owned by one exhibitor)

**Pen of 2 Does** (2 does owned by one exhibitor)

**Pen of 2 Bucks** (2 bucks owned by one exhibitor)

**Get of Sire** (3 offspring from the same sire owned by one exhibitor)

**Produce of Dam** (3 offspring from the same dam owned by one exhibitor)

**Breeders Herd** (1 buck, 2 doe kids, 2 does owned by one exhibitor)

**Generations Herd** (More than a 2 generation line owned by one exhibitor)

#### **Division: UTILITY GOATS OBSTACLE**

##### **Rules:**

1. Exhibitors may not show the same animals in Market, Fiber, Breeding, Dairy and Utility. They must pick which division they show each animal.
2. All utility goats must be de-horned.
3. Members must participate in Goat Showmanship to participate in Utility Goat Obstacle.
4. All goats must have an identification tag or tattoo prior to entering the fairgrounds. **See scrapies requirements.**

##### **Classes:**

Junior (8-10 years of age as of Dec. 31 of the current 4-H year)

Intermediate (11-13 years of age as of Dec. 31 of current 4-H year)

Senior (14-18 years of age as of Dec. 31 of the current 4-H year)



## FIBER ANIMAL

Superintendent: Mitzi Tolman

**All fiber animals are required to have ID tags prior to the fair entry deadline. All Fiber animals must be ID in 4HOnline by May 1.**

**All members with fiber animals are encouraged to participate in the Fiber Lead Contest.**

**ALL members enrolled in the FIBER GOAT and FIBER SHEEP project** will be required to show their own animal and enter a showmanship class. An animal can be shown only once, either in the Junior, Intermediate or Senior Class.

All Fiber Animals will be shown in showmanship with the market and breeding animals. Please see appropriate sections for additional information.

**One buckle for fiber will be awarded to the Grand Champion Fleece.**

### Division: FIBER GOAT

All exhibitors entered in Fiber Goat are subject to the general livestock rules. Animals in this class are eligible for the herd show.

#### Rules:

1. Exhibitors **may not** show the same animals in Fiber, Breeding, Dairy and Utility. They must pick which division they show each animal in.
2. Fiber goats may be shown with horns.
3. Mohair must be clean and free of debris, not washed.
4. All Angora Goat Association rules apply.
5. No bucks over 6 months of age may be shown.
6. All exhibitors must show in their respective showmanship class.

#### Classes:

Kids (under one year old)

Yearling (one-two years old)

Aged (over two years old)

### Division: FIBER SHEEP

**Category I Long Wools/Carpet:** Wool grading 48's and coarser, sheep that are descendants of Lincoln, Romney, Border Leicester, Jacob, Karakul, Navajo and Churro.

**Category II Medium and Fine Wool:** All sheep descendants of dual purpose meat breeds (i.e. Corriedale, Columbia, Rambouillet, Hampshire or any other breed with wool grading 50's or finer). Sheep showing hair or modulated fiber will be discriminated against in this category.

**Animal Preparation:** For Category I sheep, wool length is expected to be one inch or longer, except in young lambs. Sheep may be trimmed, tipped, or fuzzed-off, but not blocked. Bellies, heads, lower legs, and dock area may have wool of any length preferred by Participant, but wool must not be trimmed or blocked to unequal lengths on chest, back, shoulder, sides, or britch area. Wool must be free of excessive contamination, manure, paint, permanent stains, wool rot, breaks or tenderness, and coting. These problems will be penalized according to their severity. Category II sheep (which includes Fine and Medium Breeds) may be fitted to breeder preference while maintaining the quality of the fleece to be evaluated.

All sheep will be judged 40% on conformation and 60% on wool.

All Natural Colored sheep must be 35% colored. All sheep must be shorn after January 1.

#### Rules:

1. Exhibitors **may not** show the same animals in Fiber and Breeding. They must pick which division they show each animal in.
2. All sheep must be shown with appropriate breed standards (Horns/no horns, wash/not wash etc.)
3. No bucks over 6 months of age may be shown.

#### Classes:

Category I Lambs (less than six months old)

Category II Lambs (less than six months old)

Category I (under one year old)

Category II (under one year old)

Category I Yearling (one-two years old)

Category II Yearling (one-two years old)

Category I Aged (over two years old)

Category II Aged (over two years old)

**Division: FLEECE CONTEST – All fleece will be judged on Saturday, July 27 during interview judging.**

**GOAT, SHEEP, ALPACA AND LLAMA**

Fleeces should be brought to interview judging day in a clear plastic bag that is labeled with youth name, animal name, animal breed, animal age, animal sex and number of months growth.

**Rules:**

1. Any 4-H grower of wool may enter fleeces, but they must be entered in the name of the grower.
2. Superintendent will assign classes to each of the growers entries at the fair.
3. In order to compete each fleece must:
  - a. Have been sheared in the last 12 months.
  - b. Represent not more than 12 months growth except in case of yearling fleeces when 16 months growth will be allowed.
  - c. In case of controversy concerning the number of month's growth of any fleece, the acknowledged rate of monthly growth of wool from different breeds and types of sheep shall be used as a guide.
  - d. The extension agent/superintendent reserves the right to inspect any fleece entered to determine its eligibility. Fleece judged overage and/or found to contain parts of other fleeces will not be allowed to compete.
4. Any fleece entered for competition in the Fleece Contest shall be discriminated against if:
  - Showing any paint or tar brands (soluble branding fluids permitted)
  - Showing excessive dung locks or tags.
  - Discolored by excessive moisture or cotted.
  - Showing weak staple or break in fiber.
  - Containing any excess burn or vegetable matter.
  - Poorly prepared, containing excessive dirt and plant material, tags, burrs, etc.
  - Any sign or stage of insect infestation.
5. Fleeces are to be packed in clear plastic bags loosely so as not to impair their character or attractiveness. Each fleece must be tagged with the following information: breed, sex and number of months growth and youth and animal names.

**Division: FIBER GOAT FLEECE**

**Classes:**

Buck Fiber  
Doe Fiber  
Wether Fiber

**Division: SHEEP WOOL**

**Classes:**

Ram Wool  
Ewe Wool  
Wether Wool

**Division: LLAMA & ALPACA FLEECE**

For the shorn fleece, do not include the dirty base of the neck. Start at withers and continue to dock of tail; then down the sides, but not under the belly.

Fleeces should be brought to interview judging day in a clear plastic bag that is labeled with youth name, animal name, animal breed, animal age, animal sex and number of months growth.

**Classes:**

Llama  
Alpaca



**Division: FIBER LEAD CONTEST (Formerly Sheep Lead Contest)**

**Rules:**

1. Contestants must be 4-H members wearing a garment of at least 50% animal fiber that can be self-made or purchased.
2. The animal must be a fair project of any age with preference given to productive females. It does not have to be owned by the contestant, and it must be trained to lead with a halter. Contestants not leading their own animal must designate their sponsor in their commentary.
3. Entrants must provide a one-page commentary of 200 words or less to be read during the class including the following: description of garment, breed of sheep being led, brief biography of entrant and involvement in sheep/goat industry. (e.g. "Sue is leading a Hampshire ewe...." not "I am leading....") Commentary must be typed and submitted one hour before the competition.

**Important: Bring written commentary to ANIMAL check-in.**

**Classes:**

Junior Fiber Lead (Ages 8-10)

Intermediate Fiber Lead (Ages 11-13)

Senior Fiber Lead (Ages 14-18)

**Judging Criteria:**

**The objective of this contest is to give participants an opportunity to display their fashion and animal-handling talents, to present natural fibers and the animals that provide them in an attractive manner, and to give the audience an opportunity to see and appreciate the beauty of natural fibers and the animals that produce it.**

**The judges may interview individual contestants from a class that has concluded its presentations before those contestants are dismissed from the show ring.**

1. Animal (30 points)  
General Appearance - breed character, size and scale, body conformation, soundness, and wool/fiber quality representative of the breed.  
Preference given to breeding animal  
Fitting – animal should be attractively fitted and groomed, but not artificially colored or prepared  
Leading Ability - animal should respond calmly to the halter and "walk out" in a deliberate and natural manner
2. Participant (30 points)  
General Appearance - grooming, hair style and make-up; garment(s) fit; accessories; poise  
Garment(s) - appropriate to age, size and body

type; coordination of style, color(s), design; visual appeal

Fashion Consciousness - reflect current fashion trends and enhance participant's attributes

3. Overall (40 points)  
Participant-Animal Relationship - animal handling; work together smoothly; exhibit competence and confidence  
Visual Effect - present the use of natural fiber in a coordinated attractive manner  
Control of Animal - poised and at ease with the animal when moving around the ring and in front of the judges  
Personality - pleasant, natural, and sincere; courteous to other participants

## LLAMA & ALPACA

### Superintendent:

#### Rules:

All exhibitors entered in Llama and Alpaca are subject to the general livestock rules.

1. Competition is open to enrolled 4-H llama and alpaca project members.
2. Record books of all 4-H Llama and Alpaca exhibitors must be completed and members must sign up for an interview to take place at Interview judging on Saturday, July 27.
3. All llamas and alpacas must be at least 5 months old. Youth may show intact males. All project llamas and alpacas must be ID'd in 4HOnline by May 1.
4. Animals need not be owned by the youth showing the animal, but youth must have a signed lease agreement on file in the Extension Office by May 1.
5. Exhibitors will be awarded Champion and Reserve Champion ribbons for showmanship and performance. Grand Champion and Reserve Grand Champion awards will be presented in showmanship (junior, intermediate and senior).
6. Llamas and Alpacas will be shown together.
7. All exhibitors must compete in showmanship.

#### Division: LLAMA & ALPACA SHOWMANSHIP

You will be required to show your own animal when you enter showmanship classes. An animal can be shown only once, either in the Junior, Intermediate or Senior class. Classes may be divided into sections at the discretion of the Superintendent.

#### Classes:

Junior Llama & Alpaca Showmanship (8 – 10 years of age as of Dec. 31 of the current 4-H year)

Intermediate Llama & Alpaca Showmanship (11 – 13 years of age as of Dec. 31 of the current 4-H year)

Senior Llama & Alpaca Showmanship (14 – 18 years of age as of Dec. 31 of the current 4-H year)

#### Division: LLAMA & ALPACA OBSTACLE

#### Classes:

Junior

Intermediate

Senior

#### Division: LLAMA & ALPACA PACK

All participants will use a county-provided pack.

#### Classes:

Junior

Intermediate

Senior

## POULTRY

Superintendents: Ailis Thyne

### Rules

All exhibitors entered in Poultry are subject to the general livestock rules.

**Any market birds staying overnight must be watered, fed and area cleaned by 9 a.m. each day and again by 9 p.m. each night.**

1. All birds must have a legible numbered leg band (available during check in).
2. All birds must be in good health and parasite free or they will not be accepted for entry.
3. All birds must be the property of the owner by May 1 of current year with the exception of market chickens/ducks, which must be owned 5 weeks prior to show date. All project birds must be ID'd in 4HOnline by May 1, except for market chickens/ducks, which must be entered into 4HOnline by July 15.
4. Entries for breed classes are open to purebred birds only. Cross-bred birds should be entered in the Non-Standard Breed class. Egg production and Market classes need not be purebred birds and need not be the same breed.
5. Birds cannot be entered in more than one class. Exhibit class birds will not be judged. This class is intended for birds used only for showmanship or companion birds and can also be used for birds intended to be entered in the Youth Market.
6. Exhibitors must bring their entries to the judging table at the designated time.
7. Birds may be sold in the poultry area after they are judged. Advertising and for sale signs may be placed the day after judging. Sale signs must be posted on the cage and include the following information: Seller's name, the bird's breed and age, and the selling price. All sales will go through the superintendent. Birds that are sold MUST remain in the barn until scheduled project release.
8. Champion and Reserve Champion market birds are encouraged to sell in the Livestock Auction. (Fryer class will not go through sale but may participate in the Youth Market upon approval by judge.)
9. Each exhibitor will be allowed to enter no more than 5 entries per class.

10. If there are five or more birds in the same breed, they may be judged as separate groups at the discretion of the judge. If less than five birds in a breed, they will be judged with all the other birds in the category/division

11. All exhibitors must participate in showmanship.
12. All market entries will be weighed at check-in.
13. Substitutions will be allowed within the same class, at the discretion of the superintendent and extension agent.
14. Exhibitors are responsible for the care of their own birds. Exhibitor will provide their own shavings, food, and water. Cages will be provided at fair.

### Division: SHOW BIRDS

#### American Class

Plymouth Rock, Wyandottes, Javas, Rhode Island Red, Dominiques, Buckeye, Chantecler, Rhode Island White, Jersey Giant, Lamona, New Hampshire, Holland Delaware

#### Asiatic

Brahma, Cochin, Langshan

#### Continental

Hamburg, Campine, Lakenvelder, Polish, Houdan, Faverolle, Crevecoeur, La Fleche

#### English Class

Dorking, Redcap, Cornish, Orpington, Sussex, Australorp

#### Mediterranean

Leghorn, Minorca, Spanish, Andalusian, Ancona, Sicilian Buttercup, Catalana

#### All Other Standard Breeds

Games, Modern-Old English, Malay, Sumatra, Aseel, Shamo, Yokohama, Phoenix, Cubalaya, Sultan, Frizzle, Naked Neck (Turken), Araucana, Ameraucana

#### Game Bantam

All Colors

#### Bantam Single Comb, Clean Legged

Anconas, Andalusians, Australorps, Campines, Catalanas, Delawares, Dorkings, Frizzles, Hollands, Japanese, Javas, Jersey Giants, Lakenvelders, Lamonas, Leghorns, Minorcas, Naked Necks, New Hampshires, Orpingtons, Phoenix, Plymouth Rocks, Rhode Island Reds, Rhode Island Whites, Spanish, Sussex

**Bantam Rose Comb, Clean Legged**

Anconas, Antwerp Belgians Dominiques, Dorkings, Hamburgs, Minonca, Redcaps, Rosecombs, Sebrights, Wyandottes

**Bantam All Other Combs, Clean Legged**

Ameraucana, Araucanas, Buckeyes, Chanteclers, Cornish, Crevecoeurs, Cubulayas, Houdans, La Fleche, Malays, Polish, Shamos, Sicilian Buttercups, Sumatras, Yokohamas

**Bantam All Other Combs, Feather Legged**

Booted, Brahamas, Cochins, Faverolles, Frizzles, Langshans, Mille Fleur, Porcelain, Sultans, Silkies

**Game Birds**

Guinea, Quail, Pheasants

**Turkey**

**Waterfowl**

Ducks & Geese

**Peafowl**

**Breeding Pair** (1 Male, 1 Female of same breed, any poultry species)

**Non-Standard Breeds** – any species (Danish ribbons only, not eligible for Exhibition Bird of Show)

**Exhibit Class**

**Division: PIGEONS**

**Classes:**

Old Male Pigeon: One year or older

Young Male Pigeon: Under one year

Old Female Pigeon: One year or older

Young Female Pigeon: Under one year

**Division: MARKET BIRDS**

**Classes:**

Chickens – (Pen of 3), either or same sexes, minimum age 5 weeks old to 7 months old and weigh between 3 ½ to 11 pounds. There can be no more than a ½ lb. weight difference. Any chicken not making minimum weight will be entered in the Fryer Class.

Turkey (individual) – 16 – 24 weeks old minimum weight 16 pounds. **A maximum weight of 30 pounds will be implemented in 2024.** The exception is for Heritage birds which should weigh according to industry standards and need not meet age requirements.

Geese (individual) – weight according to industry standards

Waterfowl (pen of 3) – weight according to industry standards

Fryers – any Poultry entry that does not meet minimum weight standards

Red Ranger – any Poultry entry that is raised at high altitude

**Division: POULTRY SHOWMANSHIP**

You will be required to show your own bird when entering showmanship classes. A bird can be shown only once, either in the Junior, Intermediate or Senior Class. Exceptions for circumstances of hardship or loss will be reviewed by the Extension Agent and Superintendent(s). Showmanship length may be limited due to number of entries.

**Classes:**

Junior Poultry Showmanship (8 to 10 years of age as of Dec. 31 of the current 4-H year)

Intermediate Poultry Showmanship (11 – 13 years of age as of Dec. 31 of the current 4-H year)

Senior Poultry Showmanship (14 – 18 years of age as of Dec. 31 of the current 4-H year)

**Division: EGG PRODUCTION**

**Classes:**

Pen Pullets (3 pullets)

Pen of Hens – (3 Mature Hens)

Individual Hen (Mature)

## **RABBIT**

**Superintendent:**

**All rabbits must be owned by the 4-H member before May 1, except for Meat Rabbits which must be *owned* or under contract by June 15<sup>th</sup>.**

All project rabbits must be ID'd in 4HOnline by May 1, except for Meat Rabbits which must be in the possession of the member and entered in 4HOnline by **July 9**. They must be entered in the actual owner's name. Proof of ownership (ex. bill of sale, gift receipt, pedigree) is required by the above dates, and must include rabbit ID and tattoo number.

### **Rules:**

All rabbits entered in the fair are subject to the general livestock rules.

**Rabbits must be in caging area one hour prior to start of the show or they will not be allowed to show.**

**All market rabbits must be watered, fed and area cleaned by 9 a.m. each day and again each night by 9 p.m.**

1. Exhibitors are responsible for the feeding and care of their own rabbits. Shavings must be provided by the 4-Her.
2. No rabbits fewer than 6 weeks of age will be permitted in the show room at any time.
3. All rabbits must have a permanent and legible earmark in the left ear according to ARBA rules.
4. No rabbit breeding will be permitted on the fairgrounds.
5. Any rabbit of ill health or diseased will be eliminated and removed from the showroom. They must have a veterinary certificate dated that day to be returned to the showroom.
6. Champion and Reserve Champion market rabbits are encouraged to sell in the Livestock Auction. (Fryer class will not go through sale but may participate in the Youth Market upon approval by judge.)
7. Each exhibitor will be allowed to enter no more than 5 entries per class and 20 entries per exhibitor.
8. All exhibitors must participate in showmanship.
9. All market entries will be weighed at check-in.
10. Substitutions will be allowed within the same class, at the discretion and pre-approval of the superintendent and extension agent.
11. ARBA rules will apply to all classes of rabbits to be judged, however, rabbits will not be disqualified just placed at the bottom of the class. If your rabbit falls under an ARBA COD for a non-

standard color, you are responsible for bringing the standards the day of the show.

Exceptions: The pet classes will be judged according to the rules laid out for their division.

12. Any fixed rabbit must be shown in the Pet Class. Fixed rabbits cannot be shown in Breeding Classes. The pet class accepts any breed or crossbreed without restrictions. Any animal that has been fixed is eligible to enter the pet contest, but is ineligible for any other contest.
13. All owners are expected to get their animals to the show table when their class is called. No classes will be re-judged due to missing rabbits.
14. The judging order will be posted in the showroom prior to judging.
15. Filing of pre-entry indicates acceptance of all rules and regulations. Livestock committee rules apply to record books, awards, etc. as specified by show superintendent for Market Rabbits.

**Showmanship:** Showmanship is required of all 4-H rabbit project members in each unit. Please remember to dress appropriately for Showmanship. Each 4-Her will show his/her project rabbit and be judged as follows:

Presenting the rabbit, appearance, actions and knowledge. Time will be limited.

70 points on presenting the rabbit

10 points on appearance

10 points on actions

10 points on knowledge

No rabbit is to be sold or onsite that is not entered in the county fair show. No rabbits under 6 weeks of age are allowed to be placed up for sale or permitted at the Fair. **NO RABBIT, EVEN IF SOLD, IS TO BE REMOVED FROM THE FAIR UNTIL SIGNED OUT BY THE SUPERINTENDENT.** All sale rabbits must be entered by scheduled pre-entry deadline to sell.

BREEDING RABBIT CATEGORIES:

**DIVISION- AMERICAN**

State Color on Entry

**CLASS:** Sr. Buck 9 - 11 lbs. Over 8 months  
**CLASS:** Sr. Doe 10 - 12 lbs. Over 8 months  
**CLASS:** Int. Buck Under 10 lbs. 6-8 months  
**CLASS:** Int. Doe Under 11 lbs. 6-8 months  
**CLASS:** Jr. Buck Under 9 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 9 lbs. Under 6 months  
**CLASS:** Pre-Jr. Buck Under 5 lbs. Under 3 months  
**CLASS:** Pre-Jr. Doe Under 5 lbs. Under 3 months

**DIVISION – AMERICAN FUZZY LOP**

State Color on Entry

**CLASS:** Sr. Buck Under 4 lbs. Over 6 months  
**CLASS:** Sr. Doe Under 4 lbs. Over 6 months  
**CLASS:** Jr. Buck Under 3 1/2 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 3 1/2 lbs. Under 6 months

**DIVISION – AMERICAN SABLE**

**CLASS:** Sr. Buck 7 - 9 lbs. Over 6 months  
**CLASS:** Sr. Doe 8 - 10 lbs. Over 6 months  
**CLASS:** Jr. Buck Under 8 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 9 lbs. Under 6 months

**DIVISION- ANGORA. ENGLISH**

State Color on Entry

**CLASS:** Sr. Buck 5 - 7 lbs. Over 6 months  
**CLASS:** Sr. Doe 5 - 7 1/2 lbs. Over 6 months  
**CLASS:** Jr. Buck Under 5 1/2 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 6 lbs. Under 6 months

**DIVISION – ANGORA. FRENCH**

State Color on Entry

**CLASS:** Sr. Buck 7 1/2 - 10 1/2 lbs. Over 6 months  
**CLASS:** Sr. Doe 7 1/2 - 10 1/2 lbs. Over 6 months  
**CLASS:** Jr. Buck Under 7 1/2 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 7 1/2 lbs. Under 6 months

**DIVISION – ANGORA. GIANT**

**CLASS:** Sr. Buck Over 9 1/2 lbs. Over 8 months  
**CLASS:** Sr. Doe Over 10 lbs. Over 8 months  
**CLASS:** Int. Buck 5 – 9 1/2 lbs. 6-8 months  
**CLASS:** Int. Doe 5 – 9 1/2 lbs. 6-8 months  
**CLASS:** Jr. Buck Under 4 3/4 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 4 3/4 lbs. Under 6 months

**DIVISION – ANGORA. SATIN**

**CLASS:** Sr. Buck 6 1/2 - 9 1/2 lbs. Over 6 months  
**CLASS:** Sr. Doe 6 1/2 - 9 1/2 lbs. Over 6 months  
**CLASS:** Jr. Buck Under 6 1/2 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 6 1/2 lbs. Under 6 months

**DIVISION – BELGIAN HARE**

**CLASS:** Sr. Buck 6 - 9 1/2 lbs. Over 6 months  
**CLASS:** Sr. Doe 6 - 9 1/2 lbs. Over 6 months  
**CLASS:** Jr. Buck Under 6 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 6 lbs. Under 6 months

**DIVISION – BEVEREN**

**CLASS:** Sr. Buck 8 - 11 lbs. Over 8 months  
**CLASS:** Sr. Doe 9 - 12 lbs. Over 8 months  
**CLASS:** Int. Buck Under 9 1/2 lbs. 6-8 months  
**CLASS:** Int. Doe Under 10 1/2 lbs. 6-8 months  
**CLASS:** Jr. Buck Under 8 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 9 lbs. Under 6 months  
**CLASS:** Pre-Jr. Buck Under 5 1/2 lbs. Under 3 months  
**CLASS:** Pre-Jr. Doe Under 5 1/2 lbs. Under 3 months

**DIVISION – BLANC de HOTO**

**CLASS:** Sr. Buck 8 - 10 lbs. Over 8 months  
**CLASS:** Sr. Doe 9 - 11 lbs. Over 8 months  
**CLASS:** Int. Buck Under 9 lbs. 6-8 months  
**CLASS:** Int. Doe Under 10 lbs. 6-8 months  
**CLASS:** Jr. Buck Under 8 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 9 lbs. Under 6 months  
**CLASS:** Pre-Jr. Buck Under 5 lbs. Under 3 months  
**CLASS:** Pre-Jr. Doe Under 5 lbs. Under 3 months

**DIVISION – BRITANNIA PETITE**

State Color on Entry

**CLASS:** Sr. Buck Under 2 1/2 lbs. Over 6 months  
**CLASS:** Sr. Doe Under 2 1/2 lbs. Over 6 months  
**CLASS:** Jr. Buck Under 1 1/4 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 1 1/4 lbs. Under 6 months

**DIVISION – CALIFORNIAN**

**CLASS:** Sr. Buck 8 - 10 lbs. Over 8 months  
**CLASS:** Sr. Doe 8 1/2 - 10 1/2 lbs. Over 8 months  
**CLASS:** Int. Buck Under 9 lbs. 6-8 months  
**CLASS:** Int. Doe Under 9 1/2 lbs. 6-8 months  
**CLASS:** Jr. Buck Under 8 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 8 1/2 lbs. Under 6 months  
**CLASS:** Pre-Jr. Buck Under 5 lbs. Under 3 months  
**CLASS:** Pre-Jr. Doe Under 5 lbs. Under 3 months

**DIVISION – CHAMPAGNE d'ARGENT**

**CLASS:** Sr. Buck 9 - 11 lbs. Over 8 months  
**CLASS:** Sr. Doe 9 1/2 - 12 1/2 lbs. Over 8 months  
**CLASS:** Int. Buck Under 10 lbs. 6-8 months  
**CLASS:** Int. Doe Under 10 1/2 lbs. 6-8 months  
**CLASS:** Jr. Buck Under 9 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 9 lbs. Under 6 months  
**CLASS:** Pre-Jr. Buck Under 6 lbs. Under 3 months  
**CLASS:** Pre-Jr. Doe Under 6 lbs. Under 3 months

**DIVISION – CHECKERD GIANT**

**CLASS:** Sr. Buck Over 11 lbs. Over 8 months  
**CLASS:** Sr. Doe Over 12 lbs. Over 8 months  
**CLASS:** Int. Buck Over 9 lbs. 6-8 months  
**CLASS:** Int. Doe Over 9 lbs. 6-8 months  
**CLASS:** Jr. Buck Over 6 lbs. Under 6 months  
**CLASS:** Jr. Doe Over 6 lbs. Under 6 months  
**CLASS:** Pre-Jr. Buck 4 – 7 lbs. Under 3 months  
**CLASS:** Pre-Jr. Doe 4 – 7 lbs. Under 3 months



**DIVISION – CHINCHILLA, AMERICAN**

**CLASS:** Sr. Buck 9 - 11 lbs. Over 8 months  
**CLASS:** Sr. Doe 10 – 12 lbs. Over 8 months  
**CLASS:** Int. Buck Under 10 lbs. 6-8 months  
**CLASS:** Int. Doe Under 11 lbs. 6-8 months  
**CLASS:** Jr. Buck Under 9 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 9 lbs. Under 6 months  
**CLASS:** Pre-Jr. Buck Under 6 lbs. Under 3 months  
**CLASS:** Pre-Jr. Doe Under 6 lbs. Under 3 months

**DIVISION – CHINCHILLA, GIANT**

**CLASS:** Sr. Buck 12 – 15 lbs. Over 8 months  
**CLASS:** Sr. Doe 13 – 16 lbs. Over 8 months  
**CLASS:** Int. Buck Under 14 lbs. 6-8 months  
**CLASS:** Int. Doe Under 15 lbs. 6-8 months  
**CLASS:** Jr. Buck Under 11 ½ lbs. Under 6 months  
**CLASS:** Jr. Doe Under 12 lbs. Under 6 months  
**CLASS:** Pre-Jr. Buck Under 8 lbs. Under 3 months  
**CLASS:** Pre-Jr. Doe Under 8 lbs. Under 3 months

**DIVISION – CHINCHILLA, STANDARD**

**CLASS:** Sr. Buck 5 - 7 lbs. Over 6 months  
**CLASS:** Sr. Doe 5 1/2 - 7 1/2 lbs. Over 6 months  
**CLASS:** Jr. Buck Under 5 1/2 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 6 lbs. Under 6 months

**DIVISION – CINNAMON**

**CLASS:** Sr. Buck 8 1/2-10 1/2 lbs. Over 8 months  
**CLASS:** Sr. Doe 9 - 11 lbs. Over 8 months  
**CLASS:** Int. Buck Under 10 lbs. 6-8 months  
**CLASS:** Int. Doe Under 10 lbs. 6-8 months  
**CLASS:** Jr. Buck Under 8 1/2 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 8 1/2 lbs. Under 6 months  
**CLASS:** Pre-Jr. Buck Under 5 1/2 lbs. Under 3 months  
**CLASS:** Pre-Jr. Doe Under 5 1/2 lbs. Under 3 months

**DIVISION – CRÈME d'ARGENT**

**CLASS:** Sr. Buck 8 -10 1/2 lbs. Over 8 months  
**CLASS:** Sr. Doe 8 1/2 - 11 lbs. Over 8 months  
**CLASS:** Int. Buck Under 8 1/2 lbs. 6-8 months  
**CLASS:** Int. Doe Under 9 1/2 lbs. 6-8 months  
**CLASS:** Jr. Buck Under 7 1/2 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 8 lbs. Under 6 months  
**CLASS:** Pre-Jr. Buck Under 5 lbs. Under 3 months  
**CLASS:** Pre-Jr. Doe Under 5 lbs. Under 3 months

**DIVISION – ARGENTE BRUN**

**CLASS:** Sr. Buck 8 -10 1/2 lbs. Over 8 months  
**CLASS:** Sr. Doe 8 1/2 - 11 lbs. Over 8 months  
**CLASS:** Int. Buck Under 8 1/2 lbs. 6-8 months  
**CLASS:** Int. Doe Under 9 1/2 lbs. 6-8 months  
**CLASS:** Jr. Buck Under 7 1/2 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 8 lbs. Under 6 months  
**CLASS:** Pre-Jr. Buck Under 5 lbs. Under 3 months  
**CLASS:** Pre-Jr. Doe Under 5 lbs. Under 3 months

**DIVISION – DUTCH**

State Color on Entry

**CLASS:** Sr. Buck 3 1/2 - 5 1/2 lbs. Over 6 months  
**CLASS:** Sr. Doe 3 1/2 - 5 1/2 lbs. Over 6 months  
**CLASS:** Jr. Buck Over 1 3/4 lbs. Under 6 months  
**CLASS:** Jr. Doe Over 1 3/4 lbs. Under 6 months

**DIVISION – DWARF HOTO**

State Color on Entry

**CLASS:** Sr. Buck Under 3 lbs. Over 6 months  
**CLASS:** Sr. Doe Under 3 lbs. Over 6 months  
**CLASS:** Jr. Buck Under 2 1/2 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 2 1/2 lbs. Under 6 months

**DIVISION – DWARF PAPILON**

State Color on Entry

**CLASS:** Sr. Buck 2 ½ - 4 ¼ lbs Over 6 months  
**CLASS:** Sr. Doe 2 ½ - 4 ¼ lbs Over 6 months  
**CLASS:** Jr. Buck Under 2 - 3 ¾ lbs. Under 6 months  
**CLASS:** Jr. Doe Under 2 - 3 ¾ lbs. Under 6 months

**DIVISION – ENGLISH SPOT**

State Color on Entry

**CLASS:** Sr. Buck 5 -8 lbs. Over 6 months  
**CLASS:** Sr. Doe 5 - 8 lbs. Over 6 months  
**CLASS:** Jr. Buck Under 6 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 6 lbs. Under 6 months

**DIVISION – FLEMISH GIANT**

State Color on Entry

**CLASS:** Sr. Buck Over 13 lbs. Over 8 months  
**CLASS:** Sr. Doe Over 14 lbs. Over 8 months  
**CLASS:** Int. Buck 6 1/2 - 13 lbs. 6-8 months  
**CLASS:** Int. Doe 6 1/2 - 14 lbs. 6-8 months  
**CLASS:** Jr. Buck Over 6 1/2 lbs. Under 6 months  
**CLASS:** Jr. Doe Over 6 1/2 lbs. Under 6 months

**DIVISION – FLORIDA WHITE**

**CLASS:** Sr. Buck 4 -6 lbs. Over 6 months  
**CLASS:** Sr. Doe 4 lbs. Over 6 months  
**CLASS:** Jr. Buck Under 4 ½ lbs. Under 6 months  
**CLASS:** Jr. Doe Under 4 ½ lbs. Under 6 months

**DIVISION – HARLEQUIN**

State Color on Entry

**CLASS:** Sr. Buck 6 ½ - 9 lbs. Over 6 months  
**CLASS:** Sr. Doe 7 – 9 ½ lbs. Over 6 months  
**CLASS:** Jr. Buck Under 7 ½ lbs. Under 6 months  
**CLASS:** Jr. Doe Under 8 lbs. Under 6 months

**DIVISION - HAVANA**

State Color on Entry

**CLASS:** Sr. Buck 4 ½ - 6 ½ lbs. Over 6 months  
**CLASS:** Sr. Doe 4 ½ - 6 ½ lbs. Over 6 months  
**CLASS:** Jr. Buck Under 5 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 5 lbs. Under 6 months

**DIVISION - HIMALAYAN**

State Color on Entry

**CLASS:** Sr. Buck 2 ½ - 4 ½ lbs. Over 6 months  
**CLASS:** Sr. Doe 2 ½ - 4 ½ lbs. Over 6 months  
**CLASS:** Jr. Buck Under 1 ¼ lbs. Under 6 months  
**CLASS:** Jr. Doe Under 1 ¼ lbs. Under 6 months

**DIVISION – HOLLAND LOP**

**State Color on Entry**

**CLASS:** Sr. Buck Under 4 lbs. Over 6 months  
**CLASS:** Sr. Doe Under 4 lbs. Over 6 months  
**CLASS:** Jr. Buck Over 2 lbs. Under 6 months  
**CLASS:** Jr. Doe Over 2 lbs. Under 6 months

**DIVISION – JERSEY WOOLY**

**State Color on Entry**

**CLASS:** Sr. Buck Under 3 ½ lbs. Over 6 months  
**CLASS:** Sr. Doe Under 3 ½ lbs. Over 6 months  
**CLASS:** Jr. Buck Under 1 ½ lbs. Under 6 months  
**CLASS:** Jr. Doe Under 1 ½ lbs. Under 6 months

**DIVISION – LILAC**

**CLASS:** Sr. Buck 5 ½ - 7 ½ lbs. Over 6 months  
**CLASS:** Sr. Doe 6 - 8 lbs. Over 6 months  
**CLASS:** Jr. Buck Under 6 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 6 ½ lbs. Under 6 months

**DIVISION – LIONHEAD**

**State Color on Entry**

**CLASS:** Sr. Buck 3 ¾ lbs. Over 6 months  
**CLASS:** Sr. Doe 3 ¾ lbs. Over 6 months  
**CLASS:** Jr. Buck Under 3 ½ lbs. Under 6 months  
**CLASS:** Jr. Doe Under 3 ½ lbs. Under 6 months

**DIVISION – LOP, ENGLISH**

**State Color on Entry**

**CLASS:** Sr. Buck Under 9 ½ lbs. Over 8 months  
**CLASS:** Sr. Doe Under 10 ½ lbs. Over 8 months  
**CLASS:** Int. Buck Under 10 lbs. 6-8 months  
**CLASS:** Int. Doe Under 11 lbs. 6-8 months  
**CLASS:** Jr. Buck Under 9 ½ lbs. Under 6 months  
**CLASS:** Jr. Doe Under 9 ½ lbs. Under 6 months

**DIVISION – LOP, FRENCH**

**State Color on Entry**

**CLASS:** Sr. Buck Over 11 lbs. Over 8 months  
**CLASS:** Sr. Doe Over 11 ½ lbs. Over 8 months  
**CLASS:** Int. Buck Under 12 lbs. 6-8 months  
**CLASS:** Int. Doe Under 12 ½ lbs. 6-8 months  
**CLASS:** Jr. Buck Under 11 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 11 lbs. Under 6 months

**DIVISION - LOP, MINI**

**State Color on Entry**

**CLASS:** Sr. Buck 4 ½ - 6 ½ lbs. Over 6 months  
**CLASS:** Sr. Doe 4 ½ - 6 ½ lbs. Over 6 months  
**CLASS:** Jr. Buck Under 6 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 6 lbs. Under 6 months

**DIVISION - LOP, VELVETEEN**

**State Color on Entry**

**CLASS:** Sr. Buck 5 - 6 ½ lbs. Over 6 months  
**CLASS:** Sr. Doe 5 - 6 ½ lbs. Over 6 months  
**CLASS:** Jr. Buck 3 ½ - 5 lbs. Under 6 months  
**CLASS:** Jr. Doe 3 ½ - 5 lbs. Under 6 months

**DIVISION –MINI REX**

**State Color on Entry**

**CLASS:** Sr. Buck 3 - 4 ¼ lbs. Over 6 months  
**CLASS:** Sr. Doe 3 ¼ - 4 ½ lbs. Over 6 months  
**CLASS:** Jr. Buck Under 3 ¾ lbs. Under 6 months  
**CLASS:** Jr. Doe Under 3 ¾ lbs. Under 6 months

**DIVISION – MINI SATIN**

**State Color on Entry**

**CLASS:** Sr. Buck 3 ¼ - 4 ¾ lbs. Over 6 months  
**CLASS:** Sr. Doe 3 ¼ - 4 ¾ lbs. Over 6 months  
**CLASS:** Jr. Buck Under 4 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 4 lbs. Under 6 months

**DIVISION – NETHERLAND DWARF**

**State Color on Entry**

**CLASS:** Sr. Buck Under 2 ½ lbs. Over 6 months  
**CLASS:** Sr. Doe Under 2 ½ lbs. Over 6 months  
**CLASS:** Jr. Buck Under 2 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 2 lbs. Under 6 months

**DIVISION – NEW ZEALAND**

**State Color on Entry**

**CLASS:** Sr. Buck 9 - 11 lbs. Over 8 months  
**CLASS:** Sr. Doe 10 – 12 lbs. Over 8 months  
**CLASS:** Int. Buck Under 10 lbs. 6-8 months  
**CLASS:** Int. Doe Under 11 lbs. 6-8 months  
**CLASS:** Jr. Buck Under 9 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 9 lbs. Under 6 months  
**CLASS:** Pre-Jr. Buck Under 6 lbs. Under 3 months  
**CLASS:** Pre-Jr. Doe Under 6 lbs. Under 3 months

**DIVISION - PALOMINO**

**State Color on Entry**

**CLASS:** Sr. Buck 8 – 10 lbs. Over 8 months  
**CLASS:** Sr. Doe 9 – 11 lbs. Over 8 months  
**CLASS:** Int. Buck Under 9 lbs. 6-8 months  
**CLASS:** Int. Doe Under 9 ½ lbs. 6-8 months  
**CLASS:** Jr. Buck Under 8 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 8 ½ lbs. Under 6 months  
**CLASS:** Pre-Jr. Buck Under 5 lbs. Under 3 months  
**CLASS:** Pre-Jr. Doe Under 5 lbs. Under 3 months

**DIVISION – POLISH**

**State Color on Entry**

**CLASS:** Sr. Buck Under 3 ½ lbs. Over 6 months  
**CLASS:** Sr. Doe Under 3 ½ lbs. Over 6 months  
**CLASS:** Jr. Buck Under 2 ½ lbs. Under 6 months  
**CLASS:** Jr. Doe Under 2 ½ lbs. Under 6 months

**DIVISION – REX**

**State Color on Entry**

**CLASS:** Sr. Buck 7 ½ - 9 ½ lbs. Over 6 months  
**CLASS:** Sr. Doe 8 – 10 ½ lbs. Over 6 months  
**CLASS:** Jr. Buck Under 8 lbs. Under 6 months  
**CLASS:** Jr. Doe Under 8 ½ lbs. Under 6 months

**DIVISION – RHINELANDER REX**

**State Color on Entry**

**CLASS:** Sr. Buck 6 ½ - 9 ½ lbs. Over 6 months  
**CLASS:** Sr. Doe 7 – 10 lbs. Over 6 months  
**CLASS:** Jr. Buck Over 3 ¾ lbs. Under 6 months  
**CLASS:** Jr. Doe Over 3 ¾ lbs. Under 6 months



### **DIVISION - SATIN**

#### **State Color on Entry**

<b>CLASS:</b> Sr. Buck	8 1/2 – 10 1/2 lbs.	Over 8 months
<b>CLASS:</b> Sr. Doe	9 - 11 lbs.	Over 8 months
<b>CLASS:</b> Int. Buck	Under 9 lbs.	6-8 months
<b>CLASS:</b> Int. Doe	Under 9 1/2 lbs.	6-8 months
<b>CLASS:</b> Jr. Buck	Under 8 lbs.	Under 6 months
<b>CLASS:</b> Jr. Doe	Under 8 1/2 lbs.	Under 6 months

### **DIVISION – SILVER**

#### **State Color on Entry**

<b>CLASS:</b> Sr. Buck	4 - 7 lbs.	Over 6 months
<b>CLASS:</b> Sr. Doe	4 - 7 lbs.	Over 6 months
<b>CLASS:</b> Jr. Buck	Under 5 lbs.	Under 6 months
<b>CLASS:</b> Jr. Doe	Under 5 lbs.	Under 6 months

### **DIVISION – SILVER FOX**

<b>CLASS:</b> Sr. Buck	9 - 11 lbs.	Over 8 months
<b>CLASS:</b> Sr. Doe	10 - 12 lbs.	Over 8 months
<b>CLASS:</b> Int. Buck	Under 10 lbs.	6-8 months
<b>CLASS:</b> Int. Doe	Under 10 1/2 lbs.	6-8 months
<b>CLASS:</b> Jr. Buck	Under 9 lbs.	Under 6 months
<b>CLASS:</b> Jr. Doe	Under 9 lbs.	Under 6 months
<b>CLASS:</b> Pre-Jr. Buck	Under 5 lbs.	Under 3 months
<b>CLASS:</b> Pre-Jr. Doe	Under 5 lbs.	Under 3 months

### **DIVISION – SILVER MARTEN**

#### **State Color on Entry**

<b>CLASS:</b> Sr. Buck	6 1/2 - 9 lbs.	Over 6 months
<b>CLASS:</b> Sr. Doe	7 – 9 1/2 lbs.	Over 6 months
<b>CLASS:</b> Int. Buck	Under 9 lbs.	6-8 months
<b>CLASS:</b> Int. Doe	Under 9 1/2 lbs.	6-8 months
<b>CLASS:</b> Jr. Buck	Under 7 lbs.	Under 6 months
<b>CLASS:</b> Jr. Doe	Under 7 1/2 lbs.	Under 6 months
<b>CLASS:</b> Pre-Jr. Buck	Under 5 lbs.	Under 3 months
<b>CLASS:</b> Pre-Jr. Doe	Under 5 lbs.	Under 3 months

### **DIVISION – TAN**

#### **State Color on Entry**

<b>CLASS:</b> Sr. Buck	4 – 5 1/2 lbs.	Over 6 months
<b>CLASS:</b> Sr. Doe	4 – 5 1/2 lbs.	Over 6 months
<b>CLASS:</b> Jr. Buck	Over 2 lbs.	Under 6 months
<b>CLASS:</b> Jr. Doe	Over 2 lbs.	Under 6 months

### **DIVISION - THIANTA TAN**

<b>CLASS:</b> Sr. Buck	4 – 6 lbs.	Over 6 months
<b>CLASS:</b> Sr. Doe	4 – 6 lbs.	Over 6 months
<b>CLASS:</b> Jr. Buck	Under 5 lbs.	Under 6 months
<b>CLASS:</b> Jr. Doe	Under 5 lbs.	Under 6 months

### **DIVISION - ANY CROSSBRED**

#### **Will be judged on quality**

<b>CLASS:</b> Sr. Buck		Over 6 months
<b>CLASS:</b> Sr. Doe		Over 6 months
<b>CLASS:</b> Jr. Buck		Under 6 months
<b>CLASS:</b> Jr. Doe		Under 6 months

### **DIVISION – ANY CROSSBRED OR OTHER**

#### **Will be judged on breed standard**

<b>CLASS 1191:</b> Sr. Buck	Over 6 months
<b>CLASS 1192:</b> Sr. Doe	Over 6 months
<b>CLASS 1193:</b> Jr. Buck	Under 6 months
<b>CLASS 1194:</b> Jr. Doe	Under 6 months

### **Division: RABBIT OTHER CLASSES**

#### **Pet/Companion Rabbit Rules**

Pet Rabbit classes will be judged as a combination of an oral statement by the exhibitor and an examination of the rabbit. Exhibitors must be prepared with an oral statement (maximum of 5 minutes) introducing themselves, their pet and giving some information both about rabbits in general as well as specifics about their pet rabbit. Rabbits will not be judged by ARBA breed standards, but rather by the condition and behavior of the animal.

No more than 2 entries per exhibitor in this class.

#### **Classes:**

**Junior Pet Class** (8-10 years of age as of Dec. 31, of the current 4-H year)

**Intermediate Pet Class** (11-13 years of age as of Dec. 31, of the current 4-H year)

**Senior Pet Class** (14-18 years of age as of Dec. 31, of the current 4-H year)

#### **Pet Rabbit Class Judging Guidelines:**

Introduction of exhibitor and rabbit; demonstrates knowledge of rabbits and of their pet (50 points)  
Rabbit quality and appearance (general condition, grooming, health, demeanor) (50 points)

### **Division: MARKET RABBIT**

#### **Classes:**

##### **Meat Pen**

##### **\*\*Single Fryer**

#### **Meat Pen Rules**

Meat pens shall consist of three rabbits, all of the same breed and variety. Commercial Class breeds are recommended. Rabbits will be judged according to meat pen standards set by ARBA Standards of Perfection.

No more than 2 entries per exhibitor in this class.

#### **Requirements**

- 3 rabbits, same breed and variety (not necessary for all three to be from the same litter)
- Not over 70 days of age.
- Minimum weight of 3.5 pounds; Maximum weight of 5.5 pounds. Rabbits must be weighed at

check-in. If one or more rabbits of a group does not meet the weight requirements, you may choose to enter up to 2 in the fryer class.

- Rabbits do not need to have been bred by the youth; however, purchased rabbits must be under the physical care of the youth on or before July 15.
- If any one rabbit in the pen is disqualified from competition, the entire pen becomes disqualified.

Judging Guidelines:

Meat Type	40 pts.
Condition of Flesh	30 pts.
Uniformity of weight and size	20 pts.
Fur	10 pts.

### Single Fryer Rules

\*\* This class is not eligible for the Junior Livestock Sale. It will be judged according to meat pen standards set by ARBA Standards of Perfection.

No more than 2 entries per exhibitor in this class.

Class Requirements:

- Not over 70 days of age
- Minimum weight of 3.5 pounds; Maximum weight 5.5 pounds.
- Fryers are to possess the same qualities as a met pen, but are judged as a single rabbit on its own merit.

Judging Guidelines:

Meat Type	45 pts.
Condition of Flesh	35 pts.
Fur	20 pts.

NOTE: Californian meat pens and single fryers with frosting due to genetics or nest box chilling shall not be disqualified.

## Division: BREEDING RABBIT

**Class:**

\*\*Doe and Litter

\*\*Babies must be at least 6 weeks old to participate in this class and not older than 8 weeks.

No more than 2 entries per exhibitor in this class.

### Doe & Litter Rules

- Babies must be at least 6 weeks (42 days) old and no more than 8 weeks (56 days) old to participate in this class.
- All members of the litter must have a permanent and legible earmark in the left ear.
- Doe & litter will be judged as a group and be cooped together in a pen of the appropriate size. Litters where the kits have been weaned and separated before judging do not qualify.
- Litter must be of the same DOB and are legitimate offspring of the doe (no fostering allowed).
- The DOB of the litter, as well as the original numbers of live kits must be entered on the scoresheet during the check in process.
- Exhibitor must provide a photo of the sire of the litter, along with Breed, Variety, and Ear #
- Doe to be judged according to ARBA breed standards. If a crossbreed is used the exhibitor must declare which breed they want the doe/kits judged as.
- Litter will be judged on: uniformity, being proper representatives of the breed, colors, and condition of the litter as a group, including no structural disqualifications.

## Division: RABBIT SHOWMANSHIP

**Classes:**

Junior Rabbit Showmanship (8-10 years of age as of Dec. 31, of the current 4-H year)

Intermediate Rabbit Showmanship (11 – 13 years of age as of Dec. 31, of the current 4-H year)

Senior Rabbit Showmanship (14 – 18 years of age as of Dec. 31, of the current 4-H year)

Novice Showmanship (Only 1<sup>st</sup> year rabbit members may enter this class. Youth of any age can enter this class. Five entries required to hold Novice class.)

## CAVY

### Superintendent:

**All cavy must be owned by the 4-H member before May 1**, All project cavies must be ID'd in 4HOnline by May 1. They must be entered in the actual owner's name. Proof of ownership (ex. bill of sale, gift receipt, pedigree) is required by the above dates, and must include cavy ID and tattoo number.

#### Rules:

1. All cavy entered in the fair are subject to the general livestock rules.
2. **Cavy must be in caging area one hour prior to start of the show or they will not be allowed to show.**
3. **All cavy must be watered, fed and area cleaned by 9 a.m. each day**
4. Exhibitors are responsible for the feeding and care of their own cavy. Shavings must be provided by the 4-Her.
5. No cavies fewer than 8 weeks of age will be permitted in the show room at any time.
6. All cavies must have permanent identification prior to fair entry.
7. No cavy breeding will be permitted on the fairgrounds.
8. Any cavy of ill health or diseased will be eliminated and removed from the showroom. They must have a veterinary certificate dated that day to be returned to the showroom.
9. Each exhibitor will be allowed to enter no more than 5 entries per class.
10. All exhibitors must participate in showmanship.
11. Substitutions will be allowed within the same class, at the discretion of the superintendent and extension agent.
12. ARBA rules will apply to all classes of cavies to be judged, however, cavies will not be disqualified just placed at the bottom of the class. The pet classes will be judged based on the rules outlined in the Rabbit Pet Class section. This is not an ARBA sanctioned show

#### DIVISION – AMERICAN

**CLASS:** Sr. Boar 22 - 32 oz. Over 6 months  
**CLASS:** Sr. Sow 22 – 32 oz. Over 6 months  
**CLASS:** Int. Boar 22 – 32 oz. 4-6 months  
**CLASS:** Int. Sow 22 – 32 oz. 4-6 months  
**CLASS:** Jr. Boar 12 – 22 oz. Under 4 months  
**CLASS:** Jr. Sow 12 – 22 oz. Under 4 months

#### DIVISION – PERUVIAN

**CLASS:** Sr. Boar 22 - 32 oz. Over 6 months  
**CLASS:** Sr. Sow 22 – 32 oz. Over 6 months  
**CLASS:** Int. Boar 22 – 32 oz. 4-6 months  
**CLASS:** Int. Sow 22 – 32 oz. 4-6 months  
**CLASS:** Jr. Boar 12 – 22 oz. Under 4 months  
**CLASS:** Jr. Sow 12 – 22 oz. Under 4 months

#### DIVISION – TEDDY

**CLASS:** Sr. Boar 22 - 32 oz. Over 6 months  
**CLASS:** Sr. Sow 22 – 32 oz. Over 6 months  
**CLASS:** Int. Boar 22 – 32 oz. 4-6 months  
**CLASS:** Int. Sow 22 – 32 oz. 4-6 months  
**CLASS:** Jr. Boar 12 – 22 oz. Under 4 months  
**CLASS:** Jr. Sow 12 – 22 oz. Under 4 months

#### DIVISION – ABYSSINIAN

**CLASS:** Sr. Boar 22 - 32 oz. Over 6 months  
**CLASS:** Sr. Sow 22 – 32 oz. Over 6 months  
**CLASS:** Int. Boar 22 – 32 oz. 4-6 months  
**CLASS:** Int. Sow 22 – 32 oz. 4-6 months  
**CLASS:** Jr. Boar 12 – 22 oz. Under 4 months  
**CLASS:** Jr. Sow 12 – 22 oz. Under 4 months

#### DIVISION – CORONET

**CLASS:** Sr. Boar 22 - 32 oz. Over 6 months  
**CLASS:** Sr. Sow 22 – 32 oz. Over 6 months  
**CLASS:** Int. Boar 22 – 32 oz. 4-6 months  
**CLASS:** Int. Sow 22 – 32 oz. 4-6 months  
**CLASS:** Jr. Boar 12 – 22 oz. Under 4 months  
**CLASS:** Jr. Sow 12 – 22 oz. Under 4 months

#### DIVISION – TEXEL

**CLASS:** Sr. Boar 22 - 32 oz. Over 6 months  
**CLASS:** Sr. Sow 22 – 32 oz. Over 6 months  
**CLASS:** Int. Boar 22 – 32 oz. 4-6 months  
**CLASS:** Int. Sow 22 – 32 oz. 4-6 months  
**CLASS:** Jr. Boar 12 – 22 oz. Under 4 months  
**CLASS:** Jr. Sow 12 – 22 oz. Under 4 months

#### DIVISION – SATIN ABYSSINIAN

**CLASS:** Sr. Boar 22 - 32 oz. Over 6 months  
**CLASS:** Sr. Sow 22 – 32 oz. Over 6 months  
**CLASS:** Int. Boar 22 – 32 oz. 4-6 months  
**CLASS:** Int. Sow 22 – 32 oz. 4-6 months  
**CLASS:** Jr. Boar 12 – 22 oz. Under 4 months  
**CLASS:** Jr. Sow 12 – 22 oz. Under 4 months

#### DIVISION – AMERICAN SATIN

**CLASS:** Sr. Boar 22 - 32 oz. Over 6 months  
**CLASS:** Sr. Sow 22 – 32 oz. Over 6 months  
**CLASS:** Int. Boar 22 – 32 oz. 4-6 months  
**CLASS:** Int. Sow 22 – 32 oz. 4-6 months  
**CLASS:** Jr. Boar 12 – 22 oz. Under 4 months  
**CLASS:** Jr. Sow 12 – 22 oz. Under 4 months

#### DIVISION – PERUVIAN SATIN

**CLASS:** Sr. Boar 22 - 32 oz. Over 6 months  
**CLASS:** Sr. Sow 22 – 32 oz. Over 6 months  
**CLASS:** Int. Boar 22 – 32 oz. 4-6 months  
**CLASS:** Int. Sow 22 – 32 oz. 4-6 months  
**CLASS:** Jr. Boar 12 – 22 oz. Under 4 months  
**CLASS:** Jr. Sow 12 – 22 oz. Under 4 months

**DIVISION – TEDDY SATIN**

**CLASS:** Sr. Boar 22 - 32 oz. Over 6 months  
**CLASS:** Sr. Sow 22 – 32 oz. Over 6 months  
**CLASS:** Int. Boar 22 – 32 oz. 4-6 months  
**CLASS:** Int. Sow 22 – 32 oz. 4-6 months  
**CLASS:** Jr. Boar 12 – 22 oz. Under 4 months  
**CLASS:** Jr. Sow 12 – 22 oz. Under 4 months

**DIVISION – SILKIE SATIN**

**CLASS:** Sr. Boar 22 - 32 oz. Over 6 months  
**CLASS:** Sr. Sow 22 – 32 oz. Over 6 months  
**CLASS:** Int. Boar 22 – 32 oz. 4-6 months  
**CLASS:** Int. Sow 22 – 32 oz. 4-6 months  
**CLASS:** Jr. Boar 12 – 22 oz. Under 4 months  
**CLASS:** Jr. Sow 12 – 22 oz. Under 4 months

**DIVISION – SILKE**

**CLASS:** Sr. Boar 22 - 32 oz. Over 6 months  
**CLASS:** Sr. Sow 22 – 32 oz. Over 6 months  
**CLASS:** Int. Boar 22 – 32 oz. 4-6 months  
**CLASS:** Int. Sow 22 – 32 oz. 4-6 months  
**CLASS:** Jr. Boar 12 – 22 oz. Under 4 months  
**CLASS:** Jr. Sow 12 – 22 oz. Under 4 months

**DIVISION – WHITE CRESTED**

**CLASS:** Sr. Boar 22 - 32 oz. Over 6 months  
**CLASS:** Sr. Sow 22 – 32 oz. Over 6 months  
**CLASS:** Int. Boar 22 – 32 oz. 4-6 months  
**CLASS:** Int. Sow 22 – 32 oz. 4-6 months  
**CLASS:** Jr. Boar 12 – 22 oz. Under 4 months  
**CLASS:** Jr. Sow 12 – 22 oz. Under 4 months

**DIVISION – PETS, CROSSBRED, ANY OTHER**

**CLASS:** Sr. Boar 22 - 32 oz. Over 6 months  
**CLASS:** Sr. Sow 22 – 32 oz. Over 6 months  
**CLASS:** Int. Boar 22 – 32 oz. 4-6 months  
**CLASS:** Int. Sow 22 – 32 oz. 4-6 months  
**CLASS:** Jr. Boar 12 – 22 oz. Under 4 months  
**CLASS:** Jr. Sow 12 – 22 oz. Under 4 months

**Division: CAVY SHOWMANSHIP**

**Classes:**

Junior Cavy Showmanship (8-10 years of age as of Dec. 31, of the current 4-H year)

Intermediate Cavy Showmanship (11 – 13 years of age as of Dec. 31, of the current 4-H year)

Senior Cavy Showmanship (14 – 18 years of age as of Dec. 31, of the current 4-H year)

Novice Cavy Showmanship (Only 1<sup>st</sup> year cavy members may enter this class. Youth of any age can enter this class. Five entries required to hold Novice class.)

# HORSE

Superintendent: Jennifer Dailey

## HORSE SHOW RULES:

1. All 4-H members must show at the Jeffco 4-H Fair in order to be eligible to show at the Colorado State Fair.
2. It is the responsibility of every 4-H member to ensure that proper care is taken of their horse according to acceptable methods of good equine husbandry, as set forth by Colorado State University Extension and Colorado Department of Agriculture. A healthy horse requires sufficient food, water, shelter and correct health care. Cruel and inhumane training methods are not appropriate in the Colorado 4-H Horse Program. Specific equine husbandry guidelines and humane training methods are provided in the Colorado 4-H Horse Project Manual.
3. No horse or pony may be shown in any class at a 4-H show if it has a forbidden substance such as any stimulant, depressant or local anesthetic which might affect the performance of a horse (stimulants and depressants are defined as medications which stimulate or depress the circulatory, respiratory or central nervous systems.) Also prohibited are any drugs, regardless of how harmless or innocuous they might be, which by their nature might mask or screen the presence of the aforementioned prohibited drugs, or prevent or delay testing procedures. The use of these drugs will be considered physical abuse and the youth will be disqualified from participation in other classes. The full use of modern therapeutic measures including phenylbutazone for the improvement and protection of the health of the horse is permitted, unless the treatment may also stimulate or depress the circulatory, respiratory or central nervous systems.
4. Ownership is not required in Horse Project classes but the exhibitor must have had the major responsibility of the management, care and training of horses during the club year. 4-H horse leaders may be called upon to attest to this fact. A signed lease agreement is required to be filed in the Extension Office by May 1 when the member or immediate family does not own the horse. No horse that is rented by a child at any time, whether it is for riding, instruction, or showing, may be used as a 4-H project horse.
5. Horses may be shared provided that each member has identified the horse under their 4HOnline profile by May 1 annually and that the horse is not shared by members in the same age division/level in rail classes or classes where members need to be mounted in the arena at the same time.
6. **1) A Health Certificate may be required and must be provided at the time of arrival to the Jefferson County Fairgrounds. If required, it must be no more than five days old prior to the day of arrival at the Jeffco 4-H Fair Horse Show. The Horse Show management has the right to change the health requirements prior to the start of Fair if there is a disease outbreak in Colorado or the neighboring states. Please check with the Extension Agent or Horse Show Superintendent prior to coming to see if the Health Requirements have changed.** Horses entering the grounds may be subject to examination by a veterinarian. Any animal found showing evidence of infectious, contagious, or communicable diseases may be immediately withdrawn from the show and held in quarantine at owner's risk and expense until properly treated and recovered, or until properly released in order to return to owner's premises following treatment.  
**2) Equine Infectious Anemia – No Coggins test required to show at fair.**
7. The most current version of the Colorado 4-H Horse show Rulebook will govern all classes.
8. Rule 1, 20 and 21 out of the Colorado 4-H Rulebook will be **strictly enforced**.  
**Rule 1:** A 4-H member is responsible for knowing the specific rules of the show in which he or she has entered. The rules of this book (the Colorado 4-H Horse Show Rule Book) apply to the Colorado 4-H Horse Program.  
**Rule 20:** Exhibitors, parents, leaders, and spectators need to request permission from show management to approach a judge to ask questions or ask for critique. Under no circumstances may an exhibitor, parent, leader or spectator badger, insult or be argumentative with a judge, ring steward, **volunteers** or show management. Any flagrant display of poor sportsmanship or affront to the judge or ring steward, by or on behalf of the exhibitor, may result in exclusion of the exhibitor from competition and forfeiture of awards **or points** and/or expulsion from the show grounds for the

person and/or exhibitor. Refer to the 4-H code of conduct.

**Rule 21:** The management may, at its discretion, expel any person or persons abusing any horse on the grounds at any time, and **awards and points** will be forfeited. In any 4-H class, horses showing signs of undue stress or inhumane treatment must be penalized. Any horse exhibited in a class that has evidence of abuse, a cut or abrasion showing clear evidence of fresh blood in the mouth, nose, chin, shoulder, barrel, flank or hip area, must be considered to be ineligible to receive an award in that class. If a body condition score of 2 or less is assigned to any horse by the show manager, judge or veterinarian, that horse is ineligible to compete in any 4-H show or activity.

9. Exhibitors/parents/trainers will not be permitted to directly approach judges **during the show under any circumstances**. Any and all questions or comments must be directed through the Extension Agent or Horse Show Superintendent. **The judge may take questions after the show is over per individual discretion. An announcement will be made if this is the case.**
10. No stallions are permitted in 4-H classes or on the grounds during the Jeffco 4-H Fair.
11. Exhibitors must pre-register for classes. No changes will be allowed on the day of the horse show; number 22 lists the exception to this rule.
12. Exhibitors will be disqualified and excused from the remainder of the fair and from the fairgrounds for any unsportsmanlike conduct or abusive action to a horse at the discretion of Extension agent/superintendent. Mounts must be under control at all times and handled in a safe manner. Any exhibitor not adhering to the above rule will be disqualified. All prizes and awards will be forfeited.
13. a. **Members must sign up for an interview by fair enrollment deadline. Interviews will take place on Saturday, July 27th. If you do not complete an interview, you cannot show.**  
b. **Record books of all 4-H horse exhibitors must be completed and turned in at the time of Interview Judging in order to show at Jeffco 4-H Fair. Any conflicts must be worked out with the Agent prior to the interview day. Record books**

**not turned in at or before Interview Judging will not be judged.**

14. All 4-H exhibitors will be required to take a written examination based on their age division. The questions will be taken from the 4-H Horse Manual and the Colorado 4-H Horse Rulebook. The test will be administered on Saturday, July 27th. Tests are used as tie breakers.
15. Disqualification is at the discretion of the Judge.
16. **Showmanship is required for all participants, for English & Western points to count toward show and year-end high point.** You can show in English or Western attire.
  1. **Winners in each age division of Showmanship (except walk/trot/jog) will qualify for Round Robin and will come back the last Sunday of fair to compete in the competition. If you cannot come back for Round Robin (or cannot bring your horse), please let the Extension Agent and/or Superintendent know right away so we can offer the spot to the 2<sup>nd</sup> place winner.**
17. All classes except gymkhana will be placed based on the judge's decision. In the event of a high point tie, the written test score will serve as a tie breaker. If a 2<sup>nd</sup> tiebreaker is needed showmanship placing will be used for pleasure and poles will be used for gymkhana. Classes will be awarded 1<sup>st</sup> through 10<sup>th</sup> place.
18. Gymkhana classes will be placed with the lowest timed score first in adherence to current rule book protocol for runs free of disqualifications. Classes will be awarded 1<sup>st</sup> through 10<sup>th</sup> place.
19. **Members may show as a beginner for only one year and must have a completed horse safety test on file in the extension office by the FairEntry deadline in order to show. If you have participated at this level previously, you are required to ride up to Level I in your specific age group.** Beginner classes do not count towards Year End high point.
20. Decisions of the judges, Extension Agent and/or superintendent will be final.
21. Horse Show management and the Jefferson County Extension Agent reserve the right to combine or cancel classes due to lack of entries. Management also reserves the right to amend or



change rules or change times of classes prior to judging. Exhibitors will be given due notice of any changes made.

22. Exhibitors may use more than 1 horse in the same level in different classes but are restricted to one entry per class **including showmanship**. Example: one horse can be used for English, and another for Western. High Point will be awarded based on one horse-one rider combination and **points will only qualify on the horse used in showmanship**. Horses must have been **ID'ed and approved in 4HOnline** with the 4-H office by May 1 of the current year and must also be listed in the member's record book. **If no ID is on file, the exhibitor can enter as exhibition, but will not receive any points or awards for daily or yearend high point. No substitutions will be allowed unless there is a medical reason. The substitute must meet the requirements stated and have been arranged ahead of time with the agent and superintendent. The exhibitor may show for participation awards only if the above conditions are not met; placement ribbons will be awarded but points will not count.**

23. Each horse member must have an Animal Care Form on file in the 4-H office by May 1 to be eligible to compete at the county fair. All project horses must be ID'd in 4HOnline by May 1.

**24. Members must be Level I by the FairEntry deadline in order to compete in Gymkhana classes.**

25. If an entry needs to scratch any classes, permission must be obtained from the superintendent **AND extension agent** before doing so. There will be a fee charged for classes dropped after the fair entry deadline, unless a horse dies, becomes unsound, or does not pass the health certification.

26. **Dropped Class Fee** - Any classes that are dropped the first couple days after Fair Entry deadline (July 10-12, 2024) may be dropped free of charge. From July 13-19, a \$5 administrative fee will be assessed per dropped class. Beginning July 20 any dropped class will have a \$10 administrative fee assessed.

27. There will be no riding among the fair spectators, exhibit halls or grandstands. When on the fairgrounds, **riders must walk their horses at all times**, except when showing in the arena. **No bareback riding allowed on grounds. Helmets must be one anytime you are mounted except in ring in a class where a helmet is not required (ie,**

**Western classes)**. Riders who do not follow this policy may risk forfeiting all awards and being excused from the fairgrounds. **Do not open fences/panels to create gates; please contact the Extension Agent to open gates if access is needed**. Fairgrounds/Extension staff are at liberty to excuse any rider at any time for not following these rules.

28. Animals must be under control at all times as determined by Horse Show officials or they will be excused from the ring, with the possibility of being excused from the remainder of the show.
29. Stalls are available on **Sunday night (for a fee)** through reservation with the Jefferson County Fairgrounds. **Email the Extension Agent by June 15 to reserve a stall.**
30. All exhibitors are required to be in 4-H appropriate attire that follows the dress code when accepting their awards.
31. Showbill and patterns will be available at least one week prior to the show. The showbill will note which classes count towards show day and year end high point. You must bring your own copy of the patterns to the show; copies will not be provided on show day.
32. No awards will be mailed to individuals. Awards remaining in the 4-H office one month after fair completion will be disposed of.
33. 4-H Sportsmanship Guidelines will be followed. Any confirmed incident of unsportsmanlike behavior will result in disqualification from show high point awards and for show points to count toward Jeffco Year-End High Point.
34. There will be no excessive coaching from the rail during classes at the Jeffco 4-H Fair as determined by Horse Show officials.
35. **Your back number will be provided via email and will be the same number used all season based on the horse you have registered. You must print and bring your back number along with pins or magnets to hold it on. If you cannot print, please contact the Agent one week in advance, or neatly write your number with a large black marker on a half sheet of paper. Numbers will not be provided at the show.**
36. **All efforts will be made by Fairgrounds staff to have the warmup arena open for use one hour prior to the show. Weather cannot be**



accounted for, and may require additional preparation time.

### MINIATURE HORSE

1. Miniature horses are defined as 38: and under at the last hair on the mane at mature age (3 or over).
2. Miniature horse points will not count towards year end high point.
3. Miniature horse showmanship winners do not qualify for round robin.
4. Members must be enrolled in the miniature horse project to be eligible to show a miniature horse.
5. Miniature Horse Trail in Hand rules:
  - a. Classes are to be judged on the manner of the horse's performance through the course
  - b. Refusal of three (3) obstacles shall be cause for disqualification.

### HIGH POINT AWARDS

1. English High Point and Reserve High Point will be awarded by age group for these classes:
  - a. Showmanship, English Equitation, English Riding Control, English Rail, Show Hack, and Hunter Hack.
2. Western High Point and Reserve High Point will be awarded by age group for these classes:
  - a. Showmanship, Western Horsemanship, Western Riding Control, Western Reining, Western Trail, Western Rail, Ranch Riding, Ranch Horsemanship and Ranch Rail.
3. Gymkhana High Point and Reserve High Point will be awarded by age group for all gymkhana classes.
4. All classes except walk trot that don't require you to be Level II or above count towards year end high point. Walk trot will count towards daily high point only. The showbill will display which classes count toward end of year high point.

### POINTS SYSTEM

1. Points for fair will be based on placing up to 10<sup>th</sup> place.
2. To earn the maximum number of points there must be at least 10 riders in the class.
3. See graphic at bottom of page.

### OTHER AWARDS

1. Herdsman Award
  - a. This award is designed to encourage and acknowledge the good work of the 4-H exhibitor as they care for their horse and work effectively with others. Some items that will be considered are as follows (Note these must be done by the exhibitor not their parents):
    - i. Keep food and water available to your horse between classes.
    - ii. Dress in proper attire while showing.
    - iii. Properly groom and prepare your horse for showing.
    - iv. Show respect - consideration - proper attitude and cooperation toward ALL animals, members, equipment, supplies and facilities as well as judges and spectators.
    - v. Always clean up after your horse and others.
    - vi. Help clean up at the end of the show.
    - vii. Have a positive, encouraging attitude towards everyone.
  - b. This will be awarded at the end of the horse show day 2 after feedback from pre-determined anonymous judges, and both days will be taken into consideration for this award.

		# of riders									
		10	9	8	7	6	5	4	3	2	1
Placing & Points	1st	10	9	8	7	6	5	4	3	2	1
	2nd	9	8	7	6	5	4	3	2	1	
	3rd	8	7	6	5	4	3	2	1		
	4th	7	6	5	4	3	2	1			
	5th	6	5	4	3	2	1				
	6th	5	4	3	2	1					
	7th	4	3	2	1						
	8th	3	2	1							
	9th	2	1								
	10th	1									

- c. Only one (1) exhibitor will be given this award.
- d. No points will be given for this award.

**2. Best Decorated Horse Award**

- a. This award will be given on gymkhana day based on anonymous feedback from various parents/leaders/spectators.
- b. The horse/rider that is determined to be the best decorated will win the award.
- c. No points will be given for this award.
- d. Costumes and Decorations must be safe and may not interfere with riding or spook other horses.

**GENERAL HORSE CLASSES  
Rodeo Arena**

- 1. The gate attendant will have the class order and order of go for each class.
- 2. Classes are divided by age group. Classes may not be run in the same order as listed. The superintendent and agent reserve the right to create, change or delete classes as deemed necessary.
- 3. Small classes may be combined with other age but will be judged separately.

**Division: ENGLISH HORSE CLASSES  
Sunday – 8:30 AM**

**English Rail**

**Classes: (Rail)**

Beginner- Walk Trot	All Ages
Level I and up	8-10
Level I and up	11-13
Level I and up	14-18

**English Riding Control**

**Classes: (Pattern)**

Beginner- Walk Trot	All Ages
Level I and up	8-10
Level I and up	11-13
Level I and up	14-18

**English Show Hack**

**Classes: (Rail)**

Level I and up	8-10
Level I and up	11-13
Level I and up	14-18

**Hunter Hack**

**Classes:**

(Show management may not hold this class if there are less than 5 entries.)  
Level III & IV All Ages

**Division: HORSE SHOWMANSHIP  
Showmanship English OR Western – Required  
for points**

**Showmanship Classes:**

Beginner- Walk Trot/Jog	All Ages
Level I and up	8-10
Level I and up	11-13
Level I and up	14-18
Miniature Horse	All Ages

**Lunch Break: A minimum of ½ hour between Showmanship and Western classes.**

**Division: WESTERN HORSE CLASSES  
(Including Ranch)**

**Rodeo Arena**

**Sunday – (Tentatively) 12:30 or 1 pm**

**Western Rail**

**Classes: (Rail)**

Beginner- Walk Jog	All Ages
Level I and up	8-10
Level I and up	11-13
Level I and up	14-18

**Western Riding Control**

**Classes: (Pattern)**

Beginner- Walk Jog	All Ages
Level I and up	8-10
Level I and up	11-13
Level I and up	14-18

**Ranch Rail**

**Classes: (Rail)**

Beginner- Walk Jog	All Ages
Level I and up	8-10
Level I and up	11-13
Level I and up	14-18

**Ranch Riding**

**Classes: (Pattern)**

Beginner- Walk Jog	All Ages
Level I and up	8-10
Level I and up	11-13
Level I and up	14-18

**Western Trail (12-4 pm, Silver Spur Arena)**

**Classes:**

Beginner- Walk Jog	All Ages
Level I and up	8-10
Level I and up	11-13
Level I and up	14-18
Miniature Horse	All Ages

**Division: GYMKHANA**

**Rodeo Arena, Monday – 9 am**

**1. Exhibitors entering Gymkhana classes must have completed 4-H Advancement Level 1 PRIOR to the fair entry deadline.**

**2. Helmets are required.**

3. Timed events will be divided by age groups.

4. Seniors aging out will be given the opportunity to run a final lap at the conclusion of the show while their 4-H bio is read.

**Classes:**

Poles	8-10
Poles	11-13
Poles	14-18

Barrels	8-10
Barrels	11-13
Barrels	14-18

Flags	8-10
Flags	11-13
Flags	14-18

Figure 8 Stake	8-10
Figure 8 Stake	11-13
Figure 8 Stake	14-18

Keyhole	8-10
Keyhole	11-13
Keyhole	14-18

Additional fun classes will be held following the conclusion of the established classes. No points will be given for these classes and participation is optional.

**Awards and costume contest will be announced at the end of the day.**

# JEFFERSON COUNTY CONTESTS

## Public Speaking Contest

Please see each division for specific contest rules and descriptions.

1. The contest will begin at 10am. Awards will be given at the end of each contest. Agents will schedule each class after entries are received and will send a tentative schedule out to participants.
2. Contestants must be enrolled 4-H members in one of the following age categories:
  - a. Junior: 8-10 years 4-H age
  - b. Intermediate: 11-13 years 4-H age
  - c. Senior: 14-18 years 4-H age
3. Presentations must be directly related to 4-H projects or activities that members are enrolled in. 4-H members are asked to be sensitive to the diverse audience that attends the fair. All materials to be presented are subject to review by the county extension office. Materials which are deemed inappropriate by the county will not be allowed.
4. The only public presentation divisions that allow teams are Demonstrations and Illustrated Talks and Horse Demonstration. A team shall consist of two 4-H members. Both team members may be from the same age division; if they are not, then they must compete in the division of the oldest member.
5. Time limits are event and age specific. Two points will be deducted from the total score on each judge's score sheet for every 30 seconds over or under the event and age division time limits unless otherwise stated. After the individual has been introduced, the time will start once the contestant begins to speak and end when they stop speaking. For demonstrations, timing ends at the end of the presentation and does not include the question and answer period.
6. Each individual and team will be expected to provide their own visual aids, props or special equipment. Please let the agents know if you have any special needs ahead of time.
7. Only judges will be able to ask the contestants questions. There will be no questions from the audience.

		Jr.	Int.	Sr.
Demonstrations & Illustrated Talks		4-6 min	6-8 min	8-10 min
Interpretative Reading		3-5 min	4-6 min	6-8 min
Impromptu		1-3 min	2-4 min	3-5 min
Prepared		4-6 min	5-7 min	6-8 min
4-H Pledge	<2 min	<2 min		
Show and Tell	1-3 min			
Horse Prepared Speech		3-6 min	5-8 min	7-10 min
Horse Demo		5-10 min	8-12 min	10-15 min

### Demonstrations or Illustrated Talks

These are "show and tell" type presentations that use props and other visual aids. Illustrated talks are used for telling about a topic, and a finished product is often shown. Team demonstrations and illustrated talks are allowed with two members on a team. The topic needs to be related to the members' 4-H project. Members from this contest will advance to State Fair in August.

- Class 700 Individual Jr.
- Class 701 Team Jr.
- Class 702 Individual Int.
- Class 703 Team Int.
- Class 704 Individual Sr.
- Class 705 Team Sr.

1. Each Demonstration and Illustrated Talk will be timed. Senior demonstrations must be between 8–10 minutes in duration. Intermediate demonstrations must be between 6–8 minutes in duration. Junior demonstrations must be between 4–6 minutes in duration. Two points will be deducted for each 30 second over or under the time limit. Participants will be given a 30-second warning before the end of the time period. An additional five minutes is allowed for set-up and take down.
2. Only the judges will ask questions to presenters at the end of their presentations. There will be no questions from the audience. Generally, each judge asks one question, but some judges may choose to ask a follow-up.

## Interpretative Reading or Poetry

Class 706 Jr.  
Class 707 Int.  
Class 708 Sr.

1. Members will deliver a rendition of a piece of pre-written material. The pre-written material should be a selection from a book, poem, story, etc. and should be 4-H appropriate. This area is not intended for presentation of original material written by the presenter. Members may choose which selection or multiple portions of text to present but may not change the content. Content should be cohesive and transition smoothly from one portion to the next.
2. During the beginning of the reading, the speaker should introduce their piece and explain the significance of the material.
3. Costumes and small props can be used, but they need to be small and not detract from the strength of the presenter.

Everyone will be expected to provide their own equipment.

4. Each Interpretative Reading will be timed. Senior readings must be between 6–8 minutes in duration. Intermediate readings must be between 4–6 minutes in duration. Junior readings must be between 3–5 minutes in duration. Two points will be deducted for each 30 seconds over or under the time limit. Participants will be given a 30-second warning before end of the time period.

Members from this contest will advance to State Fair in August.

## Impromptu

Class 709 Jr.  
Class 710 Int.  
Class 711 Sr.

1. Contestant will select a topic for his/her speech by randomly drawing three questions from a pool of questions. They will select one question and return the other two. Questions will be relative to today's youth and may include current events, 4-H and/or social issues. Examples of the type of questions include: "If I were an author, I would write about...", "One issue facing teenagers today is...", "If I could describe my personality as a tree, which tree would I

be...". No two contestants will speak on the same topic.

2. Contestants may not use any costumes, posters, visual aids or props for their presentations.
3. Senior members will be given 5 minutes, all other members get 10 minutes to prepare their speech prior to beginning their presentation. Each senior speech will be timed and must be between 3-5 minutes in duration. Two points will be deducted for each 30 seconds over or under the time limit.
4. Contestants will be allowed to organize their thoughts on a 5x7 blank note card. Excessive use of notes may be counted against the member as the discretion of the judges.

The top two seniors in this contest will advance to State 4-H Conference in June.

## Prepared

Class 712 Jr.  
Class 713 Int.  
Class 714 Sr.

1. Contestants can prepare a speech on any topic relative to today's youth, but they must relate it to 4-H in some way.
2. Contestants may not use any costumes, posters, visual aids, or props for their presentations.
3. Contestants are not allowed to present any items to the judges.
4. Each senior speech will be timed and must be between 6-8 minutes in duration. Two points will be deducted for each 30 seconds over or under the time limit. Participants will be given a 30-second warning before the end of the time period.
5. Contestants may use notes. However, excessive use of notes may be counted against the contestant. This will be at the discretion of the judges.

The top two seniors in this contest will advance to State 4-H Conference in June.

## 4-H Pledge (Cloverbuds and juniors only)

Class 715 Cloverbuds and Jr.

1. Contestants in this class will deliver the 4-H pledge using costumes and props if desired.

- Points will be awarded for voice inflection, creativity, memorization and clearness.

Class 724 Individual Sr.

Class 725 Team Sr.

### Show and Tell (Cloverbuds only)

Class 716 Cloverbuds

- Contestants in this class have the opportunity to share any special toy, collectible or other favorite item with the audience.
- They will have 1-3 minutes to showcase their special item followed by questions from the judge.
- Points will be awarded for voice inflection, creativity, memorization and clearness.

### Horse Prepared Speech

Class 717 Jr.

Class 718 Int.

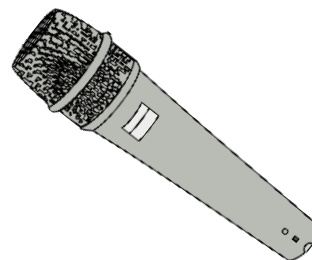
Class 719 Sr.

- The subject matter must pertain to the horse industry. Speeches not appropriately related to the horse industry can be disqualified at the discretion of the judges.
- No visual aids may be used. Notes may be used, but the excessive use of notes may be counted against the contestant at the discretion of the judge.
- Senior speeches should be 7-10 minutes in length; three points will be deducted for each minute (or fraction of a minute) over or under the time limit.
- Contestants should cite their major reference materials at the end of the speech; this time will not be counted in allotted time.
- Only the judge may ask questions. Questions will not count towards time. The member should repeat the question, then answer it.

All qualifying senior members may advance to State 4-H Conference in June.

- Teams consist of two members.
- The subject matter must pertain to the horse industry. Presentations may be either demonstration or illustrated talk format.
- No live animals may be used.
- Contestants may use notes, however excessive use of notes may be counted against contestants at the judge's discretion.
- Creative audio-visual aids may be used, but the contestants must be involved in making or designing them.
- Senior presentations should be 10-15 minutes in length. Three points will be deducted from the total score for each minute above or below time.
- Contestants should cite their major reference materials at the end of the presentation. This time will not be counted in allotted time.
- Judges will ask questions after. Members should repeat the question, then answer it.
- Once an individual or team has started their demonstration, they may not receive assistance from any coach, parent, audience member or other person, which includes, but is not limited to, the stroking of any key on a computer or other audio-visual device.

All qualifying senior members may advance to State 4-H Conference in June.



### Horse Demonstration

Class 720 Individual Jr.

Class 721 Team Jr.

Class 722 Individual Int.

Class 723 Team Int.

## Cake Decorating Contest

1. This contest will be open to 4-H members 8 to 18 years of age. Members must be enrolled in the project unit in which they are participating. The following divisions will be judged in each unit:

### Units 1-6

Junior (8-10)

Intermediate (11-13)

Senior (14-18)

### Units 7-9

Intermediate (11

-13)

Senior (14-18)

### Units 10-11

**Senior (14-18) ONLY**

2. Judging will be done by units. Project exhibit rules apply to this contest. All contestants in a unit will work at the same time. Judges will circulate to observe methods used.
3. All contestants must bring:
  - Cake or cake forms for decorating.
  - All equipment and materials required to decorate a cake.
  - Frosting needed (colored and ready to use).
4. The frosting must be applied as part of the contest in Units 1 through 7. Units 9 and 10 may frost the cake prior to the contest. For Unit 8 the contestants will need to cover the cake with fondant as a part of the contest. Contestants will be responsible for planning a design that can be completed in the time allowed.
5. Lower Units (1-3) in Cake Decorating should not use Royal Icing or Rolled Fondant as the base frosting. NO fondant decorations can be used in Units 1, 2 or 3. Only required tip work can be used in Units 2 and 3. NO fondant may be used for decorations or base icing on the cake.
6. No cell phones are allowed during the judging.
7. No parents are allowed in the judging area during the contest.

Contestants will be expected to do the following:

## UNIT 1. — EDIBLE---30 MINUTES

Class 100 Jr.  
Class 101 Int.  
Class 102 Sr.

- A. Frost single-layer 8- or 9- or 10-inch round or square or 9" x 13 **real** cake.
- B. Cake may be crumb-frosted before, but base frosting must be applied as part of the contest.
- C. Apply design using edible materials (no tips). One fourth of the top of cake should be visible to show smooth base.
- D. NO fondant may be used for decorations or base icing on the cake.
- E. No royal icing can be used as icing or decorations. No non-edible material can be used in units 1-6.
- F. Bottom Base Border required.
- G. Clean up area.

## UNIT 2. —SINGLE LAYERED -- 1 HOUR

Class 103 Jr.  
Class 104 Int.  
Class 105 Sr.

- A. Frost single-layer 8" or 9" or 10"- inch round or square or 9" x 13" rectangle **real** cake for this unit.
- B. Cake may be crumb-frosted before, but base frosting must be applied as part of the contest.
- C. Decorate the real cake using a leaf tip, star tip and writing tip only. (No fondant or royal icing may be used as icing or decorations on the cake.)
- D. One fourth of the top of cake should be visible to show smooth base.
- E. Bottom Bass Border is required.
- F. Only edible materials may be used. No non-edible material can be used in units 1-6.
- G. No flowers made on a flower nail or materials other than frosting in decorations.
- H. Clean up area.

## UNIT 3. —TWO LAYERED --- 1 HOUR

Class 106 Jr.  
Class 107 Int.  
Class 108 Sr.

- A. Frost two-layered **real** cake (8" or 9" or 10"-inch round or square).
- B. Cake may be crumb-frosted before, but base frosting must be applied as part of the contest.
- C. One fourth of the top of the cake should be visible to show smooth base.



- D. Decorate cake using 3-5 different types of tips. The following tips must be used:
  - Leaf tip
  - Writing tip
  - Star tip
  - You may also use other tips if you so choose
- E. No non-edible material can be used in units 1-6.
- F. No fondant or royal icing may be used.
- G. Side trim is required.
- H. Bottom Base Border is required.
- I. Spatula, brush striping and figure piping are optional.
- J. No flowers made on a flower nail or materials other than frosting in decorations.
- K. Clean up area.

- C. Cupcakes should be of a similar design or theme (themed cupcakes mean that there is a central idea between all the cupcakes; for example: animal theme, flower theme, Disney characters, cupcakes do not have to be all the same.)
- D. Frosting must cover the cupcake and provide a base for decorations. **One-fourth frosting must be visible on at least one cupcake.**
- E. No non-edible materials can be used in Units 1-6.
- F. Cupcakes can be displayed in a 6-cup muffin tin or in foil liners on sturdy paper/plastic plate.
- G. Clean up area.

#### UNIT 4 ----CHARACTER CAKES ---1 HOUR

Class 109 Jr.  
 Class 110 Int.  
 Class 111 Sr.

- A. One decorated character **real** cake **pan** (an entire cake which resembles the shape of a character or object made without cutting **or stacking**, other than a classic square, round, oblong, heart, hexagon, oval or petal cake shape). Three-dimensional cakes are acceptable.
- B. Cake may be crumb frosted before contest.
- C. Decorate cake using primarily the star tip or other tips appropriate to the design. No non-edible material can be used in Units 1-6.
- D. Bottom Base Border is required **for any smooth icing. Defined borders should be included if it finishes the overall aesthetic of the character.**
- E. Clean up area.

#### STACKED CUPCAKES

- A. Decorate a minimum of 4 and a maximum of 8 cupcakes creating one design or theme where cupcakes are stacked on top of each other and decorated using frosting and edible materials. (Experiment with using mini cupcakes and regular sized cupcakes when stacking) Non-visible supports can be used to hold stacked cupcakes.
- B. Fondant and royal icing can be used only for decorations.
- C. Frosting must cover the cupcake and provide a base for decorations. One-fourth frosting must be visible on at least one cupcake.
- D. Cupcakes (at least 2 and not more than 4 stacked cupcakes should be securely (secure with frosting) on a display board. Spatula painting and brush striping are optional.
- E. No non-edible material can be used in Units 1-6.
- F. Clean up area.

#### UNIT 5. —SMALL TREATS---1 HOUR

Choose **one** of the following categories:

- Themed Cupcakes  
or
- Stacked Cupcakes  
or
- Character Cupcakes



Class 112 Jr.  
 Class 113 Int.  
 Class 114 Sr.

#### THEMED CUPCAKES

- A. Decorate a minimum of 3 and a maximum of 6 regular size (2 ¾ inches) cupcakes in liners using frosting and edible materials.
- B. Fondant and royal icing can be used only for decorations.

#### CHARACTER CUPCAKES

- A. Decorate and develop a character or design using multiple cupcakes. **Regular or mini-sized cupcakes or a combination may be used to create a character.** Character Cupcakes are multiple **individually** decorated cupcakes that come together to create the character, (for example: cupcakes that create an alligator or scarecrow etc.)
- B. Decorate using frosting and edible materials.
- C. Frosting must cover the cupcake and provide a base for decorations. One-fourth must be visible on at least one cupcake.
- D. Fondant and royal icing can be used only for decorations. No non-edible materials can be used in units 1-6.

- E. Cupcake character must be displayed on one cake board with a maximum size of 9" x13" or 14" round.
- F. Clean up area.

**UNIT 5 – SMALL TREATS – 1 HOUR**

Choose one of the following categories:

- Themed cookies
- Stacked cookies

Class 115 Jr.  
 Class 116 Int.  
 Class 117 Sr.

**DECORATED THEMED COOKIES**

- A. Decorate a minimum of 3 and maximum of 6 regular size (3 inch) cookies. Cookies should be of a similar design or theme.
- B. Decorate using frosting and edible materials.
- C. Fondant and royal icing can be used only for decoration. No non-edible materials can be used in units 1-6.
- D. Cookies should be displayed on a 12-inch disposable platter.
- E. Clean up area.

**DECORATED STACKED COOKIES**

- A. Decorate a minimum of 6 inches in height and a maximum of 12 inches in height cookies creating one design or theme where cookies are stacked on top of each other.
- B. Decorate using frosting and edible materials.
- C. Frosting must cover the cookie and provide a base for decorations. One-fourth must be visible on at least one cookie.
- D. Fondant and royal icing can be used only for decorations. No non-edible materials can be used in units 1-6.
- E. Cookies should be secured to a sturdy covered board for display not to exceed 12" x 12".
- F. Clean up area.

**UNIT 6. – CUT-UP CAKES— 1 HOUR**

Class 118 Jr.  
 Class 119 Int.  
 Class 120 Sr.

- A. One decorated cut-up cake using **three different types** of decorator tips (not different sizes of the same tips) using only **edible materials**. Non-edible internal supports are allowed but must not show.
- B. No non-edible material can be used in units 1-6.

- C. The member must provide a diagram or pattern of how the cake was cut.
- D. Pieces may be cut, put together and crumb-frosted prior to contest.
- E. Bottom Base Border is required.
- F. Clean up area.

**UNIT 7. —FLAT SURFACE AND NAIL FLOWERS---1 HOUR**

Class 121 Int.  
 Class 122 Sr.

- A. Two-layered 8, 9 or 10-inch cake or cake form. Contestant may be asked to make a flower in front of the judge.
- B. Cake may be crumb-frosted before, but base frosting must be applied as part of the contest.
- C. Flowers may be made prior to the contest.
- D. Use only edible materials except stamens on flowers. Stamens may be purchased or hand-made.
- E. No Fondant
- F. Decorate cake using a minimum of:
  - One flat surface flower
  - One flower made on a flat flower nail
  - One border
  - One side trim is required
- G. **Side trim and** Bottom Base Border **are** required.
- H. Clean up area.

**UNIT 8. —FONDANT----1 HOUR**

Class 123 Int.  
 Class 124 Sr.

- A. Decorate one two-layered cake or cake form, 8, 9 or 10-inches round or square.
- B. Cake can be prepared for fondant.
- C. Cake must be covered in fondant as part of the contest.
- D. Decorated using skills learned from Units 3-7 and fondant and gum paste decorations.
- E. Bottom Base Border is required.
- F. Clean up area.

**UNIT 9. ----LILY FLOWERS ---1 HOUR**

Class 125 Int.  
 Class 126 Sr.

- A. One decorated two-layered 8, 9, 10-inch cake or cake form.
- B. Completely decorate the cake using:
  - **Flower made on a lily-flower nail is required**
  - **String work (cornelli, sota, or applique lace, etc.) is required. Writing is not string work**

- Texturing is optional
  - Contestants may be asked to make a flower in front of the judge.
- C. Cake may be frosted in advance or as part of the contest.
  - D. Artificial stamens, leaves, wire stems and floral tape may be used. All other decorations must be edible.
  - F. Bottom Base Border is required.
  - G. Clean up area.

**UNIT 10 –TIERED CAKES –SENIORS ONLY**  
— 1 ½ HOURS

**Class 127** Sr.

- A. Decorated one cake or cake form of three or more tiers of graduated sizes, using supports.
- B. Cakes may be frosted in advance and supports placed.
- C. Cake should be assembled and decorated as part of the contest.
- D. Decorate cake using:
  - Supports and separator plates
  - Pillars (optional)
  - Flowers, borders, side trim as desired
- E. Bottom Base Border is required.
- F. Artificial stamens for flowers, leaves, wire stems, floral tape, special occasion ornaments, and tulle and filler flowers may be used.
- G. Clean up area.

**UNIT 11—MOLDS—SENIORS ONLY – 1 HOUR**

Class 438 Sr.

- A. An edible molded or shaped object of any size or shape must be used.
- B. The contestant may decorate a free-standing molded or shaped object as part of the contest or may use a molded object as part of a cake design. If using a cake, the cake may be frosted in advance, or as part of the contest.
- C. Molding may be done in advance, but decoration should be applied as part of the contest.
- D. Contestant should explain to the judge how the molding or shaping was done. Tell about the material used, whether ingredients were difficult to secure, how fast the material sets up, etc. If possible, demonstrate shaping of the selected material. Show the molds used.
- E. Clean up area.

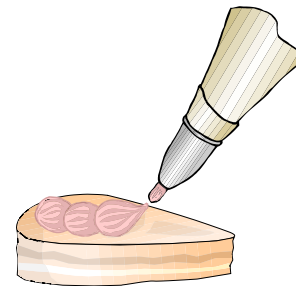
**SPECIAL Taste & Flavor Fun Class**

- Class 1001 Junior
- Class 1002 Intermediate
- Class 1003 Senior
- Class 1004 Cloverbud

Cake & Frosting Recipe Contest

This contest is to evaluate the best tasting cake and frosting combination.

- B. Bring at least 2 dozen samples (regular or mini cupcake size) of your best tasting cake and frosting combination. Audience will vote for favorite combination!
- C. Samples may be decorated or flat frosted.
- D. Recipes for each cake or frosting type should be presented with samples with alterations highlighted.
- E. Only cake and frosting you have prepared will be accepted (no store-bought samples). Boxed cakes & pre-made frostings that have been modified for taste or texture are fine.



## Creative Cooks Contest

Contestants must be regularly enrolled 4-H members but do not have to be enrolled in a 4-H foods project.

### Divisions

Cloverbuds: (5-7 years old)

Class 298 Individual

Class 299 Team

Juniors: (8-10 years old)

Class 300 Individual

Class 301 Team

Class 302 Colorado Specialty Individual

Class 303 Colorado Specialty Team

Intermediates: (11-13 years old)

Class 304 Individual

Class 305 Team

Class 306 Colorado Specialty Individual

Class 307 Colorado Specialty Team

Seniors: (14-18 years old)

Class 308 Individual

Class 309 Team

Class 310 Colorado Specialty Individual

Class 311 Colorado Specialty Team

Adults: (19 years old and up)

Class 312 Individual

Class 313 Team

Age divisions are determined by age as of December 31 of the previous year.

A team shall consist of two 4-H members. They may be from different age divisions; however, they must compete in the age division of the oldest team member.

Contestants may enter as an individual or as a member of a team, but not both.

### **Criteria--Contestant/Team will:**

1. Plan a menu for a meal (for example, but not limited to, breakfast, brunch, lunch, dinner, barbecue, picnic, high tea, campout, sports game, holiday or birthday party).
2. Create a table or serving display around a theme, occasion, or activity and your meal. The display must include and involve the following:
  - a. Fit into the allowed 48" square for a display area. All props must fit within the designated space.
  - b. Contestant(s) provides a card table if needed; must fit within 48" square.

- c. One place setting appropriate for the meal planned.
- d. A menu displayed on any stiff medium (foam board, tile, chalk board, framed, etc.) detailing the entire menu (no larger than 8-1/2"x11"). It is helpful if the menu can stand alone.
- e. Centerpiece. No food, real or artificial, will be used as a centerpiece or part of a centerpiece.
- f. Appropriate serving dishes and utensils.

3. Prepare, bring, and display one serving of a food item from the menu. This display will show how you would serve this dish, including garnishes, etc.

#### Guidelines:

- a. No commercially prepared food is accepted.
- b. Juniors and Intermediates should not prepare deep fat fried foods due to safety concerns.
- c. Display the food prepared on the proper plate or bowl on your table setting.
- d. Adults cannot help contestant(s) do prep work in the contest kitchen or set up the display. To do so may disqualify the member from the contest or forfeit all awards. They may help transport heavy or breakable items, boxes, etc. as needed.
- e. Use of garnish is encouraged.
- f. Cook, bake, prep food at home as much as possible.
- g. See contest kitchen use below.

4. Present your display and food item to a judge. Judge(s) briefly interview participants regarding exhibits, and what they have learned in preparing the exhibit. The participant should not begin or end with a prepared speech or demonstration without being asked to by the judge(s).

5. Serve your prepared food item to the judge(s).

#### Guidelines:

- a. Use a separate sample for your food kept at your display table. Do not use your displayed serving for the judge's sample.
- b. Serve the judges sample using disposable dishes and utensils. Do not use any food, dishes, or utensils from your display.
- c. Use disposable plastic gloves if your hands are going to touch the food while serving the judge.
- d. Do not use plastic gloves throughout your set up and judging process. They do not remain sanitary for very long.

- e. Have a copy of the recipe and be ready to show to the judge if requested.

**Food Safety and Contest Kitchen Use:**

1. All food used for Creative Cooks should be brought from home.
2. When selecting your recipe and prepared item, consider how the item will be transported to the Fair safely (kept at safe temperatures) and attractively displayed. Judges may refuse to sample any food items they feel are unsafe to eat.
3. A microwave is available to be used for warming only. Electrical outlets are available to plug in slow cookers, etc. to keep food at correct temperatures.
4. Leave the kitchen clean when finished.

**Judging will be based on:**

- A. Exhibitor — well groomed; understands meal planning
- B. Menu — balanced for flavor, color, texture, shape and nutrition
- C. Prepared dish — appearance, flavor and quality
- D. Table Setting — attractive; suitable for meal
- E. Knowledge of nutrition
- F. Specialty food knowledge
- G. Food safety
- H. Creativity



## Fashion Revue Contest

Members will be judged independently of the Fashion Revue public show.

### Juniors: 8-13 years old

- Class 449 Fashion Revue Clothing Construction
- Class 450 Fashion Revue DYD, Leathercraft, Heritage Arts
- Class 451 Fashion Revue Clothing Buymanship
- Class 452 Fashion Revue – Western Heritage

### Seniors: 14-18 years old

- Class 453 Fashion Revue Clothing Construction
- Class 454 Fashion Revue DYD, Leathercraft, Heritage Arts
- Class 455 Fashion Revue Clothing Buymanship
- Class 456 Fashion Revue – Western Heritage



### Judging Guide for Fashion Revue:

- Preparation
  - Design and style
  - Choice of fabric and color
  - Overall appearance of garment
  - Accessories
  - Grooming
- Appropriate for garment style
  - Movement: walking, standing and turns
  - Poise/Posture
  - Variety of movement, use of space and creativity
  - Attitude and enthusiasm

Judges may ask participants questions after modeling.

Participants must email their photo and narration to Diana ([dsolenbe@jeffco.us](mailto:dsolenbe@jeffco.us)) by Tuesday, July 23rd, 2024 or 5 points/day late will be deducted from contestant.

1. Contestants must model a garment, not accessories, made in Clothing Construction, Heritage Arts, Leathercraft or Artistic Clothing, or a purchased garment in the Clothing Buymanship project. Each contestant may model only one outfit at **State Fair**. Contestants must be a senior 4-H member and have passed their 14th birthday by December 31 of the previous year to participate in the **State 4-H Fashion Revue**.
2. All garments that have been judged as exhibits must return as an exhibit following the conclusion of the contest.



## 4-H Performing Arts Contest

This is a county only contest. Members will be judged independently of the Performing Arts public show.

1. Contestants must be at least 8 years of age and must not have reached their 19th birthday as of December 31 of the previous year and must satisfy other eligibility requirements (if specified) for a class, to compete in that class.
2. Except for one accompanist, all participants must be enrolled in the 4-H program.
3. A member may enter each class only once per contest.
4. Members must supply their own props.
5. Solo events are comprised of one individual, ensembles are 2 to 5 members and groups are 6 members and over.
6. Mixed ensembles or groups will be placed in the event of the oldest member in the group.
7. No performances, in any division, will be re-judged unless requested by the judges.
8. A copy of the music is required for the judges in all Vocal, Instrumental and Keyboard Divisions. Vocal Division must have both music and lyrics. Contestants are responsible for bringing copies of their music to the Performing Arts Contest. If using a soundtrack as accompaniment, no voices in the background are allowed. All voices heard in the vocal section must be those of the performers.
9. We ask that all performing arts acts be sensitive to the diverse audience that attends the fair. All materials to be presented are subject to review and approval by the superintendent. Materials which include foul language, racial or religious overtones, or other topics/subjects deemed inappropriate by the superintendents will not be allowed. The judges will make the final determination.

## DIVISIONS and CLASSES

*All classes are will be judged based on age group (jr., int., sr.) and number of participants (individual, group).*

MUSICAL DIVISION/VOCAL

MUSICAL DIVISION/INSTRUMENTAL

DANCE DIVISION

THEATRICAL DIVISION



**\*\*\*This is the county-only  
contest\*\*\***



**Jefferson County 4-H PHOTO CONTEST**

The photos for this contest will be judged with the photography interview judging on **Saturday, July 27th**

Class 389 Jeffco 4-H Photo Contest Jr.  
Class 390 Jeffco 4-H Photo Contest Int.  
Class 391 Jeffco 4-H Photo Contest Sr.

- The Jeffco 4-H Photo Contest is open to any 4-H member.
- 4-H member does not have to be enrolled in Photography.
- No e-Record is required.

**Rules:**

1. The picture must be 8" x 10" print.
2. The photo must be mounted on a mat board and suitable for hanging. No frames and no glass.
3. The photo must be labeled on the back with:
  - a. Name
  - b. County
  - c. Date, time and location of photo
  - d. Make and model of camera used
  - e. ASA film speed (for film cameras) or ISO resolution setting (for digital cameras)
  - f. Title of photo
2. Photos will be judged according to the following criteria:
  - a. Composition/Presentation
  - b. Focus/Sharpness
  - c. Lighting
  - d. Creativity

**\*\*\*This is the state contest\*\*\*  
**The state photo contest pictures are submitted online!!!!****

## Colorado 4-H Digital Photo Contest

This contest is a state contest. 4-H members do not need to qualify at their county fairs to enter. **The contest will open on May 10th and close on July 12th.**

Submit All Entries to Colorado 4-H State Fair using the FairEntry system. Instructions are located at: [co4h.colostate.edu/statefair/4-HDigitalContest.pdf](http://co4h.colostate.edu/statefair/4-HDigitalContest.pdf)

### Classes:

#### 4-H in Action

Class 400	4-H in Action	Jr.
Class 401	4-H in Action	Int.
Class 402	4-H in Action	Sr.

#### Animals/Insect

Class 403	Animals/Insects	Jr.
Class 404	Animals/Insects	Int.
Class 405	Animals /Insects	Sr.

#### Architecture

Class 406	Architecture	Jr.
Class 407	Architecture	Int.
Class 408	Architecture	Sr.

#### Landscape

Class 409	Landscape	Jr.
Class 410	Landscape	Int.
Class 411	Landscape	Sr.

#### People

Class 412	People	Jr.
Class 413	People	Int.
Class 414	People	Sr.

#### Plant Life

Class 415	Plant Life	Jr.
Class 416	Plant Life	Int.
Class 417	Plant Life	Sr.

This contest is open to (and only to) all Colorado 4-H members ages 8-18.

Participation is NOT limited to those 4-H members enrolled in photography.

4-H members will upload their photo directly into the correct class in FairEntry.

This contest is strictly a state contest, which means that the 4-H member does not have to qualify at the county level to enter.

All entry photos must have been taken by the 4-H member submitting the entry during the contest year.

4-H members may submit up to 6 entries. However, each entry must be in a different class. Photos cannot be dually entered in more than one class.

Photos may be in color or black-and-white.

Photo size: Photos submitted must be 8"x10".



## 4-H Rocket Fly Day Contest

Location: Thyne Ranch  
19271 Colo Hwy. 8, Morrison, CO

Members who wish to participate for State Fair must register with Josey.

Rocket Fly Day Contest Rules:

1. Rocketry members are asked to bring their own rocket, engines, igniters, parachutes and wading. A field box is advisable. We will furnish all launching equipment. Each contestant will be required to launch their rocket twice (time and weather permitting). **Recovery system must be parachutes.**
2. Rockets **must** be launched with **FIRST FLIGHT ENGINES ONLY.**
3. Rockets to be entered in County judging may not be used for Rocket Fly Day competition.

State Fair will be a judged event. Please review the score sheet and the Colorado State Fair 4-H Exhibit Requirements, available at:

<http://co4h.colostate.edu/statefair/score-sheets/RocketFlyDayScoreSheet.pdf> and <http://co4h.colostate.edu/statefair/StateFairExhibitReq.pdf>, respectively.

The state 4-H contests will include the following events:

Written exam  
Parts Identification  
Rocket Launching and Safety



## SHOOTING SPORTS CONTEST State Fair Qualifying Contest

Superintendents:

Chief Shooting Sports Superintendent: Shirley

Thyne

Range Safety Officer – Mike Thyne

Air Rifle/ Air Pistol – Karl Forar

.22 Rifle – Mitzi Tolman

Archery – Aspin Schulz

.22 Pistol – Karl Forar

Rocket Fly Day – Mike Thyne

Trap – Jeff Johnson

Skeet, Sporting Clays– Mike Thyne

Muzzleloading - Jaren Tolman

Outdoor Skills – Jaren Tolman

Western Heritage – Karl Forar

NOTE: 4-H Shooting Sports Competition Guidelines noted below. See Project Exhibit Requirements in the Natural Resources section.

The contest will consist of competition in .22 rifle, shotgun, muzzleloading, air rifle, air pistol, .22 pistol, archery, and Western Heritage. The current State 4-H Shooting Sports Contest rulebook can be found on the following website–

<http://www.co4hshooting.org/> or call the 4-H office at (303) 271- 6620 to have a copy sent to you. This rulebook will govern this competition and pre-empts rules noted below.

Eligibility:

1. Each participant must be enrolled in the 4-H Shooting Sports project in the current year and have a valid Hunter Education card (required for ALL disciplines). The card must be with member during the competition.
2. By the pre-entry deadline, each participant must submit a completed 4-H Shooting Sports Contest Entry Form. A form signed by a certified leader is required for eligibility in the competition entry/participation in the county shooting sports competition stating the participant has attended **at least four practices**.
3. Seniors must be at least age 14 and not more than 19 as of Dec. 31 of the previous year.
4. Juniors must be at least 8 and not more than 13 as of Dec. 31 of the previous year.
5. This is an individual competition only -- no teams will compete.

**6. PLEASE NOTE - VERY IMPORTANT INFORMATION:** For safe and adequate preparation for the competition, members entering the county shooting sports competition must have had a **minimum of**

**4 practices** (this must be proven by a form signed by a leader that the member has participated in all four practices. The safety meeting counts as one practice).

- a. **Western Heritage members need 4 live practices in addition to attending a pistol and/or rifle safety meeting.**
7. 4-H members must participate and qualify at a county shooting sports competition to be eligible to enter the State 4-H Shooting Sports Competition. State class will be filled from members who are in the same discipline. Youth participating in the particular class will have priority placement, with the opportunity to fill in with members who compete in the discipline.

Equipment and Ammunition Requirements:

1. All competitors are encouraged to use their own equipment. Targets will be provided.
2. Each .22, .22 pistol, muzzleloading, shotgun and Western Heritage shooter **must have eye and ear protective gear** for use while shooting. Air rifle and air pistol shooters must have eye protection while shooting. (Contestants at Thyne Range also need ear protection.)
3. .22 shooters will need 52 rounds of ammunition for each competition category they enter. Practice ammunition will be on an "as needed" basis.
4. All .22 ammunition must be target or standard velocity only.
5. Archers must provide at least 5 of their own arrows.
6. Shotgun Clays will be provided. A small fee will be addressed to cover the cost of the clays. The fee will be determined by the entry deadline.
7. For Western Heritage, you may bring your own equipment as long as it meets state rules and/or guidelines of the Western Heritage project.

Awards will be given after second contest:

1. Standards for scoring in the 4-H shooting sports county contest will be based upon the scores obtained in each class of each discipline.
2. Person(s) doing the scoring at range makes final decision of awards, based on scores alone.
3. Awards presented in this competition are separate from and in addition to project exhibit awards.
4. Placing ribbons will be awarded in each class (with junior and senior age divisions) based on scores earned in that class.

5. There will be no “grand award” designation in the 4-H shooting sports contest.
6. There will be a “champion/reserve champion level” award, based on the top two scores in each discipline and age level. For .22 Rifle, scores for Hunt and 4-P will be combined for champion and reserve champion awards. For shotgun, scores for skeet, sporting clays, and trap will be combined for champion and reserve champion awards. The tie breaker for shotgun will be skeet. If there is still a tie, the second tie breaker will be sporting clays.
  - a. To be eligible for champion and reserve champion awards, you must complete in EACH of the three shotgun disciplines.
7. The top six scores in each class will qualify for the State 4-H Shooting Sports event (with the exception of Shotgun which is Top 5). In the case that one of the top six individuals chooses not to compete at the state fair another youth who competed and received the minimum score at the county shoot will be eligible to fill the position on the state team.
  - a. **Archery Jr. – 10 pts.**
  - b. **Archery Sr. – 20 pts.**
  - c. **Air Rifle Jr. – 10 pts.**
  - d. **Air Rifle Sr. – 20 pts.**
  - e. **Air Pistol Jr. – 10 pts.**
  - f. **Air Pistol Sr. – 20 pts.**
  - g. **.22 Pistol Jr. (9 & over) – 10 pts**
  - h. **.22 Pistol Sr. – 20 pts.**
  - i. **Shotgun Jr. – 5 pts.**
  - j. **Shotgun Sr. – 10 pts.**
  - k. **.22 Jr. – 10 pts.**
  - l. **.22 Sr. – 20 pts.**
  - m. **Muzzleloading Jr. – 5 pts.**
  - n. **Muzzleloading Sr. – 5 pts.**
8. In the event that there is a tie, superintendents will develop a tie breaking procedure based on current State Contest rules.
9. In order to shoot at the State Fair, youth must enter a shooting sports project of your choice at interview judging. If you are enrolled in more than one discipline, member will choose one to show during interview judging and will be eligible to shoot in any discipline they qualify in at State Fair. Member must receive a rating of a red ribbon (meets expectations) or higher to be eligible to compete at the State Fair shoot (Danish ribbons will not be handed out). Members do not have to complete the interview to be eligible to shoot in the State Contest, but must contact the Extension

Office in advance to complete an absentee interview.

**GENERAL RULES FOR SHOOTING SPORTS:  
ALL DISCIPLINES- SEE CURRENT COLORADO  
4-H SHOOTING SPORTS STATE CONTEST  
RULEBOOK**

Note: The State Fair Shooting Sports Contest only allows qualifying Archery members to enter one Archery class.

Classes:

1. Archery – Compound Unlimited Jr.
2. Archery – Compound Unlimited Sr.
3. Archery – Compound Traditional Jr.
4. Archery – Compound Traditional Sr.
5. Archery – Recurve Limited Jr.
6. Archery – Recurve Limited Sr.
7. Archery – Recurve Traditional Jr.
8. Archery – Recurve Traditional Sr.
9. Air Rifle Jr.
10. Air Rifle Sr.
11. Air Pistol Jr.
12. Air Pistol Sr.
13. .22 Pistol (age 9 and over) Jr.
14. .22 Pistol Sr.
15. Shotgun – Trap Jr.
16. Shotgun – Trap Sr.
17. Shotgun – 5 Stand Jr.
18. Shotgun – 5 Stand Sr.
19. Shotgun – Skeet Jr.
20. Shotgun – Skeet Sr.
21. .22 – Hunt Jr.
22. .22 – Hunt Sr.
23. .22 – Scope Jr.
24. .22 – Scope Sr.
25. .22 – 4 Position Jr.
26. .22 – 4 Position Sr.
27. .22 – 3 Position Jr.
28. .22 – 3 Position Sr.
29. Muzzleloading Jr.
30. Muzzleloading Sr.
31. Western Heritage Jr.
32. Western Heritage Sr.

**WESTERN HERITAGE CONTEST RULES**

DIVISIONS FOR COMPETITION:

- Junior - 9-11 Years Old - .22 Rimfire Rifle Only (No Pistols)
- Intermediate - 12-13 Years Old - .22 Rimfire Rifle, .22 Rimfire Pistols, any period correct
- Shotgun



- Senior Rimfire - 14-19 Years Old - .22 Rimfire Rifle, .22 Rimfire Pistols, any period correct Shotgun
- Senior Centerfire - 14-19 Years Old - Centerfire Rifle, Centerfire Pistols, any period correct Shotgun

The County competition will be composed of 3 events:

- Cowboy Action Shooting
- Western Heritage Knowledge Quiz
- Period Clothing Evaluation

Every competitor is expected to participate in all three sections. Competitors will be ranked in each section and appropriate recognition given for each. The Top Hand will be decided by an aggregate score of all 3 sections. Shooting at 50%; Western Heritage Knowledge at 25%; Period Clothing at 25%.

To make the shooting portion equal 50%, we place the shooters 1st through however many are in their division and assess points according to placing, then double it and add in the clothing and exam points to equal 100%.

#### SPIRIT OF THE GAME

Members are to fully participate in what the project asks. Participants should not look for ways to create an advantage out of what is or is not stated as a rule or shooting procedure. It's not about "gamesmanship" but rather sportsmanship. Good attitude, courtesy, honesty, demonstrating respect toward competitors and range officials, graciousness in winning or losing ... are all components of the Spirit of the Game.

#### 4-H WESTERN HERITAGE SHOOTING

Rifle and revolver must both be either rimfire or centerfire. A shooter cannot mix rimfire and centerfire firearms during the competition.

#### FIREARMS

- The cowboy shooting event will require shooters to safely operate and fire as many as 4 different firearms; two revolvers, a rifle, and a shotgun, depending on age division.
- The firearms must be original or reproductions of those used in the time period of 1860-1900.
- Firearms similar to the period guns may be allowed. Modern models allowed will be named specifically. If not named specifically, approval by the Western

Heritage Superintendent will be required before a shooter may compete.

#### Rifle

- Rifles must be chambered in a traditional handgun (revolver or pistol) caliber; and should be capable of firing 10 rounds.
- May be lever action or pump action. Bolt action and semiautomatic rifles are not allowed.
- May be .22 rimfire or centerfire.
- Sights must be open iron sights or tang sights. No scopes or optics of any kind allowed.
- Action smoothing jobs are permitted, but "short stroke" modifications (factory or custom) are not allowed.
- Modern era firearms permitted include, but not limited to:
  - Lever Action Henry (both rimfire & centerfire), Winchester 9422, Marlin 39A, Browning BL 22.
  - Any pump action .22 with exposed hammer.

#### Revolver

- Any original or reproduction single action revolver or double action revolver that is capable of firing single action; and having six (6) chambers.
- .22 rimfire or traditional centerfire caliber is permitted.
- Open sights required.
- Modern era single action revolvers with 6 chambers are permitted, including the various models from Sturm & Ruger.

#### Shotgun

- Shotguns should be capable of firing 2 shots.
- Any side by side double barrel shotgun without automatic ejectors is allowed.
- Over/under shotguns are not permissible.
- Lever action or pump shotguns with external hammers are permitted; but no more than 2 shells may be loaded at a single time.

#### Black Powder Firearms

- Black powder "cap and ball" revolvers are not permitted in regular competitions, but may be used for instructional purposes - when supervised by a 4-H certified muzzleloading instructor.

## AMMUNITION

### Rifle & Revolver:

Caliber - Most traditional handgun calibers from .22 rimfire to .45 Colt.

Bullet - Lead or soft lead alloy bullets only. Velocity -

### Centerfire:

- a. Handgun - 1000 fps or less
- b. Rifle – 1300 fps or less

### Rimfire:

- a. Standard velocity (1150 fps or less)
- b. 40 grain, lead round nose bullet

### Shotgun:

Equivalent of 12 gauge “light target” loads or 20 gauge “target” loads

- 2 3/4” only
- Shot size: 7 1/2 or smaller; 1 1/8oz. maximum (12 gauge) - 7/8 oz. (20 gauge)
- Velocity - 1200 fps or less

### Other:

- Powder - Smokeless or black powder in cartridge or shot shell is permitted.
- Factory loaded ammunition only is allowed in 4-H competition. No reloads allowed in competition. Most major brands of ammunition have “Cowboy” loads available that meet these requirements.
- Loading Blocks – For safety reasons, the use of a loading block or leather/canvas ammo strips for rifle/revolver ammo is required. These should have the exact number of cartridges preloaded when you come to the loading table. There will be no boxes of ammo allowed on the loading table.

## COURSE OF FIRE

- Western Heritage Shooting typically requires a minimum of 6 stages. Each stage will require the use of firearms associated with each division. A maximum of 10 shots for each revolver pair and rifle may be required.
- No reloads for rifle or revolver will be required. Reloads for shotgun may be necessary, depending on the stage.

## PROCEDURE

- Before competition begins, shooters must submit to a central check in of firearms and ammunition with the Western Heritage

Superintendent. Firearms and ammunition will be inspected and approved.

- Course of fire will be explained to the group of shooters before each stage. Shooters should ask questions then. Course of fire must be followed exactly or the shooter will be penalized. Firearms will be loaded by the shooter at the Loading Table under the supervision of the Loading Official. All firearms (rifle, revolver, shotgun) will be prestaged at the designated area by the shooter. Range officials may assist the shooter in the prestaging of the firearms. Shooter and the Timer Operator will advance to the beginning firing point. When Shooter and Timer Operator are both ready and in position, Shooter will deliver the designated phrase for that stage. After the phrase is delivered, the timing mechanism will be activated. After a momentary delay, the timer will beep, indicating START. At the STARTing beep, Shooter will pick up the first gun and begin the course of fire. He/she then advances to each firing point at his/her own pace. Shooter must follow and shoot the course as in the stage description.
- At the final shot the time will be recorded. There is a 5 second time penalty for each “miss” and a 10 second penalty for a procedural error. Firearms will be taken to the Unloading Table and will be unloaded under the view of the Unloading Official. Times for each stage will be added together for a cumulative time. Fastest cumulative time through all stages is declared the winner.

## CLOTHING

Each competitor must dress in period appropriate clothing. Shooters are to dress in period clothing during the match. In addition to the cowboy shooting match, there will be a Period Clothing Evaluation & competition. Period Clothing Evaluation will contribute 25% of the score for the overall Top Hand award. Shooters should be in their period outfit at the final awards presentation.

### Minimum requirements:

- Some kind of “period” head covering; cowboy hat, bowlers, sombreros, civil war type hat, bonnet, etc.
- Long pants or long dress/skirt.
- Long sleeved shirt or blouse.
- Leather boot or period shoe. (lace up boots are acceptable)
- No tee shirts, no athletic shoes, no baseball caps, no camo.

- Failure to meet these minimums may result in disqualification.

## SAFETY

- SAFETY IS ALWAYS THE PRIMARY CONSIDERATION. Any violations of accepted safety rules are grounds for immediate disqualification. NO WARNING REQUIRED! Each contestant, parent, or coach on the firing line will wear appropriate eye and/or ear protection for all shooting events.
- Safety Meeting: All contestants and coaches must attend the Range Safety Briefing before the competition begins. If not at the briefing, you will not be allowed to participate.
- Eye Protection: Shooting glasses or equivalent prescription glasses are required for all events involving air or powder driven projectiles. ISU or UIT glasses may be worn only if both eyes are adequately protected. All persons on or near the firing line are required to have eye protection, including coaches, range personnel, and shooters.
- Ear Protection: Hearing protection is required of all persons on or near the ranges.
- Cased Requirement: All firearms must be in a case until uncased at the check in prior to the event. Firearms are uncased only when brought to the check in table for inspection and approval.
- Range procedures for moving firearms from stage to stage will be explained at the mandatory Range Safety Briefing.
- Ammunition dummy rounds may be carried on the gun belt. Dummy centerfire rounds must have no primer. The holster with dummy rounds may be worn to the check in, as the firearms will be cased. Dummy rounds will be inspected and approved at check in.
- Knives are permissible and may be carried as part of the period outfit. The knife must remain in the sheath at all times, unless requested by, or permission is granted by, a range official or judge.
- Muzzle Control: Shooters must maintain control of their muzzles at all times. Firearms must be carried in the muzzle up position whenever uncased on the range unless the action is hinged and broken open. Violation of this rule may result in a warning, disqualification from a round, or disqualification from a match.
- Audio headphones or ear pieces and cell phones are not permitted on the firing line.

Once an individual is called to compete, ear pieces or headphones must be removed and remain off during the competition. Spectators should also be sensitive and turn off ringtones when near the competition.

- Range officials have the right to check all firearms, ammunition, accessories and other equipment prior to or during the competition to determine that it meets qualifications and/or that it is safe.

## RULES

1. Every shooter will load, stage, and unload his/her firearm under supervision of range officials; except for those physically challenged who may request assistance. To speed the process, timer operator may assist in staging. If assisted, it is still the sole responsibility of the shooter to make sure firearms are staged as they desire.
2. Rifles will be staged horizontally or vertically as directed, with muzzles pointed in a safe direction. The magazine is loaded, action closed, hammer down, and chamber empty.
3. Rifles are restaged after completing the firing sequence, with the action open and empty, with barrels pointed safely down range.
4. Once a rifle is cocked, either the round under the hammer must be expended or the action opened in order for the rifle to be returned to a safe condition.
5. Revolvers are staged lying on their side with muzzles pointed down range with 5 rounds in the cylinder and the hammer down on an empty chamber.
6. Revolvers are restaged, after shooting, with hammer down on a spent case or empty chamber at the conclusion of the shooting string.
7. Once a revolver is cocked, the round under the hammer must be expended in order for it to be returned to a safe condition - except in the case of a cease fire.
8. Shotguns are staged with magazine and chamber(s) empty and are loaded on the clock - unless the stage begins with the shotgun in the shooter's hands. Shells/hulls must be removed from the gun before grounding the firearm.
9. Live shotgun shells may be removed from the gun, if necessary, without penalty.
10. Running with a firearm, loaded or unloaded, is prohibited at all times. There is no running or walking with a loaded firearm

- during the shooting phase of a stage. Shooting position adjustment is permitted.
11. All shooting with a particular firearm must be completed and the firearm restaged before the competitor may move on to the next part of the stage.
  12. No cocked or loaded firearm is allowed to leave the shooters hand except in the case of a malfunction.
  13. De-cocking a revolver, rifle, or external hammer shotgun may NOT be done with a live round under the hammer. De-cocking may not be done to avoid a penalty if cocked at the wrong time or position. The penalty for de-cocking is Stage Disqualification. If hammer is cocked when a cease fire is called, the lever of the rifle must be opened or the action of a shotgun must be opened or the timer operator will assist in making the revolver safe.
  14. Revolvers will be shot with a two handed grip with neither hand in front of the cylinder. The shooter will grip with the strong hand and cock the revolver with their weak hand.
  15. The revolver is not cocked until pointed safely down range and the shooter is engaged in shooting the stage.
  16. A dropped firearm - loaded or unloaded - ends the stage for that shooter (stage is qualification). An adult range officer or helper will recover the dropped gun, examine it, clear it, and take it to the unloading table. A second drop anytime during a match requires match disqualification.
  17. Ammunition dropped in the course of loading or reloading (shotgun) OR ejected from any firearm during the course of fire is considered "dead" and may not be recovered until the shooter completes the stage. Shotgun rounds are replaced from the shooter's person, loading block, ammo box or other area as allowed by the stage description.
  18. All knockdown targets (shotgun, rifle, revolver) must fall over to be considered a hit. Special consideration may be allowed to shooters using .22 caliber - at the discretion of the timer operator.
  19. All shotgun targets that a stage requires to be knocked down must be reengaged until down.
  20. Ejecting a Live Round: If a competitor does not fully cycle a lever action rifle resulting in a live round being ejected from the firearm and re-engages the target intended for the ejected round, the competitor will not have a round available for the 10th target. In this

case, both a miss and a procedural will be assessed due to a live round being ejected and not having ammunition left in the rifle to strike the last target in the sequence.

Please note that the State and National 4-H Western Heritage competition rules differ slightly from local club rules. Be familiar with State and National rules if you plan to compete in those contests.

#### Cease Fire Procedure:

Whenever the command "cease fire" is given, all shooters will immediately place their firearms down in a safe position; actions open, chambers clear, and/or hammer down on an empty chamber or spent case. The timer operator or another adult will assist when necessary.

If a revolver is cocked when the "cease fire" is called the shooter will keep their finger out of the trigger guard, keep the muzzle in a safe direction, and allow the timer operator to assist them.

#### Scoring and Timing:

4-H Cowboy Action Shooting is a timed event and is scored in seconds beginning at the sound of the first beep from the timer operator's handheld timer and ending at the sound of the last shot. A five (5) second penalty is added to the shooter's time for each missed shot during any given stage. A ten (10) second penalty is added for unintentional mistakes termed "procedurals" and minor safety violations. The recorded elapsed time, plus penalties, of each stage are added together for a final score. Final scores are used to rank competitors from the quickest time to the longest time.

Misses – a miss is defined as the failure of the shooter to strike the intended target with a bullet or pellet from the appropriate type of firearm or not knocking over a knockdown target. An example of this would be simply missing a rifle target while engaging with a rifle and failing to hit a knockdown type target with enough force to knock it down (if stage does not require shooting until it falls). Each miss results in a five (5) second penalty.

Procedural Penalty – a procedural is an unintended mistake where a competitor fails to shoot the stage the way it was designed to be shot. Examples of procedurals would include firing at a pistol target with a rifle, not following the course pattern as the stage requires (firing a sweep in an improper sequence), or failure to complete any portion of the stage. Procedurals result in a ten (10) second

penalty and only one (1) can be assessed per stage. A miss cannot cause a procedural. Failure to place guns or ammunition at the designated position(s) is the fault of the competitor and scored as a procedural unless the competitor is able to correct the situation, unassisted, while in the process of completing the stage under time.

**Intentional Procedural** – An Intentional Procedural occurs when a competitor purposely or intentionally disregards the stage instructions in order to obtain a competitive advantage. This may occur when a competitor feels they could take a penalty and still shoot a faster time than if they followed the proper procedure. This is considered a violation of the Spirit of the Game and 30 seconds is added to a competitor's time in addition to other penalties.

**Minor Safety Violation** – A safety violation is considered minor when the incident does not put anyone in direct or immediate danger. Examples of minor safety violations include the failure to leave a rifle action open at the end of its use during a stage, the failure to restage a sidearm at the end of a shooting string, or a live round is left in a firearm. Minor Safety Violations result in a ten (10) second penalty per occurrence at each stage. A Range Officer may issue a warning in the place of a 10 second penalty at their discretion as long as this decision is consistent.

**Major Safety Violation** – A safety violation is considered major when the incident endangers any person at the event. Major Safety Violations include an accidental discharge that impacts anywhere other than downrange, breaking the 170 degree safety rule, allowing the muzzle of the firearm to sweep anyone in the audience or on the range, dropping a gun, or any other occurrence that has the potential for personal injury. The penalty for a Major Safety Violation is disqualification from the stage or match at the discretion of the Western Heritage Superintendent. With proper training and practice, major safety violations will be rare or nonexistent in 4-H Cowboy Action Shooting. It is the responsibility of the adult timer operator to shadow the 4-H member during the course of fire in order to be in the physical position to prevent any safety violations.

**Appeals** - If the competitor believes a ruling is in error, the 4-H member alone (not parent or leader) may politely appeal the decision to the group of trained 4-H shooting sports leaders present. The group's decision will be based solely on the rules pertaining to the safety violation and is final regardless of the size of the group.

**Reshoots** - Reshoots may be awarded for ammunition or firearm malfunctions if the problem is out of the control of the shooter. This rule is in place because most 4-H programs share firearms and ammunition among many shooters. Therefore, equipment can become extremely fouled or often not maintained appropriately; and cartridges are often provided to the shooter. If there is a range failure (failure of props, timer, or the timer operator) beyond the competitor's control, a reshoot may also be granted. On a reshoot, the competitor starts over clean, carrying accrued safety and procedural penalties forward. A decision to allow a reshoot is decided by the timer operator after the shooter completes the stage.

**4-H Dress Code: The Colorado 4-H Dress Code will be enforced at all shooting events. Dress code will be enforced by the Team Coach. Members who are not in compliance will be asked to correct the issue in a timely manner. If the problem is not corrected the member or the member's entire team may be disqualified at the Superintendent's discretion.**

# GENERAL AND CONSUMER SCIENCE

## 4-H PROJECT RULES

1. Eligibility: Exhibitors in the divisions of this department must be bona fide members of Colorado 4-H whose projects' work **(must be 4-H members' own work and sources must be cited. Plagiarism will result in disqualification.)** and records are certified and up-to-date and deemed eligible by the Extension **specialist**. In addition, exhibitors must be at least eight years of age, must not have reached their 19<sup>th</sup> birthday as of December 31 of the current enrollment year and must satisfy other eligibility requirements (if specified) for a class, to compete in that class.
2. 4-H members may enter only once in the same class. Projects entered into the wrong class will be moved to the correct class when possible (at both the county and state level).
3. Members must be enrolled in the project (which may be broken down into units, levels or categories) in which they exhibit.
4. In the case of projects that are to be taken sequentially, if a member enrolls in two units of the same project in the same year and shows mastery in a lower-level unit, they are expected to exhibit in the higher-level unit (Leathercraft for example: member enrolls in Unit 2 and Unit 3 –they must exhibit in the higher level –Unit 3). Exceptions to this rule will be stated in applicable project's rules.
5. 4-H e-Records may be completed by pencil, ink or computer. The choice will not affect judging.
6. **Display boards must meet the specifications and should fold flat for transport. The standardized display board size of 4ft. x 3ft. is to be used for 4-H projects. No sharp items are allowed on display boards (thumb tacks, fishing hooks, knives etc are allowed on display boards or as part of any other exhibit.)**
7. Projects are divided into Juniors, Intermediates and Seniors age groups. The age for Juniors is 8-10, Intermediates is 11-13 and Seniors is 14-18 **as of December 31 of the current 4-H year.**
8. Exhibits are to be entered into FairEntry by **Tuesday, July 9th, 2024**. Exhibits will be turned into the Extension Office on **Saturday, July 27th, 2024** during interview judging.
9. Note: Exhibits of unusual size or shape may not be on public display. Exhibitor cards and ribbons will be displayed in project areas. **Projects may not be displayed if** there is a safety, health or space issue.
10. All Champion, Reserve Champion and placing award exhibits must be displayed and remain on display for the duration of the county fair.
11. Management will not be responsible for loss or damage to exhibits, although it will use all care to ensure their safety.
12. **Unless otherwise stated in the project requirements, projects will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).**



## Display Board Guidelines for State Fair 4-H Exhibits

Display boards are a great way to share information, but when viewers walk by, they spend only 60-90 seconds looking at each display board. Make your **board** stand out by highlighting the main points of your project in a fun, interesting way.

*Follow these guidelines to create a display board for the state fair.*

4'

**SHAPE**  
Design your exhibit so information fits on the display. Remember, you have 1 large surface, and 2 smaller side wings.

**Plants of Colorado**

**TEXT**  
Make sure that all the text on your display is easy to read. Use a large font for the title, and smaller fonts for the headings and body text. Text must be readable from 3-5 feet away. Use large bold letters. Dark letters on a light background works best.

**SPACE**  
Your display should only discuss one main topic. This will help it look neat and uncrowded.

**ATTACHMENTS**  
Make sure pictures and objects are securely attached to the board. Use glue for pictures and paper, and consider wires, zip ties or staples to attach bulkier items. Do not attach items that are so heavy that your board can't stand or fold.

**SIZE**  
Display boards for the state fair must measure 4 ft. wide x 3 ft. tall. They should be made of lightweight cardboard, but not poster board. Pre-cut boards are available at most craft and shopping centers. No part of your display may extend beyond these boundaries.

**DISPLAY BOOKS**

Your e-Record book should accompany your board. You may use 3-ring binders or other notebooks that will keep the pages securely inside. You may not use slider-type binders.

Please place a label with the following information in the upper right-hand corner of the front cover:  
County, Name, 4-H Age, Project Area, and Class.  
(See example.)

**Sample**

Adams County  
Jane Doe  
15  
Animal Science  
Vet Science  
Class 009

# GENERAL DEPARTMENT

## ANIMAL SCIENCE

### CATS

Note: Please read 4-H Project Exhibit Rules on page 71.

#### PURR-FECT PALS—UNIT 1

Class 101	Purr-fect Pals Unit 1	Jr.
Class 102	Purr-fect Pals Unit 1	Int.
Class 103	Purr-fect Pals Unit 1	Sr.

#### CLIMBING UP—UNIT 2

Class 104	Climbing Up Unit 2	Jr.
Class 105	Climbing Up Unit 2	Int.
Class 106	Climbing Up Unit 2	Sr.

#### LEAPING FORWARD—UNIT 3

Class 107	Leaping Forward Unit 3	Jr.
Class 108	Leaping Forward Unit 3	Int.
Class 109	Leaping Forward Unit 3	Sr.

All exhibits will consist of the following:

A. A completed Cat Display e-Record presented in a sturdy binder/notebook.

B. A display board illustrating a topic investigated during the project year. The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of the display board.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

## HORSELESS HORSE

Note: Please read 4-H Project Exhibit Rules on page 71.

### MAKING HORSE SENSE—UNIT 1

- Class 201 Making Horse Sense Unit 1 Jr.  
Class 202 Making Horse Sense Unit 1 Int.  
Class 203 Making Horse Sense Unit 1 Sr.

### HOOVES, HEALTH & HORSEMANSHIP—UNIT 2

- Class 204 Hooves, Health & Horsemanship Unit 2 Jr.  
Class 205 Hooves, Health & Horsemanship Unit 2 Int.  
Class 206 Hooves, Health & Horsemanship Unit 2 Sr.

### BREAKING GROUND—UNIT 3

- Class 207 Breaking Ground Unit 3 Jr.  
Class 208 Breaking Ground Unit 3 Int.  
Class 209 Breaking Ground Unit 3 Sr.

### BRUSHING UP ON HORSES—UNIT 4

- Class 210 Brushing Up on Horses Unit 4 Jr.  
Class 211 Brushing Up on Horses Unit 4 Int.  
Class 212 Brushing Up on Horses Unit 4 Sr.

All exhibits will consist of the following:

A. The completed **Horseless Horse Unit Manual** and e-Record presented in a sturdy binder/notebook.

B. A display board illustrating a topic investigated during the project year. The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of the display board.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

## VETERINARY SCIENCE

Note: Please read 4-H Project Exhibit Rules on page 71.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

### FROM AIREDALES TO ZEBRAS—UNIT 1

- Class 301 From Airedales to Zebras Unit 1 Jr.  
Class 302 From Airedales to Zebras Unit 1 Int.  
Class 303 From Airedales to Zebras Unit 1 Sr.

### ALL SYSTEMS GO!—UNIT 2

- Class 304 All Systems Go! Unit 2 Jr.  
Class 305 All Systems Go! Unit 2 Int.  
Class 306 All Systems Go! Unit 2 Sr.

### ON THE CUTTING EDGE—UNIT 3

- Class 307 On the Cutting Edge Unit 3 Jr.  
Class 308 On the Cutting Edge Unit 3 Int.  
Class 309 On the Cutting Edge Unit 3 Sr.

**Note: Turn in work only from the above manuals. Do not fill out the Nebraska materials (The Normal Animal, Animal Disease, and Animal Health). They are for resource only.**

All exhibits will consist of the following:

A. A project manual (**Cooperative Curriculum System, CCS—From Airedales to Zebras or All Systems Go or On the Cutting Edge**) and **Veterinary Science** e-Record presented in a sturdy binder/notebook, including these items: manual with appropriate sections completed and e-Record and other attachments related to activities in the manual. Do a minimum of seven activities, any combination of activities, and booster shots. These units may be completed in three years.

Note: List the day, month, and year for the date of completed activities/booster shots on page 4 of the manual.

B. A display board illustrating a topic investigated during the project year. The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of the display board.

## COMMUNICATION, ARTS, &

## LEISURE SCIENCES

### CERAMICS

Note: Please read 4-H Project Exhibit Rules on page 71.

**GLAZES—UNIT 1** – includes glazes on earthenware, stoneware, and porcelain.

Class 401	Glazes Unit 1	Jr.
Class 402	Glazes Unit 1	Int.
Class 403	Glazes Unit 1	Sr.
Class 404	Glazes Bisque Option Unit 1	Jr.
Class 405	Glazes Bisque Option Unit 1	Int.
Class 406	Glazes Bisque Option Unit 1	Sr.

**UNDERGLAZES—UNIT 2** – includes underglazes on earthenware, stoneware, and porcelain.

Class 407	Underglazes Unit 2	Jr.
Class 408	Underglazes Unit 2	Int.
Class 409	Underglazes Unit 2	Sr.
Class 410	Underglazes Bisque Option Unit 2	Jr.
Class 411	Underglazes Bisque Option Unit 2	Int.
Class 412	Underglazes Bisque Option Unit 2	Sr.

**OVERGLAZES—UNIT 3** – includes overglazes on earthenware, stoneware, and porcelain.

Class 413	Overglazes Unit 3	Jr.
Class 414	Overglazes Unit 3	Int.
Class 415	Overglazes Unit 3	Sr.

**UNFIRED FINISHES—UNIT 4** – Includes unfired finishes on earthenware, stoneware, and porcelain.

Class 416	Unfired Finishes Unit 4	Jr.
Class 417	Unfired Finishes Unit 4	Int.

Class 418 Unfired Finishes Unit 4 Sr.

Class 419 Unfired Bisque Option Unit 4 Jr.

Class 420 Unfired Bisque Option Unit 4 Int.

Class 421 Unfired Bisque Option Unit 4 Sr.

**PORCELAIN DOLLS—UNIT 5** – includes China paint on polished bisque or glazed porcelain (China). Soft-fired greenware is highly recommended for all doll projects.

Class 422 Porcelain Dolls Unit 5 Jr.

Class 423 Porcelain Dolls Unit 5 Int.

Class 424 Porcelain Dolls Unit 5 Sr.

**HAND-CONSTRUCTED—UNIT 6**  
**Stone or Earthen ware**

Class 425 Hand-Constructed Unit 6 Jr.

Class 426 Hand-Constructed Unit 6 Int.

Class 427 Hand-Constructed Unit 6 Sr.

Note: Please read 4-H Project Exhibit Rules on page 70.

Project Exhibit Rules:

1. One piece consists of no more than one item with lid (i.e., sugar bowl with lid). More than one piece is considered a set. Pieces in a set must be related.
2. All work must be done by the member, including the cleaning of greenware or soft bisque used in the Porcelain Doll Unit.
3. A member repeating any unit must learn new skills.
4. All ceramic pieces must be free for close inspection by the judge (*i.e., flowers should not be fastened with floral clay in a flowerpot; doll's clothing must be easily removed*). If not, the piece/pieces will be disqualified.
5. Completed e-Record must be entered with the exhibit piece.
6. Bisque option is for items that are already cleaned and fired and can be exhibited in Units 1, 2, and 4.

All exhibits will consist of the following:

A. Completed Ceramics e-Record presented in a sturdy binder/notebook.

B. Two completed learning projects with information listed on the Ceramic page.

C. Include at least three technique sheets for completed project. Technique sheet should have enough information included so the exhibitor or other persons would be able to make a project very similar by following the instructions. You should have a technique sheet with each piece you exhibit.

The technique sheet should include:

1. A list of all tools and brushes used. Sizes should be included, if applicable.
2. A list of brand names, numbers and colors used.
3. A list of steps;
  - a. If the piece was bisque-fired before application of color and to what cone size or temperature.
  - b. How the color/colors were applied and number of coats. The cone size or temperature the color/colors were fired.
  - c. A list of other products used.

D. One piece or set showing techniques learned.

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).



## FILMMAKING

Note: Please read 4-H Project Exhibit Rules on page 71.

### ANIMATION

Class 501	Animation	Jr.
Class 502	Animation	Int.
Class 503	Animation	Sr.

### NARRATIVE

Class 504	Narrative	Jr.
Class 505	Narrative	Int.
Class 506	Narrative	Sr.

### DOCUMENTARY

Class 507	Documentary	Jr.
Class 508	Documentary	Int.
Class 509	Documentary	Sr.

### PROMOTIONAL

Class 510	Promotional	Jr.
Class 511	Promotional	Int.
Class 512	Promotional	Sr.

### VOICES OF 4-H HISTORY

Class 513	Voices of 4-H History	Jr.
Class 514	Voices of 4-H History	Int.
Class 515	Voices of 4-H History	Sr.

#### Descriptions of Filmmaking Project Categories:

1. Animation – A film created by techniques that simulate movement from individual images.
2. Narrative – A film which tells a story that you created. It can be based on fact or fiction.
3. Documentary – A film which presents information about a person, event, or process.
4. Promotional – This category is for films or public service announcements that are meant to publicize 4-H programs or some other cause that you are passionate about.
5. Voices of 4-H History – A historical perspective on 4-H. May be a narrative, documentary, animation, etc.
6. **For all videos a link must be provided, so the judge can view the video.**

**For all videos a link must be provided, so the judge can view the video.**

All exhibits will consist of the following:

- A. Completed **Filmmaking** e-Record and binder including story board.
- B. Video must be less than 10 minutes in length.
- C. Make sure your video is in good taste (like G and PG ratings). Videos may be disqualified if deemed to have questionable content. The 4-H Code of Conduct must be followed.
- D. **A link must be provided to view the video.**  
Members must supply the following information:
  1. Name
  2. County
  3. Title
  4. Class
  5. 4-H Age
  6. Short Description
- E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## GLOBAL CITIZENSHIP

Note: Please read 4-H Project Exhibit Rules on page 71.

### STUDY OF ANOTHER COUNTRY—UNIT 1

- Class **601** Study of Another Country Unit 1 Jr.  
Class **602** Study of Another Country Unit 1 Int.  
Class **603** Study of Another Country Unit 1 Sr.

All exhibits will consist of the following:

A. A sturdy three-ringed notebook including a completed **Global Citizenship** e-Record with the following additional information:

- Section 1: Create an information sheet that explains the selected study topic and list the topic(s) studied (pages 6-9).  
Section 2: Describe any demonstrations or public speaking experiences you had associated with global citizenship. Please be specific about audience, topic, visual aids, etc.  
Section 3: Include a short story explaining what you learned from this study.  
Section 4: List the resources you used throughout your project.

B. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### HOST A DELEGATE FROM ANOTHER COUNTRY—UNIT 2

- Class **604** Host a Delegate from Another Country Unit 2 Jr.  
Class **605** Host a Delegate from Another Country Unit 2 Int.  
Class **606** Host a Delegate from Another Country Unit 2 Sr.

All exhibits will consist of the following:

A. A sturdy three-ring notebook including a completed **Global Citizenship** e-Record with the following additional information:

1. Preparation for your Exchangee's Arrival—page 3 of manual.
2. The Arrival page—3-4 of manual
3. During the Stay—page 4 of manual
4. After Departure—page 4 of manual
5. Resources—page 5 of manual

B. Provide information on at least one demonstration or public speaking experience that you gave on your global

citizenship project. Please record this information on the demonstration page in the e-Record. Be specific on audience, topic, visual aids, etc.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### EXCHANGE DELEGATE TO ANOTHER COUNTRY—UNIT 3

- Class **607** Exchange Delegate to Another Country **Unit 3** Int.  
Class **608** Exchange Delegate to Another Country **Unit 3** Sr.

All exhibits will consist of the following:

A. A sturdy three-ringed notebook including a completed **Global Citizenship** e-Record with the following information:

1. Before Departure—pages 5-6 of manual
2. During the Stay—page 6 of manual
3. In-depth Observation—page 6 of manual
4. Return to the United States—page 6 of manual
5. Resources—page 6 of manual

B. Provide information on at least one demonstration or public speaking experience that you gave on your global citizenship project. Please record this information on the Demonstration page in the e-Record. Be specific on audience, topic, visual aids, etc.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## LEADERSHIP

Note: Please read 4-H Project Exhibit Rules on page 71.

Intermediate and Senior Leadership exhibits will consist of the following display options along with the e-Record information listed below each unit:

- A. A display board summarizing a skill area, activity, or leadership topic the member learned. **The standardized display board size of 4 ft. x 3 ft.** is to be used with 4-H projects. No additional items may be included in front of the display board.

OR

A video summarizing a skill area, activity, or leadership topic the member learned. The video must be less than 10 minutes in length and a link to view the video must be provided. (NOTE: The video option is not available for the LEADERSHIP SKILLS YOU NEVER OUTGROW Junior unit.)

- B. All Leadership projects will be evaluated on the quality of the information completed in the e-Record (50 percent) and quality of the exhibit (50 percent).

### LEADERSHIP SKILLS YOU NEVER OUTGROW

Class 701 Leadership Skills You Never Outgrow Jr.

All exhibits will consist of the following:

- A. A sturdy three-ring notebook including a completed Leadership e-Record with the following additional information:
1. Complete at least one activity in the following sections of the manual and either place the pages or make copies of the pages and place in the e-Record:
    - a. Understanding Self
    - b. Communications
    - c. Getting Along with Others
    - d. Making Decisions
    - e. Plus, one of the exhibitor's choices from the manual
- C. A display board summarizing a skill area, activity, or leadership topic the member learned. **The standardized display board size of 4 ft. x 3 ft.** is to be used with 4-H projects. No additional items may be included in front of the display board.

### LEADERSHIP ROAD TRIP

Class 702 Leadership Road Trip Int.

Class 703 Leadership Road Trip Sr.

All exhibits will consist of the following:

- A. A sturdy three-ring notebook including a completed Leadership e-Record with the following additional information:
1. Complete all 12 activities in the **Leadership Road Trip** manual and either include the manual or make copies of the pages and place in the e-record.
  2. Summaries or description of at least two *Learning Experiences* OR *More Challenges* from the Leadership Road Trip manual.

### PUT LEADERSHIP TO PRACTICE

Class 704 Put Leadership to Practice Int.  
(Club Leadership I Manual)

Class 705 Put Leadership to Practice Sr.  
(Club Leadership I Manual)

All exhibits will consist of the following:

- A. A sturdy three-ring notebook including a completed Leadership e-Record with the following additional information:
1. Complete all 10 activities and Talking Over Activities in the **Club Leadership I Manual** and either include the manual or make copies of the pages and place in the e-record.
  2. Summaries or description of at least two *Learning Experiences* OR *More Challenges* from the Club Leadership I manual.
  3. Summary or description of at least one individualized goal to benefit your leadership skills.

### REFINING LEADERSHIP SKILLS

Class 706 Refining Leadership Skills Sr.  
(Club Leadership II Manual)

All exhibits will consist of the following:

- A. A sturdy three-ring notebook including a completed Leadership e-Record with the following additional information:
1. Complete all 11 activities in the **Club Leadership II Manual** and either include the manual or make copies of the pages and place in the e-Record.
  2. Summaries or description of at least two *Learning Experiences* OR *More Challenges* from the Club Leadership II manual.
  3. Summary or description of at least two individualized goals to benefit your leadership skills.

## COMMUNITY SERVICE

Class 707 Community Service Project Sr.  
(My Hands for Larger Service Manual)

All exhibits will consist of the following:

A. A sturdy three-ring notebook including a completed Leadership e-Record with the following additional information:

1. Complete all 9 activities in the *My Hands for Larger Service Manual* and either include the manual or make copies of the pages and place in the e-Record.

## LEATHERCRAFT

Note: Please read 4-H Project Exhibit Rules on page 71.

Project Exhibit Rules for All Units:

1. Put name, age, and county on back of exhibit board **and on tag attached to individual exhibit articles.**
2. Indicate in e-Record whether articles are made from a kit or are self-cut and designed by the member.
3. A set means several things of the same kind that belong, or are used, together (i.e., six matching coasters, belt, and buckle with matching designs, etc.).
4. **It is suggested (not required) to do Units 1-3 in order.** Units 4-9 may be taken in any order. **Members** in Units 4-9 may exhibit in more than one unit, provided the member is enrolled in and has completed the requirements of each of the units **they are exhibiting** in.
5. Definitions:
  - Background dyeing**—dyeing a solid color to the area tooled with the backgrounder.
  - Carving**—is where you cut into the leather (usually with a swivel knife) as part of the design you are tooling.
  - Clear finish**—is a top finish for tooling leather that has no color in it to protect leather. Some are waterproof, and some are not. For example, oil (no color added), leather finish spray or wipe (no color).
  - Color shading**—is using shades of color to make the design look more realistic. For example, use darker and lighter shades of a color on a tooled flower, animal or figure of any kind to make it look more realistic. Paints will be accepted.
  - Decorative swivel knife carving**—is carving a **design with lines and scrolls. Shading can be done with lines close together, called hatching.**
  - Figure carving**—is the carving of figures (i.e., persons, animals, objects, etc.)
  - Lace**—is flat with a shiny side and a rough side.
  - Matched set**—is a set of two or more items with elements in common among each of the items. For example, bookmarks with the same border, a set of coasters with a variety of floral designs, a common theme among the items, etc.

**Pictorial carving**—is the adding of background areas (i.e., trees, fence, mountains, grass, etc.) to the carving to make the picture complete. (Note: All pictures meant to be hung need **to** be complete with hardware to hang for display, whether framed or not.)

**Sewing thread**—is round thread, waxed or not. **(Sometimes a light cord is used like a thread)**

**Solid color dyeing**—is dyeing the whole project the same color. For example, tool a belt and then dye it all black or make a book cover and dye it all one color.

**Staining/Antiquing**—will add a little color and bring out and enhance cuts, tooling and stamping. Usually, it is a cream that is applied and wiped off.

**Stamping/Tooling**—is where you use impressions made from tools to form a design.

**Traditional carving**—includes floral, scrolls, oak leaf, maple leaf type patterns.

**Two tone finish**—is a technique where an area has a **clear finish applied to some areas**, which will give a two-tone effect after an additional antique finish is applied.

## INTRODUCTION TO LEATHERCRAFT AND CREATIVE STAMPING—UNIT 1

Class **801** Intro to Leathercraft & Creative Stamping Jr.

Class **802** Intro to Leathercraft & Creative Stamping Int.

Class **803** Intro to Leathercraft & Creative Stamping Sr.

All exhibits will consist of the following:

A. Completed **Leathercraft** e-Record presented in a sturdy binder/notebook.

B. Exhibit two completed leather articles. **Place the exhibit items on a board 12"x18"x 1/8" or 1/4"** (preferably pegboard) to which items are attached by means of lacing or thread, so items are less likely to be misplaced during display.

One each from categories below:

1. One completed article or one **matched** set of articles **with a creative stamping design** on a single layer of leather. Examples: belt, bookmark, wrist bracelet, **or** set of coasters **with matching elements.**
2. One completed article **with a creative stamping design on** at least two pieces of leather that are hand sewed together with lacing and/or thread stitching **using whip stitch, running stitch, or saddle stitch.** Examples: coin purse, knife sheath/case, simple purse, wallet. Pre-cut or self-cut kits are allowed.

- C. Apply a **clear finish** to complete your article.
- D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

**Not Permitted in Unit 1: Carving, color shading or dyeing, antiquing, or machine sewing.**

### BEGINNING LEATHER CARVING—UNIT 2

- Class **804** Beginning Leather Carving Jr.
- Class **805** Beginning Leather Carving Int.
- Class **806** Beginning Leather Carving Sr.

All exhibits will consist of the following:

- A. Completed **Leathercraft** e-Record presented in a sturdy binder/notebook.
- B. Exhibit three samples and one article. Any floral pattern can be used as long as it **uses all the required tools of Unit 2 within the design. Exhibit board 12"x18"x 1/8" or 1/4" (preferably pegboard)** to which items are attached by means of lacing or thread:
1. Three samples with labels showing:
    - Sample 1: Use of swivel knife and camouflage tool.
    - Sample 2: Use of swivel knife, camouflage tool, pear shader, beveler, and veiner.
    - Sample 3: Use of swivel knife, camouflage tool, pear shader, beveler, and veiner, seeder, backgrounder, and decorative cuts. **Note: The labels should reflect the tools used for each sample.**
  2. One completed article using tools and skills studied in Unit 2 with double loop lacing.

C. Apply a clear leather finish to complete your article and sample 3 (optional for samples 1 and 2, so one could complete samples being exhibited later and then apply a finish).

D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

**Not Permitted in Unit 2: Pictorial carving or figure carving (realistic animal and human figures), color shading or dyeing, antiquing or machine stitching.**

### INTERMEDIATE LEATHER CARVING—UNIT 3

- Class **807** Intermediate Leather Carving Jr.
- Class **808** Intermediate Leather Carving Int.
- Class **809** Intermediate Leather Carving Sr.

All exhibits will consist of the following:

- A. Completed **Leathercraft** e-Record presented in a sturdy binder/notebook.
- B. One completed article, matching set, or picture/wall hanging that includes at least one of the major skills: **traditional carving**, inverted **carving**, or silhouette **carving** techniques. (Note: All pictures **or wall hangings** meant to be hung need to be complete with hardware to hang for display, whether framed or not.)
- C. **Clear finish, staining/antiquing, two tone finishes, and background dyeing** are allowed in Unit 3. No machine stitching allowed. **Any lacing and/or hand stitching may be used in this unit, though they are not required.**
- D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

**Not Permitted in Unit 3: Pictorial carving or figure carving (realistic animal and human figures), color shading, solid color dyeing (only background dyeing is permitted), or machine stitching.**

### ADVANCED UNITS 4 – 9

**Note: The advanced units do not have to be taken in order. All pictures or wall hangings in units 4-8 meant to be hung need to be complete with hardware to hang for display, whether framed or not.**

### ADVANCED LEATHER CARVING—UNIT 4

- Class **810** Advanced Leather Carving Jr.
- Class **811** Advanced Leather Carving Int.
- Class **812** Advanced Leather Carving Sr.

All exhibits will consist of the following:

- A. Completed **Leathercraft** e-Record presented in a sturdy binder/notebook.
- B. One completed article, matching set, or picture/wall hanging using **one of the following techniques**: advanced **traditional carving**, **figure carving**, **pictorial carving**, **decorative swivel knife carving**, embossing or filagree work.



C. Clear finish, staining/antiquing, two tone finishes, and background dyeing are allowed in Unit 4. Any lacing, hand sewing, and/or machine sewing may be used in Unit 4, though they are not required.

D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

**Not Permitted in Unit 4: Color shading and solid color dyeing (only background dyeing is permitted).**

### ADVANCED STAMPING—UNIT 5

Class 813 Advanced Stamping Jr.

Class 814 Advanced Stamping Int.

Class 815 Advanced Stamping Sr.

All exhibits will consist of the following:

A. Completed **Leathercraft** e-Record presented in a sturdy binder/notebook.

B. One completed article, matching set, or picture/wall hanging using an advanced stamping design. Minimal **carving** is allowed for effect (i.e., use swivel knife to carve border, letters, brands, etc.).

C. Any lacing, hand sewing, and/or machine sewing may be used in Unit 5, though they are not required.

D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### SEWING LEATHER—UNIT 6

Class 816 Sewing Leather Jr.

Class 817 Sewing Leather Int.

Class 818 Sewing Leather Sr.

All exhibits will consist of the following:

A. Completed **Leathercraft** e-Record presented in a sturdy binder/notebook.

B. One completed article, matching set or garment made primarily by sewing leather. The focus of this unit is developing sewing construction skills. Judging will be based more on construction and sewing than on tooling and other techniques.

C. Any hand sewing and/or machine sewing may be used in Unit 6.

D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### BRAIDING AND UN-TOOLED LEATHER—UNIT 7

Class 819 Braiding and Un-tooled Leather Jr.

Class 820 Braiding and Un-tooled Leather Int.

Class 821 Braiding and Un-tooled Leather Sr.

All exhibits will consist of the following:

A. Completed **Leathercraft** e-Record presented in a sturdy binder/notebook.

B. One completed article, matching set or picture/wall hanging constructed with un-tooled leather using one or more of these leather art techniques: Lacing, braiding, expanding, sculpting, or molding leather. (Minimal tooling for effect, such as names, initials, or brands will be accepted.)

C. Any lacing, hand sewing, and/or machine sewing may be used in Unit 7, though they are not required.

D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### MASTER LEATHERCRAFT—UNIT 8

Class 822 Master Leathercraft Jr.

Class 823 Master Leathercraft Int.

Class 824 Master Leathercraft Sr.

All exhibits will consist of the following:

A. Completed **Leather** e-Record presented in a sturdy binder/notebook.

B. One completed article, matching set or picture/wall hanging using multiple leather working techniques.

C. Any lacing, hand sewing, and/or machine sewing may be used in Unit 8, though they are not required.

#### Some examples of using multiple leathercraft techniques on a project:

1. An article with a stamping design that included an area of figure carving.
2. A carved picture with a stamped frame.
3. A floral carving with areas of geometric stamping.
4. A purse with basket stamping and an embossed horse head on the front flap.
5. A belt with silhouette carved horses and a name in the back with filigree.

The combinations of techniques are endless!

D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### **MAKING AND REBUILDING SADDLES—UNIT 9**

Class **825** Making and Rebuilding Saddles Jr.

Class **826** Making and Rebuilding Saddles Int.

Class **827** Making and Rebuilding Saddles Sr.

All exhibits will consist of the following:

A. Completed **Leathercraft** e-Record presented in a sturdy binder/notebook.

B. One completed saddle (a new build or rebuild of existing saddle). The leather may be either tooled or un-tooled and may be finished in any suitable fashion.

**C. Any lacing, hand sewing, and/or machine sewing may be used in Unit 9, though they are not required.**

D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## PHOTOGRAPHY

Note: Please read 4-H Project Exhibit Rules on page 71.

### Project Exhibit Rules:

1. For all units, submit photo material for the current unit being entered. Do not submit previous photos or records unless requested for an activity in the unit.
2. Display photo may be up to 5" x 7" in size. The photo must be mounted on a mat and suitable for hanging without additional frame. No other mounted materials (i.e., glass, wood, plastic, metal, etc.) can be used. The maximum size for the matted only picture is no larger than 8"x10" (no frame or glass)
3. All photos in the photo journal/notebook should be 4"x 6" unless otherwise indicated in the manual. If the photos do not fit on the page, add a page for the photo.
4. **Display photo will be used to display at state fair, so be careful when picking your best photo. Notebooks will not be displayed**
5. Photo Journal Binder/notebooks: Use a hardback, three-ring notebook up to 3 inches in size for all units. No posters or oversized books. Do not use plastic covers on any pages in the unit. All materials must fit within the notebook. Additional pages can be added as needed to exhibit your photos. **Notebooks will be judged but will not be displayed.**
6. For photo exhibits in Units 1-3 follow the tips in the manuals. **Photos can be mounted on cardstock.**
7. Label format for UNITS 1-5:  
Camera used \_\_\_\_\_  
Activity # \_\_\_\_\_  
Photo # (left to right and top to bottom) \_\_\_\_\_  
Subject \_\_\_\_\_  
Date Photo Taken \_\_\_\_\_
8. Label Format for UNIT 6  
Photo # or Media  
Used \_\_\_\_\_  
Subject \_\_\_\_\_  
Date Photo Taken or Date of  
Film \_\_\_\_\_  
Notes \_\_\_\_\_
9. Unit 5 **Low Light** Photography is not limited to only lightning photos. Youth can exhibit photos taken at night: moonlight photos, fireworks, night-time photos. Photos using long exposure and high speed can also be exhibited. Be sure to check out the exhibit requirements.

## Matting Photos Guidelines

Matting adds dimension to compliment and accent the photo. Matting will help focus attention on the photos and add visual interest along with balance to a layout.

Matting a photo means to put a border around it. Choose a color that brings out another color in the photo but is different than the background color. Light matte colors will help lighten a dark photo and a dark **matte** color will make the colors look deeper and richer.

For county and state fair display, please select a photo that is 5" x 7" in size that is one of the photo techniques you are using within your unit (read specific requirements for each unit). The maximum size for the matted photo will be 8" x 10".

These photos will be hung for display. Please attach string or some type of hanging mechanism for the photo to hang. Please do not put the photo in a frame.

Please attach to the back of your photo the following information:

- Member name
- Member County
- Subject
- Date photo Taken
- Notes

## PHOTOGRAPHY BASICS—UNIT 1

Class 901	Photography Basics Unit 1	Jr.
Class 902	Photography Basics Unit 1	Int.
Class 903	Photography Basics Unit 1	Sr.

All exhibits will consist of the following:

A. Completed **Photography Unit 1** e-Record. Include the following in your story: what camera you used this year (brand name, film size, etc.), how you stored your pictures and why you picked your Display Photo. **(Also include photos of you working on your project in the e-Record photo page.)**

B. Completed Photo Journal/Binder. All photos must be labeled as follows:

1. Camera used
2. Activity #
3. Photo# (left to right and top to bottom)
4. Subject
5. Date Photo Taken

C. Best Photo – 5x7 matted and ready to hang (no glass or frame).

D. You will include the following photos (total of 27 photos) in your photo journal/binder. Photos may be mounted on cardstock with reference to activity.

1. Activity 1 – 2 photos:
  - a. 1 zoomed in and 1 zoomed out
2. Activity 2 – 4 photos:

- a. 2 landscape view – 1 photo not using a tripod and 1 photo using a tripod
  - b. 2 portrait view – 1 photo using a tripod and 1 photo not using tripod
3. Activity 3 – 6 photos:
- a. 3 photos taken outdoors - 1 at noon, 1 at 4pm and 1 at 8pm
  - b. 3 photos taken indoors – 1 at 10am, 1 at Noon and 1 at 2pm

Note – The goal of this activity should be learning how to use light effectively to capture the subject using correct composition.

4. Activity 4 – 3 photos:
- a. 1 photo with an outdoor shadow
  - b. 1 human shadow pose
  - c. 1 large shadow of choice
5. Activity 5 – 4 photos:
- a. 4 photos using the same object of choice, captured with different directions of light; use flashlight or similar to create lighting.
    - i. Object with front lighting
    - ii. Object with side lighting
    - iii. Object with back lighting
    - iv. Object with top lighting
6. Activity 6 – 2 photos:
- a. Choose from options 1, 2 or 3 on page 32 in the manual and post one photo with flash and one without.
7. Activity 7 – 3 photos (can be same subject):
- a. 1 landscape photo representing use of background
  - b. 1 landscape photo representing use of middle-ground
  - c. 1 landscape photo representing use of foreground

Note – each photo should have an obvious focal point using the above to create a photo that compliments your subject.

8. Activity 8 – 3 photos:
- a. 1 photo of friend with long or body shot
  - b. 1 photo of friend with head shot
  - c. 1 photo of object with close up

Note – These photos should demonstrate the correct use of zoom or moving closer or further to the subject to achieve the correct composition.

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## PHOTOGRAPHY BASICS—UNIT 2

Class 904	Photography Basics Unit 2	Jr.
Class 905	Photography Basics Unit 2	Int.
Class 906	Photography Basics Unit 2	Sr.

All exhibits will consist of the following:

A. Completed **Photography Unit 2** e-Record. Include the following in your story: what camera you used this year (brand name, etc.), how you stored your pictures and why you picked your Display Photo. **(Also include photos of you working on your project in the e-Record photo page.)**

B. Completed Photo Journal/Binder. All photos must be labeled as follows:

1. Camera used
2. Activity #
3. Photo# (left to right and top to bottom)
4. Subject
5. Date Photo Taken

C. Best Photo – 5x7 matted and ready to hang (no glass or frame).

D. You will include the following photos (total of 31-33 photos) in your photo journal/binder. Photos may be mounted on cardstock with reference to activity.

1. Activity 9 – 4 photos:
  - a. 2 photos with clutter (more than 3 items other than focal point)
  - b. 2 photos uncluttered – use same focal point for 2 pictures (i.e., focal point tree – clutter and uncluttered; focal point friend – cluttered and uncluttered)

Note – Both sets of photos should combine all composition elements learned in the First year of this unit with the overall goal of reducing clutter in the background of the photographs.
2. Activity 10 – 4 photos:
  - a. 4 photos of same subject -1 taken from each position
    - i. On stomach – aiming at ground level
    - ii. On back – aiming up
    - iii. Leaning over – aiming down
    - iv. Sideways – aiming directly ahead
3. Activity 11 – 4 photos:
  - a. Display 4 photos demonstrating your 4 favorite special effect techniques listing in the manual (choose from plant growing, balancing act, ceiling walking and “underwater”)
4. Activity 12 – 2 photos:
  - a. 1 selfie
  - b. 1 selfie with 3 or more people (including yourself)
5. Activity 13 – 6 photos:
  - a. 2 action photos
  - b. 1 photo of a person
  - c. 1 photo of a place
  - d. 1 photo of a thing/still-life
  - e. 1 photo of an animal
6. Activity 14 – 3-5 photos:
  - a. 3 to 5 photos displayed in order to tell a story

Note – Plan out your story with a storyboard and include this in your exhibit
7. Activity 15 – 4 photos:

- a. 4 black and white photos, keeping in mind the rules of composition and lighting to produce creative photos
- 8. Activity 16 – 4 photos:
  - a. Choose 4 of your favorite photos taken during your entire time in Photography Basics (including the First and Second Units). These can be photos you have used for exhibit or photos that you took while experimenting with different photography techniques. Using the Photo Scorecard on page 79, evaluate your own photography and include your evaluation with your exhibit.

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### PHOTOGRAPHY— UNIT 3 (NEXT LEVEL)

Class 907	Next Level Photography Unit 3	Jr.
Class 908	Next Level Photography Unit 3	Int.
Class 909	Next Level Photography Unit 3	Sr.

All exhibits will consist of the following:

A. Completed **Photography Unit 3** e-Record. Include the following in your story: what camera you used this year (brand name, etc.), how do you store your pictures and why did you pick your Display Photo pictures. **Also include photos of you working on your project in the e-Record photo page.**

B. Completed Photo Journal/Binder. All photos must be labeled as follows:

1. Camera used
2. Activity #
3. Photo# (left to right and top to bottom)
4. Subject
5. Date Photo Taken

C. Best Photo – 5x7 matted and ready to hang (no glass or frame).

D. You will include the following photos (total of 31-32 photos) in your photo journal/binder. Photos may be mounted on cardstock with reference to activity.

1. Activity 1 – 2 photos:
  - a. 2 photos using different lenses for each photo
2. Activity 2 – 2 photos:
  - a. 2 photos using (2) special effects from the suggestions on page 16, or special effect lenses.
3. Activity 3 – 4 photos:
 

Note - 4 photos, each of a different subject. Choose from the following: landscape, buildings, monuments, people, still life, close ups for details

  - a. 2 photos demonstrating hard light

- b. 2 photos demonstrating soft/diffused light
- 4. Activity 4 – 2 photos:
  - a. Best reflection photos that have good composition
- 5. Activity 5 – 2 photos without using flash to convey mood:
  - a. 1 photo using artificial light
  - b. 1 photo using natural light
- 6. Activity 6 – 2 photos:
  - a. 1 photo demonstrating rule of thirds in landscape view
  - b. 1 photo demonstrating rule of thirds in portrait view
- 7. Activity 7 – 2 photos:
  - a. 1 photo demonstrating golden triangle using transparent template
  - b. 1 photo demonstrating golden rectangle using transparent template
- 8. Activity 8 – 3 photos:
  - a. 3 photos of different subjects shooting from different angles and viewpoints
- 9. Activity 9 – 2 photos:
  - a. 2 photos using composition elements and **negative** space in the photo to tell the story
- 10. Activity 10 – 2 photos:
  - a. 2 candid photos
- 11. Activity 11 – 1 photo:
  - a. 1 photo that fills the entire frame of the photo with a piece of the subject
- 12. Activity 12 – 1 photo:
  - a. 1 panorama photo
- 13. Activity 13 – 2 photos:
  - a. 1 photo that shows warm colors
  - b. 1 photo that shows cool colors
- 14. Activity 14 – 4 photos:
  - a. Each photo should have a specific purpose behind it. Be sure to use the skills and techniques learned so far during your units to take quality photos for this activity.

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### PHOTOGRAPHY—UNIT 4 (MASTERING PHOTOGRAPHY)

Class 910	Mastering Photography Unit 4	Jr.
Class 911	Mastering Photography Unit 4	Int.
Class 912	Mastering Photography Unit 4	Sr.

All exhibits will consist of the following:

A. Completed **Photography Unit 4** e-Record. Include the following in your story: what camera you used this year (brand name, etc.), how do you store your pictures. **Also include photos of you working on your project in the e-Record photo page.**

B. Completed Photo Journal/Binder. All photos must be labeled as follows:

1. Camera used
2. Activity #
3. Photo# (left to right and top to bottom)
4. Subject
5. Date Photo Taken

C. Favorite Photo – page 7 Mastering Photography Book 3

D. Posterboard Photo Joiner (Activity 13) - This will be your exhibit item with your e-record, favorite matted photo and photo journal/binder which includes the photos from the following activities.

D. You will include the following photos (total of 30 photos) in your photo journal/binder. Photos may be mounted on cardstock with reference to activity.

1. Activity 1 – 2 photos:
  - a. 1 photo using 1/250 f8 of a bright scene
  - b. 1 photo using 1/250 f8 of a dark scene
2. Activity 2 – 2 photos:
  - a. 1 photo using small f-stop
  - b. 1 photo using large f-stop
3. Activity 3 – 2 photos:
  - a. 2 night photos using correct aperture
4. Activity 4 – 1 photos:
  - a. 1 photos with the subject backlit with the main subject in the foreground
5. Activity 5 – 3 photos:
  - a. Silhouette in nature
  - b. Silhouette taken indoors
  - c. A silhouette of your choice
6. Activity 6 – 1 photo:
  - a. 1 photo using either geometric shapes or interesting framing
7. Activity 7 – 2 photos:
  - a. 1 photo that represents harmony
  - b. 1 photo that represents discord
8. Activity 8 – 4 photos:
  - a. 4 still life photos that demonstrate similar themes, similar colors and different lighting
9. Activity 9 – 4 photos:
  - a. 4 portrait photos with different poses
10. Activity 10 – 4 photos of different subjects using macrophotography:
  - a. 1 photo representing symmetry/asymmetry
  - b. 1 photo representing pattern/texture
  - c. 1 photo representing shape/form
  - d. 1 photo representing visual rhythms
11. Activity 11 – 2 photos:
  - a. 2 action photos
12. Activity 12 – 2 photo:
  - a. 2 photos showing either astrophotography, underwater or Infrared techniques
13. Activity 13: - 1 photo of joiner
  - a. Make a posterboard joiner using a minimum of 40 photos

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### PHOTOGRAPHY—UNIT 5 (LOW LIGHT)

Class 913	Low Light Photography Unit 5	Jr.
Class 914	Low Light Photography Unit 5	Int.
Class 915	Low Light Photography Unit 5	Sr.

All exhibits will consist of the following:

A. Completed Photography Unit 5 e-Record with emphasis on your challenges and accomplishments in your story. Include photos in the e-Record photo page of you working on your project.

B. All photos must be labeled as follows in your photo journal/binder:

1. Camera used
2. Exposure details
3. Photo# (left to right and top to bottom)
4. Activity from the manual (include activity number and title)
5. Subject
6. Date Photo Taken

C. Three 5"x7" photos mounted on a 8"x10" picture mat. No other mounted materials (i.e., glass, wood, plastic, metal, etc.) can be used.

D. These three photos can be taken from any of the categories that are listed in the manual. Each display photo needs to be a different subject.

E. Your portfolio of at least twenty 4"x6" prints: photos that you took while doing the project are included inside your journal/binder.

F. Attached to the back of the submitted print should be:

1. Name
2. County
3. Date, time, and location of photo
4. Make and model of camera used
5. Shutter speed and aperture setting
6. ASA film speed (for film cameras) or ISO resolution setting (for digital cameras)

G. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).



## PHOTOGRAPHY—UNIT 6 (ADVANCED)

**Note:** This unit is for those 4-H members who have advanced photography experience (i.e. creative darkroom work, publishing, careers, etc.).

- Class **916** Advanced Photography Unit 6 Int.  
Class **917** Advanced Photography Unit 6 Sr.

All exhibits will consist of the following:

A. Completed Photography Unit 6 e-Record with emphasis on accomplishments in your story. Include photos in the e-Record photo page of you working on your project.

B. All photos must be labeled as follows in your photo journal/binder:

1. Photo #
2. Subject
3. Date Photo Taken
4. Notes

C. Include the following information on the Advanced Photography Unit 6 Information page.

1. Goals
2. Plans
3. Accomplishments
4. Evaluation

D. Photos should show your progress and be labeled as successful or not, plus reasons.

E. Photo Journal/Binder notebook which illustrates achievements.

F. Display photo may be up to 5" x 7" in size but not larger than 8" x 10" matted. This photo will be used for displaying and must be matted.

G. Project will be evaluated on quality of content in the written statement and completion of e-Record (50 percent) and quality of content in notebook (50 percent).

**COLORADO 4-H DIGITAL PHOTO CONTEST**  
**Open to all 4-H members. Requirements will be in the Contest Requirements section. 4-H Members will submit their entries through FairEntry.**

## SCRAPBOOKING

Note: Please read 4-H Project Exhibit Rules on page 71.

1. Youth may exhibit in one or all classes that they choose.
2. Members who are exhibiting in several classes may copy their e-Record. Each exhibit (class) must have an e-Record. Be sure to highlight what you are exhibiting in your e-Record. Story and pictures must be unit specific.
3. **Members are required to learn/practice the number of techniques required for their age group on the Technique Reflection Page appropriate for their project in the e-Record. They are not required to use the techniques in their exhibit. However, evidence of having learned or practiced those techniques must be in the e-Record, either the piece itself, or a photo of it. The techniques learned and/or practiced should be documented on the Technique Reflection Page.**
4. All members will need to complete the Technique Reflection Page in Record Book with designated number of techniques based on age. **Required activities to include in record book: Jr.: 1 or more, Int.: 2 or more; Sr.: 3 or more.** Be sure to explain what you learned, how you learned it, and if you included them in the final project. Examples of techniques not used in the final project are to be included in record book, either a picture or actual technique.

Examples of techniques that can be used may include:

- Stickers or Die Cuts
- Tearing or cutting
- Double Photo Matting
- (2) Enlarged Photos (minimum size 5 x7); one must be black and white or sepia.
- Inking/Stamping/Coloring
- Create a border
- Fibers
- Buttons or beads
- Eyelets or brads
- Rub-ons or embossing
- Craft punches
- Chipboard
- Dimensional Design (may use another technique to create dimensional design, such as die-cut and stamping. Does not count as two techniques.)
- Two-page layout, coordinated and themed.
- Memorabilia (refer to manual)
- Trending techniques

## SCRAPBOOKING ONE PAGE LAYOUT

- Class **1001** One Page Layout Jr.  
Class **1002** One Page Layout Int.  
Class **1003** One Page Layout Sr.

All exhibits will consist of the following:

- A. Completed **Scrapbooking** e-Record presented in a sturdy binder/notebook with completed **Technique Reflection Page and required number of activities completed.**
- B. One-page layout scrapbook page 8 ½" x 11" or 12" x 12".
  1. Page shall contain techniques from your technique list that you have chosen to use in your project. Create a page that is pleasing to the eye, items are not cluttered, and colors are appropriate to subject matter.
  2. **Must be exhibited in a three-ring binder or scrapbook binder. Only submit the one page to be judged.**
- C. Journaling and titling must be included on the one page.
- D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## SCRAPBOOKING TWO PAGE LAYOUT

- Class **1004** Two Page Layout Jr.  
Class **1005** Two Page Layout Int.  
Class **1006** Two Page Layout Sr.

All exhibits will consist of the following:

- A. Completed **Scrapbooking** e-Record presented in a sturdy binder/notebook with completed **Technique Reflection Page and required number of activities completed.**
- B. Designated Two-page layout in 8 ½" x 11" or 12" x 12". Formatted to go together in a set (a two-page spread) that is coordinated by color and design which follows a theme with good logical order.
  1. Place the two-page layout in an appropriately sized binder in protective archival safe sleeves.
  2. Pages shall contain techniques from your technique list that you have chosen to use in your project. Create pages that are pleasing to the eye, items are not cluttered, and colors are appropriate to subject matter.
  3. **Must be exhibited in a three-ring binder or scrapbook binder. Only submit the two pages to be judged.**
- C. Journaling and titling must be included on the two-page layout.
- D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## SCRAPBOOKING ALBUM

Class 1007 Album	Jr.
Class 1008 Album	Int.
Class 1009 Album	Sr.

All exhibits will consist of the following:

- A. Completed e-Record presented in a sturdy binder/notebook with completed Technique Reflection Page and required number of activities completed.
- B. Completed album must contain eight (8) pages, designed on both front and back, for a total of sixteen (16) pages for Seniors; a total of six (6) pages, designed on both front and back, for a total of twelve (12) pages for Intermediates; and a total of four (4) pages, designed on both front and back, for a total of eight (8) pages for Juniors.
  1. Pages must be exhibited between a sturdy front and back cover with each page in a protective archival safe sleeve. If memorabilia are included, they should be encased in a protective sleeve and must include additional techniques to be part of the page count. For example, if an album contains fifteen pages of layouts and the sixteenth page is memorabilia only with no technique, the album is missing a page and can or will be disqualified.
  2. Mark album pages to correspond with the technique reflection page.
  3. Album shall follow a theme or be in chronological order.
  4. All pages must include Journaling:
    - a. Correct spelling.
    - b. Tell your story: who, what, when, where, and why?
    - c. Title each page, or two-page layout.
    - d. Album must contain at least one hand-written journal entry; all others may be typed.
  5. If adding pages to an album that has already been judged, only submit the pages done within the current 4-H year; do not include pages from past years. Document that this is an ongoing project (i.e., second edition "Seattle" album exhibited in 2016).
- C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## SCRAPBOOKING—TAG MAKING (For Juniors Only)

Class 1010	Tag Making	Jr.
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All exhibits will consist of the following:

- A. Completed e-Record presented in a sturdy binder/notebook with completed Technique Reflection Page and required number of activities completed.
- B. Set of 5 different hand-made tags following a theme with a maximum size of 3" x 5" per tag displayed on a sturdy 12" x 12" board.
  1. Tags shall contain techniques from your technique list that you have chosen to use in your project. Create tags that are pleasing to the eye, items are not cluttered, and colors are appropriate to subject matter.
  2. Tags should include a to/from or a greeting.
  3. Label tags on your board to correspond with Technique Reflection Page.
- C. No commercial based tags can be used.
- D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## SCRAPBOOKING—CARD MAKING (For Intermediates and Seniors Only)

Class 1011	Card Making	Int.
Class 1012	Card Making	Sr.

All exhibits will consist of the following:

- A. Completed e-Record presented in a sturdy binder/notebook with completed Technique Reflection Page and required number of activities completed.
- B. Set of 4 different hand-made cards following a theme with a maximum size of 4" x 6" per card displayed on a sturdy 12" x 12" board.
  1. Cards shall contain techniques from your technique list that you have chosen to use in your project. Create cards that are pleasing to the eye, items are not cluttered, and colors are appropriate to subject matter.
  2. Label cards on your board to correspond with Technique Reflection Page.
- C. No commercial based tags can be used.
- D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## VISUAL ARTS

Note: Please read 4-H Project Exhibit Rules on page 71.

### Exhibit your best design.

There is no limit for years of participation in a unit. Drawings and paintings must be no larger than 16" x 24" and submitted for judging ready to hang for display. Ready-to-hang for pictures means wire is secured (ex: with D-rings and screws) and heavy enough to hold the picture. Do not use tape or sawtooth hangers.

The Visual Arts project has two manuals, Portfolio Pathways and Sketchbook Crossroads. Portfolio Pathways has three chapters: Chapter 1, Painting; Chapter 2, Printing; and Chapter 3, Graphic Design. Sketchbook Crossroads has three chapters: Chapter 1, Drawing; Chapter 2, Fiber Arts; and Chapter 3, Sculpture.

## PORTFOLIO PATHWAYS—PAINTING AND PRINTING

Class 1101	Painting and Printing	Jr.
Class 1102	Painting and Printing	Int.
Class 1103	Painting and Printing	Sr.

## PORTFOLIO PATHWAYS—GRAPHIC DESIGN

Class 1104	Graphic Design	Jr.
Class 1105	Graphic Design	Int.
Class 1106	Graphic Design	Sr.

All exhibits will consist of the following:

- Completed e-Record in a sturdy binder/notebook.
- Complete a minimum of two art techniques listed under the media of Painting, Printing or Graphic Design. Provide pictures of all completed art techniques on the Visual Arts e-Record. (For example: Art techniques for painting -- acrylics, watercolors, abstracts, sand painting, self-portrait, action painting, oil painting with impasto, scumbling and perspective and encaustic painting. See manual for printing and graphic-design techniques.)
- Explain in your 4-H e-Record story what you learned.
- Exhibit: display your best art design. Oil paintings and acrylic paintings should be no larger than 16" x 24" canvas and ready to hang (no frames should be used). Oil and acrylic paintings may be framed without glass. Watercolor paintings should use small mattes and be framed with glass. The framed watercolor should not be larger than 16" x 24".

E. Graphic Design exhibit can be a logo or a self - portrait, a blog, advertisement, website, CD or DVD label, optical illusion, or a notebook of your graphic designs, etc.

F. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## SKETCHBOOK CROSSROADS—DRAWING

Class 1107	Drawing	Jr.
Class 1108	Drawing	Int.
Class 1109	Drawing	Sr.

## SKETCHBOOK CROSSROADS—DRAWING

Class 1110	Fiber and Sculpture	Jr.
Class 1111	Fiber and Sculpture	Int.
Class 1112	Fiber and Sculpture	Sr.

All exhibits will consist of the following:

- Completed e-Record presented in a sturdy binder/notebook.
- Complete a minimum of two art techniques listed under the media of Drawing, Fiber and Sculpture. Provide pictures of all the completed art techniques on the Visual Arts e-Record. (For example: Art techniques for drawing – continuous and contour, shading, perspective, paper choices, colored pencils, pen and ink, calligraphy and cartooning. See manual for fiber and sculpture techniques.)
- Explain in your 4-H e-Record story what you learned.
- Exhibit: display your best art design or sculpture. Framed drawings shall be no larger than 16" x 24" including the frame with glass and ready to hang. Fiber art may be framed without glass and ready to hang and no larger than 16"x 24".
- Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## FAMILY CONSUMER SCIENCE

### ARTISTIC CLOTHING

Note: Please read 4-H Project Exhibit Rules on page 71.

#### Project Exhibit Rules:

1. Requirement: All exhibit garments must be labeled with name, age, county and unit of the 4-H member. Labels must be attached at the inside of the neckline or at the waistband of skirts and pants. Information must be **printed** on a label and securely attached to garment or article. This will assist in case of property loss.

2. Garments may be worn before exhibiting but should be in good, clean condition.

3. An exhibit shall consist of no more than three coordinated pieces (but no accessory items such as shoes, jewelry, hats, etc.) **All clothing pieces must be securely attached together on hangers.**

4. e-Records – Do not use covers that are clear plastic with sliders.

5. Members are encouraged to select a unit that challenges their skills. All units will be judged on required skills included in the manual.

6. Note: All Colorado State Fair silk items or garments will be displayed only with a permission-to-display form that acknowledges possible fading caused by state fair display lighting. Permission-to-display forms are available at Extension offices.

### UPCYCLE YOUR STYLE—APPLIED

Class **1201** Applied Jr.

Class **1202** Applied Int.

Class **1203** Applied Sr.

All exhibits will consist of the following:

A. Completed Artistic Clothing e-Record presented in a sturdy binder/notebook. Include in the project story where you got the idea for your project, what you liked best about the project, what you would change, how to clean your project, how the item will be used and if you recycled or reused any fabric or other materials for your project. If a pattern was used, please include the pattern instruction sheet.

B. Include the following information on the Artistic Clothing page.

1. A list of all garments made

2. A description of the steps in order of application (including product name and numbers, etc.) for your exhibit item

C. Up to three coordinated wearable garments (but no accessory items such as shoes, jewelry, etc.). Decoration is attached by gluing, fusing or painting. Examples: jewels, puff paints, appliques, tie-dye.

- E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### UPCYCLE YOUR STYLE—STITCHED

Class **1204** Stitched Jr.

Class **1205** Stitched Int.

Class **1206** Stitched Sr.

All exhibits will consist of the following:

A. Completed Artistic Clothing e-Record presented in a sturdy binder/notebook. Include in the project story where you got the idea for your project, what you liked best about the project, what you would change, how to clean your project, how the item will be used and if you recycled or reused any fabric or other materials for your project. If a pattern was used, please include the pattern instruction sheet.

B. Include the following information on the Artistic Clothing page.

1. A list of all garments made
2. A description of the steps in order of application (including product name and numbers, etc.) for your exhibit item

C. Up to three coordinated wearable garments (but no accessory items such as shoes or jewelry). Decoration may be hand-or machine-stitched. Examples: machine or hand sewing, such as adding a collar or skirt, appliqué -stitch, embroidery, quilting, beading, knitting or crochet (by self or others).

- E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### UPCYCLE YOUR STYLE—COMBINATION

Class **1207** Combination Jr.

Class **1208** Combination Int.

Class **1209** Combination Sr.

All exhibits will consist of the following:

A. Completed Artistic Clothing e-Record presented in a sturdy binder/notebook. Include in the project story



where you got the idea for your project, what you liked best about the project, what you would change, how to clean your project, how the item will be used and if you recycled or reused any fabric or other materials for your project. If a pattern was used, please include the pattern instruction sheet.

- B. Include the following information on the Artistic Clothing page.
1. A list of all garments made
  2. A description of the steps in order of application (including product name and numbers, etc.) for your exhibit item
- C. Up to three coordinated wearable garments (but no accessory items such as shoes or jewelry). Decoration includes a significant amount (minimum of 30 percent each) from the two categories on one garment.
- D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### RECYCLED CLOTHING

- Class **1210** Recycled Clothing Jr.
- Class **1211** Recycled Clothing Int.
- Class **1212** Recycled Clothing Sr.

All exhibits will consist of the following:

- A. Completed Artistic Clothing e-Record with **pattern instruction sheet** presented in a sturdy binder/notebook. Include in your story what you learned about recycling, the fiber content and/or care label of original item, any special problems and how you overcame them.
- B. Include the following information on the 4-H Artistic Clothing Pages of the e-Record.
1. A list of all the garments or articles made
  2. Technique sheet where you describe each step, in order of application
  3. Written description of your project including goals, plans, accomplishments, evaluation
- C. Include the cost of each garment in the Expense record of the Artistic Clothing e-Record.
- D. One garment or outfit which illustrates what was learned. Garment must be of fabric and be sewn.
- E. Project evaluated on quality of construction techniques, creativity of adaptation (75 percent) and completed e-Record (25 percent).

### CREATIVE SEWING

- Class **1213** Creative Sewing Costumes Jr.
- Class **1214** Creative Sewing Costumes Int.
- Class **1215** Creative Sewing Costumes Sr.
- Class **1216** Creative Sewing All Other Exhibits Jr.
- Class **1217** Creative Sewing All Other Exhibits Int.
- Class **1218** Creative Sewing All Other Exhibits Sr.

All exhibits will consist of the following:

- A. Completed Artistic Clothing e-Record with a description of what was done presented in a sturdy binder/notebook. Include in the project story where you got the idea for your project, what you liked best about the project, what you would like to change, and how the item will be used. If a pattern was used, please include the pattern instruction sheet.
- B. Include the following information on the Artistic Clothing page.
1. A list of all **items** made
  2. A description of the steps in order of application (including product name and numbers, etc.) for your exhibit item
- C. One to three coordinated items illustrating what was learned (costumes, puppets, accessories, toys, stuffed animals, book bags, sleeping bags, etc.). **Note:** Small items such as accessories and small doll clothes are to be displayed on a display board.
- E. Project will be evaluated on creativity used in making your exhibit (45 percent), the quality of construction (30 percent) and completed e-Record (25 percent).

### BUYMANSHIP

- Class **1219** Buymanship Int.
- Class **1220** Buymanship Sr.

All exhibits will consist of the following:

- A. Completed Buymanship Clothing e-Record, completed manual presented in a sturdy binder/notebook. Include in the project story where you got the idea for your project, what you liked best about the project, and what you would like to change.
- B. Two (2) activities are to be included in your e-record. Choose from the following:
1. Self-assessment (Getting to Know Myself)
  2. Wardrobe Inventory
  3. Clothing Plan of Action
  4. Selecting Becoming Colors

- C. One completed outfit, which may include belts and scarves. No other accessories allowed. The exhibit needs to be neat, clean and pressed: ready for display.
- C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

**CREATE YOUR OWN (Exploration of Textiles and Clothing)**

Class **1221** Create Your Own Int.

Class **1222** Create Your Own Sr.

All exhibits will consist of the following:

A. Completed Artistic Clothing e-Record that includes a special study with a written report presented in a sturdy binder/notebook. Include in the project story where you got the idea for your project, what you liked best about the project, what you would like to change, and how the item will be used.

B. Include the following information on the Artistic Clothing page.

- 1. Written description of your project:
  - a. goals
  - b. plans
  - c. accomplishments
  - d. evaluation

C. Optional: Constructed article or display related to special study. The standardized display board size is 4'x 3'.

D. Project will be evaluated on the quality of content from completed e-Record and written description (50 percent), and quality of construction for the item or quality of display board (50 percent).



## CAKE DECORATING

Note: Please read 4-H Project Exhibit Rules on page 71.

Project Exhibit Rules:

1. Cake should be placed on a very firm, disposable surface (foam core, strong cardboard, plywood, particle board, etc.), cut parallel to the shape of the cake and must be 1½ "on each side from the base of the border, not the cake. The surface should be covered. Freezer paper is not advised because it absorbs grease. The cake board must be covered with a food safe material, such as aluminum foil. If you use decorative or gift wrap paper or fabric, it must be covered in food quality plastic wrap.
2. It is recommended that members learn the basic cake decorating skills included in Units 1-3 before taking any of the more advanced units. Youth may then select the unit which includes the skills they wish to learn. Units 4-6 do not have to be taken in the order as numbered and are for Juniors, Intermediates, and Seniors. **Units 7-9 do not have to be taken in the order as numbered and are for Intermediates and Seniors. Units 10-12 are for Senior members only.**
3. **Real** cakes are required for Units 1-6. Cake forms are preferred for exhibits in Units 7-10, as they hold up better under state fair conditions.
4. *Once a 4-H member has received a placing in the top 10 or a grand champion, they need to move to another unit because the skills in that unit have already been mastered. Also, if a member repeats a unit, they must show what new skill was learned.*
5. **No non-edible decorations can be used in Units 1-6.**
6. Lower Units (1-3) in Cake Decorating should not use Royal Icing or Rolled Fondant as the base frosting. **NO fondant decorations** can be used in **Units 1, 2 or 3**. Only required tip work can be used in Units 2 and 3.
7. If your exhibit requires over 2' x 2' in exhibit area, you **must** check with the superintendent.
8. Cakes will **not** be cut for judging.
9. Real cakes are required for all four required cakes and cupcake batter in Units 1-6. At least 2 of the cakes need to be real in Units 7-10. In Unit 8, at least 2 of the 4 cakes must be real cakes.
10. Unit 11 is **for** molds and three molds are required plus the exhibit mold for a total of 4.
11. In Unit 12, 75 percent of the judging will be on the notebook.
12. **All cakes require a bottom border.**
13. **The** definition of two layered cake is, two of the same size cakes placed on top of each other. This is used for units 3, 7, 8, & 9.

14. Cakes qualifying for state fair may be remade. Remade cakes must use the same design as the cake judged at the county level.

### FOR UNITS 1-3 CLASSES

All exhibits will consist of the following e-Record information (A, B, C) along with each unit's additional requirements (D, E, F).

- A. Completed Cake Decorating e-Record presented in a sturdy binder/notebook.
- B. Include the following information in the Cake Decorating e-Record on the four required cakes plus the exhibit cake (TOTAL OF 5) (All 5 cakes must be real cakes.):
  1. occasion for use
  2. real cakes
  3. size or shape
  4. techniques used
  5. edible materials used
  6. cost to buy similar cake
  7. any problems you had**Be sure to put the cost of your four cakes and exhibit cake on the expense page in the e-Record.**
- C. Include photos or drawings of the four required cakes in addition to photos of you working on your project in the record photo page.

### EDIBLE CAKE DECORATING—UNIT 1

- |                   |                               |      |
|-------------------|-------------------------------|------|
| Class <b>1301</b> | Edible Cake Decorating Unit 1 | Jr.  |
| Class <b>1302</b> | Edible Cake Decorating Unit 1 | Int. |
| Class <b>1303</b> | Edible Cake Decorating Unit 1 | Sr.  |

All exhibits will consist of the following **along with the e-Record (A, B, and C above)**:

D. One decorated single layer **real** cake (8", 9" or 10" round or square or 9" x 13" rectangle cake) using only edible materials (for example: candies, pretzels, and coconut should be used to create a design). A real cake (no cake forms) should be used for exhibit in Unit 1. No decorator tips are allowed in this unit. **NO fondant** may be used for decorations or base icing on the cake. **One fourth of the top of cake should be visible to show smooth base.** No royal icing can be used as icing or decorations on the cake. **No non-edible material can be used in Units 1-6.**

**E. Bottom Base Border required.**

- F. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## SINGLE LAYERED CAKE—UNIT 2

Class 1304	Single Layered Cake Unit 2	Jr.
Class 1305	Single Layered Cake Unit 2	Int.
Class 1306	Single Layered Cake Unit 2	Sr.

All exhibits will consist of the following along with the e-Record (A, B, and C above):

D. One decorated single layered **real** cake (8", 9" or 10" round or square or 9" x 13" rectangle cake pan.) using a leaf, star and round tips. **One fourth of the top of cake should be visible to show smooth base.** No fondant or royal icing may be used as icing or decorations on the cake. **Only required tip work can be used in Unit 2 (no candy, etc., for decoration). No non-edible decorations can be used in units 1-6.** Do not use flowers made on a flower nail or materials other than frosting in decorations. No cake forms can be used.

E. **Bottom Base Border required.**

G. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## TWO LAYERED CAKE—UNIT 3

Class 1307	Two Layered Cake Unit 3	Jr.
Class 1308	Two Layered Cake Unit 3	Int.
Class 1309	Two Layered Cake Unit 3	Sr.

All exhibits will consist of the following along with the e-Record (A, B, and C above):

D. One decorated two-layered **real** cake (8", 9" or 10" round or square) using three to five different types of tips in decorating. You must use the round, star, and leaf tips, but may also use other tips, if you choose. Spatula and brush striping and figure piping are optional. **One fourth of the top of cake should be visible to show smooth base.** Do not use flowers made on a flower nail or materials other than frosting. No fondant or royal icing may be used as icing or decorations on the cake. **Only required tip work can be used in Unit 3. No non-edible decorations can be used in units 1-6.**

E. **Bottom Base Border required.**

F. **Side trim required on Exhibit Cake and on at least two practice cakes.**

G. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## CHARACTER CAKES—UNIT 4

Class 1310	Character Cakes Unit 4	Jr.
Class 1311	Character Cakes Unit 4	Int.
Class 1312	Character Cakes Unit 4	Sr.

All exhibits will consist of the following:

- Completed Cake Decorating e-Record presented in a sturdy binder/notebook.
- Include the following information in the Cake Decorating e-Record on the three required character cakes plus the exhibit (TOTAL of 4) (All four character cakes must be real cakes):
  - occasion for use
  - shape
  - real character cakes
  - techniques used
  - tips used and where
  - cost to buy similar cake
  - any problems you had

**Be sure to put the cost of your three cakes and exhibit cake in the expense page in the e-Record.**

- Include photos or drawings of the four required cakes in addition to photos of you working on your project in the record photo page.
- One decorated character cake **pan** (an entire cake which resembles the shape of a character or object made without cutting **or stacking** and other than a classic square, round, oblong, heart, hexagon, oval or petal cake shape). Three-dimensional cakes are acceptable. **The cake should be placed on a board that is cut to the shape of the character. The board must be cut 1½" from the base of the border, not the cake.** The cake is to be primarily decorated with the star tip or other tips appropriate to the design. Fondant or royal icing can be used only for decorations. **No non-edible decorations can be used in units 1–6.**
- A defined bottom base border that frames the cake is required **for any smooth icing. Defined borders should be included if it finishes the overall aesthetic of the character (i.e. grass around an animal). Otherwise, all tip work should be completed to the cake board.**
- Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## UNIT 5 SMALL TREATS

### FOR THEMED, STACKED, AND CHARACTER CUPCAKES CLASSES

All exhibits will consist of the following e-Record information (A, B, C) along with each unit's additional requirements (D).

- A. Completed Cake Decorating e-Record presented in a sturdy binder/notebook.
- B. Include the following information in the Cake Decorating e-Record: a minimum of three batches of cupcakes (can either be themed, stacked or character), plus the exhibit cupcakes, for a minimum of four baking and decorating experiences. One batch = 12 cupcakes. (TOTAL OF 4):
  1. occasion for use
  2. size or shape
  3. four batches of cupcakes
  4. techniques used
  5. tips used and where
  6. edible materials used
  7. cost to buy similar cupcakes
  8. any problems you had**Be sure to put the cost of your three cupcake batches and exhibit cupcakes on the expense page in the e-Record.**
- C. Include photos or drawings of the four required batches in addition to photos of you working on your project in the record photo page. Write a short explanation of what you did and what you learned with each batch you decorated.

### THEMED CUPCAKES—UNIT 5

- |            |                        |      |
|------------|------------------------|------|
| Class 1313 | Themed Cupcakes Unit 5 | Jr   |
| Class 1314 | Themed Cupcakes Unit 5 | Int. |
| Class 1315 | Themed Cupcakes Unit 5 | Sr.  |

All exhibits will consist of the following along with the e-Record (A, B, and C above):

D. A minimum of 3 and a maximum of 6 regular size (2 ¾ inches) cupcakes in liners. Cupcakes should be decorated using frosting and edible materials. Fondant and royal icing can be used only for decorations. Cupcakes should be of a similar theme, meaning that there is a central idea between all the cupcakes (for example, animal theme or flower theme; Disney characters cupcakes do not have to be all the same). Place each decorated cupcake in a disposable muffin tin or a disposable container that matches the theme and is no larger than 10-inch round (example: teacups, ice cream cones, etc.). Frosting must cover the cupcake and provide a base for decorations. Spatula painting and brush striping are optional. Please label with the Exhibitor name and county. No non-edible decorations can be used.

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### STACKED CUPAKES—UNIT 5

- |            |                         |      |
|------------|-------------------------|------|
| Class 1316 | Stacked Cupcakes Unit 5 | Jr.  |
| Class 1317 | Stacked Cupcakes Unit 5 | Int. |
| Class 1318 | Stacked Cupcakes Unit 5 | Sr.  |

All exhibits will consist of the following along with the e-Record (A, B, and C above):

D. A minimum of 4 and a maximum of 8 cupcakes creating one design where cupcakes are stacked on top of each other and decorated. (Experiment with using mini cupcakes and regular sized cupcakes when stacking.) Non-visible supports can be used to hold stacked cupcakes. Cupcakes are decorated using frosting and edible materials. Frosting must cover the cupcake and provide a base for decorations. Fondant and royal icing can be used for decorations only. Cupcakes should be secured to a sturdy board (foam core, cardboard, plywood, particle board, etc.) and secured with frosting for display. Board size should be appropriate to design (use guideline for cakes – maximum of 9" x 13" or a 14" round.) Spatula painting and brush striping are optional. No non-edible decorations can be used. Cupcakes can be stacked 2 but not more than 4 high with a maximum of 8 cupcakes total for the design. A variety of sizes is allowed and encouraged.

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### CHARACTER CUPCAKES—UNIT 5

- |            |                           |      |
|------------|---------------------------|------|
| Class 1319 | Character Cupcakes Unit 5 | Jr.  |
| Class 1320 | Character Cupcakes Unit 5 | Int. |
| Class 1321 | Character Cupcakes Unit 5 | Sr.  |

All exhibits will consist of the following along with the e-Record (A, B, and C above):

D. Regular or mini-sized cupcakes or a combination may be used to create a character. Character Cupcakes are multiple, **individually** decorated cupcakes that come together to create the character. **That is, if a cupcake is removed, the design or character will be ruined. Another way to describe character cupcakes is any design that cannot be displayed in a cupcake pan as individual cupcakes. The design should be one dimension – no stacking.** The cupcakes are decorated using frosting and edible materials. Spatula painting and brush striping are optional. Frosting must cover the cupcake and provide a base for decorations. Fondant

and royal icing can be used only for decorations. The character must be displayed on one cake board (foam core, strong cardboard, plywood or particle board, etc.) with a maximum size of 9" x 13" or 14" round **cut to the shape of the design.** No non-edible decorations can be used.

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

#### **FOR THEMED AND STACKED COOKIE CLASSES**

All exhibits will consist of the following e-Record information (A, B, C) along with each unit's additional requirements (D).

- A. Completed Cake Decorating e-Record presented in a sturdy binder/notebook.
- B. Include the following information in the Cake Decorating e-Record on the required three batches of cookies plus your exhibit cookies. (TOTAL OF 4) One batch = 12 cookies.
  1. occasion for use
  2. size or shape
  3. three batches of cookies
  4. techniques used
  5. tips used and where
  6. edible materials used
  7. cost to buy similar cookies
  8. any problems you had

**Be sure to put the cost of your three cookie batches and exhibit cookies on the expense page in the e-Record.**

- C. Include photos or drawings of the four required batches of cookies in addition to photos of you working on your project in the record photo page. Write a short explanation of what you did and what you learned with each batch you decorated.

#### **DECORATED THEMED COOKIES—UNIT 5**

- Class **1322** Decorated Themed Cookies Unit 5 Jr.
- Class **1323** Decorated Themed Cookies Unit 5 Int.
- Class **1324** Decorated Themed Cookies Unit 5 Sr.

All exhibits will consist of the following **along with the e-Record (A, B, and C above):**

D. A minimum of 3 and maximum of 6 regular size (approximately 3 inch) cookies displayed on a disposable base no larger than 12 inches, labeled with the Exhibitors name and county. Cookies should be of a similar design or theme. Cookies are decorated using frosting and edible materials. Spatula painting and brush painting are optional. Base Frosting – poured icing, buttercream, royal icing, run-in sugar – must cover the cookie and provide a base for decorations. Fondant may be used only for decorations.

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

#### **DECORATED STACKED COOKIES—UNIT 5**

- Class **1325** Decorated Stacked Cookies Unit 5 Jr.
- Class **1326** Decorated Stacked Cookies Unit 5 Int.
- Class **1327** Decorated Stacked Cookies Unit 5 Sr.

All exhibits will consist of the following **along with the e-Record (A, B, and C above):**

D. Cookies stacked on top of each other and decorated to create one design or theme that is a minimum of 6 inches and maximum of 12 inches in height. Cookies may vary in size according to the type of stacking being done. Cookies should be secured to a sturdy covered board for display not to exceed 12 X 12 inches. Cookies are decorated using icing and edible materials. Fondant may be used only for decorations.

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

#### **DECORATED COOKIE CONSTRUCTION—UNIT 5**

- Class **1328** Decorated Cookie Construction Unit 5 Jr.
- Class **1329** Decorated Cookie Construction Unit 5 Int.
- Class **1330** Decorated Cookie Construction Unit 5 Sr.

All exhibits will consist of the following:

A. Completed Cake Decorating e-Record presented in a sturdy binder/notebook.

B. Include the following information in the Cake Decorating e-Record on the required three cookie structures plus your exhibit cookie structure. **(TOTAL OF 3)**

1. occasion for use
2. size or shape
3. three batches of cookies
4. techniques used
5. tips used and where
6. edible materials used
7. cost to buy similar cookies
8. any problems you had

**Be sure to put the cost of your three cookie structures on the expense page in the e-Record.**

C. Include photos or drawings of the three required batches of cookies in addition to photos of you working on your project in the record photo page. Write a short explanation of what you did and what you learned with each batch you decorated.



D. A cookie structure that is no more than 11 inches square and a maximum height of 20 inches. The structure should be placed on a sturdy covered board not to exceed 14 x 14 inches and labeled with the Exhibitors name and county. The structure may be placed in a “glass” case for display. Structure is decorated using frosting and edible materials. Fondant may be used for decorations.

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### CUT-UP CAKES—UNIT 6

Class 1331 Cut-Up Cakes Unit 6 Jr.

Class 1332 Cut-Up Cakes Unit 6 Int.

Class 1333 Cut-Up Cakes Unit 6 Sr.

All exhibits will consist of the following:

A. Completed Cake Decorating e-Record presented in a sturdy binder/notebook.

B. Include the following information in the Cake Decorating e-Record on the three-required cut-up cakes plus the exhibit cake (**TOTAL OF 4**) (All 4 cut-up cakes must be real cakes):

1. occasion for use
2. size or shape
3. real cut-up cakes
4. **pattern(s) used**
5. techniques used
6. tips used and where
7. edible materials used
8. cost to buy similar cake
9. any problems you had

**Be sure to put the cost of your three cakes and exhibit cake in the expense page in the e-Record.**

C. Include photos or drawings of the four required cakes in addition to photos of you working on your project in the record photo page. **Pattern(s) or diagrams for all required cakes must be included in the e-Record. Be sure to include photos or drawings of the steps in your process.**

D. One decorated cut-up cake using **three different types** of decorator tips (not different sizes of the same tips). (Edible materials may also be used; non-edible materials cannot be used to decorate.) Cake board (foam core, strong cardboard, plywood or particle board, etc.) must be cut parallel to the shape of the cake **no larger than a 20” x 20” base**. 14” x 14” base for a 12” x 12” cake size. Non-edible internal supports are allowed but must not show. No non-edible decorations can be used.

**E. Bottom base border required.**

F. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### FLAT SURFACE AND NAIL FLOWERS—UNIT 7

Class 1334 Flat Surface and Nail Flowers Unit 7 Int.

Class 1335 Flat Surface and Nail Flowers Unit 7 Sr.

All exhibits will consist of the following:

A. Completed Cake Decorating e-Record presented in a sturdy binder/notebook.

B. Include the following information in the Cake Decorating e-Record of the three required cakes plus the exhibit cake (**TOTAL OF 4**) (At least 2 of the 4 must be real cakes):

1. occasion for use
2. size or shape
3. cake or cake form (at least 2 real cakes)
4. techniques used
5. tips used and where
6. cost to buy similar cake
7. any problems you had

**Be sure to put the cost of your three cakes and exhibit cake on the expense page in the e-Record.**

C. Include photos or drawings of the four required cakes in addition to photos of you working on your project in the record photo page.

D. One two-layered 8”, 9”, or 10” cake or cake form using a minimum of: one flat surface flower, one flower made on a flat flower nail, one border and one side trim learned in this unit. Texturing is optional. No Fondant.

**E. Side trim is required.**

**F. Bottom Base Border is required.**

G. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### FONDANT—UNIT 8

Class 1336 Fondant Unit 8 Int.

Class 1337 Fondant Unit 8 Sr.

All exhibits will consist of the following:

A. Completed Cake Decorating e-Record presented in a sturdy binder/notebook

B. Include the following information in the Cake Decorating e-Record of the three cakes plus the exhibit (**TOTAL OF 4**) (At least 2 of the 4 must be real cakes

and all covered in fondant.) **Exhibit cake must be covered with fondant:**

1. occasion for use
2. size or shape
3. cake or cake form (at least 2 real cakes and 2 covered in fondant). Exhibit cake must be covered with fondant.
4. techniques used
5. tips used and where
6. cost to buy similar cake
7. any problems you had

**Be sure to put the cost of your three required cakes and exhibit cake on the expense page in the e-Record.**

C. Include photos or drawings of the four required cakes in addition to photos of you working on your project in the record photo page.

D. One decorated two layered cake or cake form 8", 9" or 10" round or square covered in fondant and decorated using fondant and gum paste decorations.

**E. Bottom Base Border required.**

F. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### LILY NAIL FLOWERS—UNIT 9

Class **1338** Lily Nail Flowers Unit 9 Int.

Class **1339** Lily Nail Flowers Unit 9 Sr.

All exhibits will consist of the following:

A. Completed Cake Decorating e-Record presented in a sturdy binder/notebook.

B. Include the following information in the Cake Decorating e-Record of the three required cakes, plus the exhibit cake (**TOTAL of 4**). (At least 2 of the 4 cakes must be real and the exhibit cake must have a lily nail flower on them):

1. occasion for use
2. size or shape
3. cake or cake form (at least 2 real cakes)
4. techniques used
5. tips used and where
6. cost to buy similar cake
7. any problems you had

C. Include photos or drawings of the four required cakes in addition to photos of you working on your project in the record photo page.

D. One decorated two-layered 8", 9", 10" cake or cake form using an example of string work and a flower made on a lily flower nail and a side trim. Texturing is optional.

**E. String work (cornelli, sota or applique lace, etc.) required. Writing is not string work.**

**F. Bottom base border is required.**

G. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### TIERED CAKES—UNIT 10 (SENIORS ONLY)

Class **1340** Tiered Cakes Unit 10 Sr.

All exhibits will consist of the following:

A. Completed Cake Decorating e-Record presented in a sturdy binder/notebook.

B. Include the following information in the Cake Decorating e-Record of the three required cakes plus the exhibit cake (**TOTAL of 4**). (At least 2 of the 4 must be real cakes.) Forms are preferred for the Exhibited Cake:

1. occasion for use
2. size or shape
3. cake or cake form (at least 2 real cakes)
4. techniques used
5. tips used and where
6. cost to buy similar cake
7. any problems you had

C. Include photos or drawings of the four required cakes in addition to photos of you working on your project in the record photo page. Write a short explanation of what you did and what you learned with each cake you decorated.

D. One decorated cake or cake form of three or more tiers of graduated sizes, using supports. Separator plates and pillars may be used but are not required.

**E. Bottom base border is required.**

F. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### MOLDS—UNIT 11 (SENIORS ONLY)

Class **1341** Molds Unit 11 Sr.

All exhibits will consist of the following:

A. Completed Cake Decorating e-Record presented in sturdy binder/notebook.

B. Include the following information in the Cake Decorating e-Record of the three required molded items plus the exhibit item (**TOTAL of 4**). Mold and shape at least three different edible materials (fondant, gum paste, molding chocolate, candy melts, sugar, cereal bases covered in fondant, etc.). See manual.

1. occasion for use
2. molding materials (at least three different molding or shaping materials)

3. molds used (mold at least three different edible molds)
4. techniques used
5. tips used and where
6. edible materials other than molding
7. cost of materials
8. any problems you had

C. Include photos or drawings of the three molded items in addition to photos of you working on your project in the record photo page. Write a short explanation of what you did and what you learned with each molded or shaped item you decorated.

D. One molded or shaped object may be on a decorated cake, a cake form or an independent display case (no larger than 10 inches) to protect the item from harm.

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### **CREATE YOUR OWN—UNIT 12 (SENIORS ONLY)**

Class **1342** Create Your Own Unit 12 Sr.

All exhibits will consist of the following:

A. Completed Cake Decorating e-Record presented in a sturdy binder/notebook.

**B. A detailed notebook describing your project including your goals, plans, accomplishments and your evaluation of results. You may use pictures or any records you have kept that provides evidence of your accomplishments. This notebook is your main project exhibit and will count for 75 percent of the scoring. If an item was made as part of your project, a sample may be displayed as further evidence of the quality of your project. Notebook will be displayed. The display notebook and optional item must not require over a 2'x 2' area or consist of more than three items.**

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).



## CLOTHING CONSTRUCTION

Note: Please read 4-H Project Exhibit Rules on page 71.

1. With the sewing manuals, a member may stay in the manuals until they have mastered the techniques. UNIT 1—STEAM Clothing 1 (Beginning) is for **beginner sewers**, those with little to no experience. UNIT 2—STEAM Clothing 2 is for sewers that are familiar with the basic techniques and ready **to learn more advanced skills**. UNIT 3—STEAM Clothing 3 is for the **advanced sewer** who wants to learn more about **tailoring and advanced skills**. STEAM Clothing 3 is for intermediates and seniors.

2. Requirements: All exhibit garments must be labeled with name, age, county and unit of the 4-H member. Labels must be attached at the inside of the neckline or at the waistband of skirts and pants. Information must be written or typed on a label and securely attached to the inside of garment. This will assist in case of property loss.

3. The garments may be worn before exhibiting but should be in good and clean condition.

4. Sergers may be used as a seam finish only; not as a seam for STEAM Clothing 1.

5. Due to the difficulty of skills involved, **buttonholes are** to be used in STEAM Clothing 2 and above.

6. Clothing is defined as wearable, dressy or casual wear, active/sportswear or sleepwear. An exhibit shall consist of no more than three coordinated pieces. No accessory items, i.e. shoes, scarves, hats, etc.

7. **Advanced Unit STEAM Clothing 3—complete one textile experiment using your garment fashion fabric each year.** Include this information in your clothing construction e-Record: completed experiment sheets and sample(s) mounted on 8 ½" x 11" heavy paper. **No photos of experiments are allowed. Fabric must be attached.** Experiments may be repeated in a subsequent year if different fabric is used.

8. **Pattern instruction sheet is required** and must be attached securely to the e-Record. Write name and county on pattern instruction sheet.

9. Do not use binders that are clear plastic with sliders.

10. Members are encouraged to select a unit that challenges their skills. All units will be judged on required skills included in the manual.

11. All garments construction in STEAM Clothing 1, 2 and 3 are to be made for the member except for Unit 4 – Sewing for Others.

**Note: All Colorado State Fair silk items or garments will be displayed only with a "permission to display" form that acknowledges possible fading caused by state fair display lighting.**

**For those members who are exhibiting more than one item, they may copy their e-Record. Each exhibit must have an e-Record. Be sure to highlight what you are exhibiting in your e-Record.**

### FOR STEAM CLOTHING UNIT 1 AND UNIT 2 CLASSES

**All exhibits will consist of the following e-Record information (A, B, C, D, and E) along with each unit's additional requirements (F and G).**

- A. Completed Clothing Construction e-Record with pattern instruction sheet presented in a sturdy binder/notebook. Include in your story why you chose a clothing project, why you selected this garment or outfit and describe any changes made in the garment or outfit.
- B. Provide the brand, number and cost of the pattern used in the Clothing Construction e-Record on the Expense page.
- C. Include the following information on the Clothing Construction page.
  1. A list of all the garments or articles made
  2. Percent of fiber content of each garment or article made
  3. Care of garment exhibited
- D. **A pattern instruction sheet is required and must be attached securely to the e-Record. Write name and county on the pattern instruction sheet.**
- E. Include the cost of each garment in the Expense record of the Clothing Construction e-Record.

### STEAM CLOTHING 1 FUNDAMENTALS—UNIT 1

Class <b>1401</b>	STEAM Clothing 1 Pillowcase	Jr.
Class <b>1402</b>	STEAM Clothing 1 Pillowcase	Int.
Class <b>1403</b>	STEAM Clothing 1 Pillowcase	Sr.

All exhibits will consist of the following **along with the e-Record (A, B, C, D, and E above):**

- F. Pillowcase illustrating skills learned such as: simple seams, seam finishes, matching, suitable fabric/thread, cuff and even lip, etc.
- G. **Sergers may be used as a seam finish only; not as a seam for STEAM Clothing 1.**
- H. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## STEAM CLOTHING 1 FUNDAMENTALS—UNIT 1

Class 1404	STEAM Clothing 1 Pillow	Jr.
Class 1405	STEAM Clothing 1 Pillow	Int.
Class 1406	STEAM Clothing 1 Pillow	Sr.

All exhibits will consist of the following along with the e-Record (A, B, C, D, and E above):

F. Simple Pillow – No larger than 18" x 18" illustrating skills learned such as: simple seams, seam finishes, suitable fabric/thread, matching, trimmed corners, finished closure (lap or secured), etc. Pillow is to be a simple shape (square, rectangle, circle, etc.), no pillows shaped such as animals or objects.

G. Sergers may be used as a seam finish only; not as a seam for STEAM Clothing 1

H. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## STEAM CLOTHING 1 FUNDAMENTALS—UNIT 1

Members can exhibit in one or more of the following classes:

### Simple Top

Class 1407	STEAM Clothing 1 Simple Top	Jr.
Class 1408	STEAM Clothing 1 Simple Top	Int.
Class 1409	STEAM Clothing 1 Simple Top	Sr.

### Simple Bottom (pants, pajama bottoms, shorts, skirts, rompers)

Class 1410	STEAM Clothing 1 Simple Bottom	Jr.
Class 1411	STEAM Clothing 1 Simple Bottom	Int.
Class 1412	STEAM Clothing 1 Simple Bottom	Sr.

### Simple Dress

Class 1413	STEAM Clothing 1 Simple Dress	Jr.
Class 1414	STEAM Clothing 1 Simple Dress	Int.
Class 1415	STEAM Clothing 1 Simple Dress	Sr.

All exhibits will consist of the following along with the e-Record (A, B, C, D, and E above):

F. An exhibit illustrating the skills learned such as: simple seams, seam finishes, topstitching, darts, facing/interfaces, hems, fasteners, etc. Exhibits

must use a firmly woven, medium-weight cotton or at least 50-percent cotton-blend fabric. Exhibit should be a simple pattern with no more than five pattern pieces without set-in sleeves, zippers, collars, or buttonholes.

G. Sergers may be used as a seam finish only; not as a seam for STEAM Clothing 1.

H. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## STEAM CLOTHING 2 SIMPLY SEWING—UNIT 2

Members can exhibit in one or more of the following classes:

### Top (vest acceptable)

Class 1416	STEAM Clothing 2 Top	Jr.
Class 1417	STEAM Clothing 2 Top	Int.
Class 1418	STEAM Clothing 2 Top	Sr.

### Bottoms (pants, shorts, skirt, romper, or jumpsuit)

Class 1419	STEAM Clothing 2 Bottom	Jr.
Class 1420	STEAM Clothing 2 Bottom	Int.
Class 1421	STEAM Clothing 2 Bottom	Sr.

### Dress (not formal wear)

Class 1422	STEAM Clothing 2 Dress	Jr.
Class 1423	STEAM Clothing 2 Dress	Int.
Class 1424	STEAM Clothing 2 Dress	Sr.

### Two-Piece Outfit

Class 1425	STEAM Clothing 2 Two-Piece Outfit	Jr.
Class 1426	STEAM Clothing 2 Two-Piece Outfit	Int.
Class 1427	STEAM Clothing 2 Two-Piece Outfit	Sr.

All exhibits will consist of the following along with the e-Record (A, B, C, D, and E above):

F. An exhibit illustrating the skills learned such as: set-in sleeves, zippers, collars, cuffs, buttonholes, etc. Exhibits may use any woven or knit fabric appropriate to the garment's design and should demonstrate sewing skills beyond STEAM Clothing 1. The exhibit MUST INCLUDE one or more of the following techniques: set-in sleeves, zippers, collars, cuffs or buttonholes.

- G. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### ADVANCED CLOTHING CONSTRUCTION

Garments should demonstrate sewing skills beyond STEAM Clothing 2; for example, rolled hems, hand-picked zippers, princess seams, flat felled or mock flat felled **seam finishes, tailoring techniques** (French or Hong Kong seam finishes, non-woven interfacing, bound buttonholes, shoulder pads, sleeve heads, lining and or underling, welt pockets, swing tacks, etc.).

#### STEAM CLOTHING 3 A STITCH FURTHER—UNIT 3

- Class **1428** STEAM Clothing 3 Cotton or Cotton Blend Int.
- Class **1429** STEAM Clothing 3 Cotton or Cotton Blend Sr.
- Class **1430** STEAM Clothing 3 Synthetics and Rayon Int.
- Class **1431** STEAM Clothing 3 Synthetics and Rayon Sr.
- Class **1432** STEAM Clothing 3 Wool and Wool Blend Int.
- Class **1433** STEAM Clothing 3 Wool and Wool Blend Sr.
- Class **1434** STEAM Clothing 3 Silk and Silk-Like Int.
- Class **1435** STEAM Clothing 3 Silk and Silk-Like Sr.
- Class **1436** STEAM Clothing 3 Specialty Fabrics Int.
- Class **1437** STEAM Clothing 3 Specialty Fabrics Sr.

All exhibits will consist of the following:

A. Completed Clothing Construction e-Record with **pattern instruction sheet** presented in a sturdy binder/notebook. Include in your story why you chose a clothing project, why you selected this garment or outfit and describe any changes made in the garment or outfit.

B. Provide the brand, number and cost of the pattern used in the Clothing Construction e-Record on the Expense page.

C. Include the following information on the Clothing Construction page:

1. List of all garments made
2. Percent of fiber content of each garment
3. Care of garment exhibited
4. **Textile experiments—complete one experiment using garment fashion fabric (fashion fabric must be attached – no photos). Include experiment sheet and mount the sample on 8 ½” x 11” heavy paper in the e-record.**

- D. Include the cost of each garment in the Expense record of the Clothing Construction e-Record. **This includes the project that you made.**

- E. **A pattern instruction sheet is required and must be attached securely to the e-Record. Write name and county on pattern instruction sheet.**

- F. A garment or outfit of fabric containing a majority of 50-100 percent cotton, synthetic, wool or wool-blend, silk or silk-like fibers. Specialty fabrics are fabrics using sequins, beads, fleece, leather, linen, etc.

- G. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

#### SEWING FOR OTHERS—UNIT 4

- Class **1438** Sewing for Others Jr.
- Class **1439** Sewing for Others Int.
- Class **1440** Sewing for Others Sr.

All exhibits will consist of the following:

- A. Completed Clothing Construction e-Record with pattern instruction sheet presented in a sturdy binder/notebook. Include in the project story:
  1. Why you chose to exhibit this item.
  2. Who you made the garment(s) for.
  3. Why, what new skills you learned this year.
  4. What you liked best about your project.
  5. What would you like to change?
  6. What you learned about sewing for others? (Did you have any special pattern alterations? If so, describe.)
  7. Will you continue to sew for others, why or why not?
  8. Did you charge for making the garment/outfit (if so, what did you include in the billing; i.e., fabric notions, interfacing, utilities, time, mileage, etc.)?
  9. What other work have you done in this project?

B. Include the following information on the Clothing Construction page.

1. A list of all the garments or articles made
2. Percent of fiber content of each garment or article made
3. Care of garment exhibited

C. One garment or outfit which illustrates what was learned.

D. Project will be evaluated on the quality of construction techniques (75 percent) and a completed e-Record (25 percent).

## FOODS AND NUTRITION

Note: Please read 4-H Project Exhibit Rules on page 71.

Project Exhibit Rules:

1. With these new food manuals, a member may stay in the manuals for up to three years.

*It is recommended that members should start with Cooking 101 and then go on to Cooking 201 to learn basic food preparation skills before taking the more advanced units.*

2. **Include a copy of the recipe used and attach it securely to the e-Record. No commercial mixes are to be used for the base of the product. Example: boxed cake mixes for shortened cake or quick breads, cookie dough -boxed or frozen, etc. If the commercial mix is an added ingredient into the product it is ok.**

3. Bring food items on sturdy paper plates and/or covered heavy cardboard in a zipper-locked bag for display of food exhibits when possible. Plates and pans will not be returned. Food items should be covered securely.

4. Only completed e-Records and canned goods will be returned.

5. If a recipe from the manual is used, it may need to be adjusted for high altitude.

6. Food items that show signs of mold growth or need refrigeration would not be safe to eat at time of judging and will not be accepted.

7. **Members may exhibit in one or all classes from the unit that they are enrolled in. Each exhibit will need an e-Record.**

8. Bacon is not acceptable in baked goods because the heat during the cooking process might not penetrate the meat thoroughly enough. Large pieces or chunks of cheese or a large proportion on or in recipes is not acceptable either.

9. **Members who are exhibiting more than one item in a unit may copy their e-Record. Each exhibit must have an e-Record. Be sure to highlight what you are exhibiting in your e-Record.**

## FOR COOKING 101—UNIT 1 THROUGH COOKING 401—UNIT 4

All exhibits will consist of the following e-Record information (A, B, C) along with each unit's additional requirements.

A. Completed e-Record with exhibit item recipe presented in a sturdy binder/notebook.

B. Include the following information on the Foods and Nutrition page:

1. Foods prepared
2. Number of times
3. Special concerns

C. Include documentation of activities completed from the manual in the record book as specified for each unit.

D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### COOKING 101—UNIT 1

Include documentation of two completed learning activities from the manual in the record book.

**Members can exhibit in one or more of the following classes:**

Four no-bake cookies of one recipe. Made using stovetop or microwave

Class 1501 No Bake Cookies Jr.

Class 1502 No Bake Cookies Int.

Class 1503 No Bake Cookies Sr.

Four baked bar cookies of one recipe

Class 1504 Baked Bar Cookies Jr.

Class 1505 Baked Bar Cookies Int.

Class 1506 Baked Bar Cookies Sr.

Four baked, drop, or molded cookies of one recipe. (*Molded cookies* are made from a stiffer dough that is molded into balls or cookie shapes by hand before baking. Snickerdoodles are an example of molded cookies).

Class 1507 Cookies Jr.

Class 1508 Cookies Int.

Class 1509 Cookies Sr.

## COOKING 201—UNIT 2

Include documentation of one completed learning activity on food safety and one on cooking basics. These can be a demonstration, written reports or displays.

**Members can exhibit in one or more of the following classes:**

### One loaf quick bread any size (not yeast bread)

Class 1510	Quick Breads	Jr.
Class 1511	Quick Breads	Int.
Class 1512	Quick Breads	Sr.

### Four scones of one recipe

Class 1513	Scones	Jr.
Class 1514	Scones	Int.
Class 1515	Scones	Sr.

### Four muffins of one recipe

Class 1516	Muffins	Jr.
Class 1517	Muffins	Int.
Class 1518	Muffins	Sr.

## COOKING 301—UNIT 3

All exhibits will consist of the following:

Include documentation of one completed food science experiment from the manual in the e-Record.

**Shorten Cakes** are cakes that use fat for flavor and texture. Most shortened cake recipes begin by beating the fat with sugar to create air bubbles.

**Members can exhibit in one or more of the following classes:**

### One shortened cake without frosting

Class 1519	Shortened Cakes	Jr.
Class 1520	Shortened Cakes	Int.
Class 1521	Shortened Cakes	Sr.

### Four kneaded yeast rolls of one variety and shape or four cinnamon rolls

Class 1522	Yeast Rolls	Jr.
Class 1523	Yeast Rolls	Int.
Class 1524	Yeast Rolls	Sr.

### One recipe creative yeast bread, i.e., French bread, braided bread, other specialty bread

Class 1525	Creative Yeast Bread	Jr.
Class 1526	Creative Yeast Bread	Int.
Class 1527	Creative Yeast Bread	Sr.

### Creative exhibit (notebook) illustrating party planned by member, including theme, timeline and menu that includes one or more home-prepared foods

Class 1528	Party Planning	Jr.
Class 1529	Party Planning	Int.
Class 1530	Party Planning	Sr.

## COOKING 401—UNIT 4

Include documentation of one completed food science experiment from the manual in the e-Record.

**Members can exhibit in one or more of the following classes:**

### Four flatbreads of one variety and shape

Class 1531	Flatbread	Jr.
Class 1532	Flatbread	Int.
Class 1533	Flatbread	Sr.

### One 8" x 9" double-crust fruit pie made with homemade fruit filling in a disposable pie tin. No canned fruit fillings allowed

Class 1534	Double Crust Pie	Jr.
Class 1535	Double Crust Pie	Int.
Class 1536	Double Crust Pie	Sr.

### Creative exhibit (notebook) illustrating celebration meals planned by member, including budget, timeline, and menu that includes two or more homemade prepared foods

Class 1537	Celebration Meals	Jr.
Class 1538	Celebration Meals	Int.
Class 1539	Celebrations Meals	Sr.



## OUTDOOR COOKING AND LIVING—UNIT 5

Class 1540 Outdoor Cooking and Living Jr.

Class 1541 Outdoor Cooking and Living Int.

Class 1542 Outdoor Cooking and Living Sr.

All exhibits will consist of the following:

A. Completed e-Record presented in a sturdy binder/notebook. Include in the project story what new skills you have learned.

B. Include the following information on the Foods and Nutrition page:

1. Foods prepared
2. Location
3. Number of times
4. Special concerns

C. One of the following:

- A box lunch of food-safe products or a representative of the product (pictures of food)
- One cup (8oz.) of instant drink mix, properly packaged with the date of preparation and a list of ingredients included on a label.
- A piece of equipment made by the exhibitor (no larger than 3' x 3' x 3'). If exhibit is larger than these dimensions, a notebook with how and what was made can be used as the exhibit.

D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## CULTURAL AND ETHNIC FOODS—UNIT 6

Class 1543 Cultural Foods Int.

Class 1544 Cultural Foods Sr.

Exhibit will consist of the following:

A. Completed e-Record and manual that includes: Activity 1 on page 16; Activity 2 on page 16; Record on pages 17-23 including the Meal Report pages 19-20; with emphasis in your story about your accomplishments presented in a sturdy binder/notebook.

B. Include the following information on the Foods and Nutrition page:

1. Foods prepared
2. Number of times
3. Special concerns

C. A food product with recipe representative of the cultural or ethnic group within the United States that you selected.

D. Exhibit will be evaluated on the quality of content in the e-Record and manual activities (50 percent) and the quality of the food product (50 percent).

**Note:** The food product *must be safe* to hold at room temperature during judging and display.

## PASSPORT TO FOREIGN COOKERY—UNIT 7

Class 1545 Passport to Foreign Cookery Int.

Class 1546 Passport to Foreign Cookery Sr.

All exhibits will consist of the following:

A. Completed e-Record and a notebook with research on selected country containing three parts:

1. A maximum of 10 pages of research and pictures on customs relating to food habits and food sources such as crops, fishing, etc. Discussion might include food shopping habits, percentage of income spent for food, how the area of the country affects diets, etc.
2. A maximum of three pages of other information about the country, i.e., climate, geography, political structure, religion, dress, etc.
3. A maximum of five pages of menus and recipes indicating nutritional balance of a traditional meal plus activity pages 9-11 in the manual presented in the binder/notebook with the other materials.

B. Include the following information on the Foods and Nutrition page:

1. Foods prepared
2. Number of times
3. Special Concerns

C. A food product with recipe that is representative of the country.

D. Exhibit will be evaluated on the quality of content in the e-Record and research of selected country (50 percent) and the quality of the food product (50 percent).

**Note:** The food product *must be safe* to hold at room temperature during judging and display.

## FOOD PRESERVATION

Note: Please read 4-H Project Exhibit Rules on page 71.

Special Exhibit Rules for Food Preservation:

1. All foods must have been preserved since the last state fair by the 4-H member.
2. All canned products must include the following information on the label. Use the label templates below the examples and print on cardstock type paper. Affix labels to jars using a rubber band around the top of the jar:
  - a. Name of product
  - b. Additional ingredients/Acidity (salt, lemon juice, vinegar, ascorbic acid)
  - c. Method of preparation (type of syrup, raw or hot pack) as applies to product canned
  - d. Method of processing (i.e., pressure canner, water bath), weighted or dialed gauge, pounds of pressure
  - e. Exact processing time, including altitude/elevation adjustment
  - f. Elevation at which processing was done (refer to Making altitude/elevation adjustments in your manual and to CSU's Preserve Smart app at <https://apps.chhs.colostate.edu/preservesmart/>)
  - g. Full date processed

Examples:

PEACHES	GREEN BEANS
ascorbic acid dip	hot pack, ½ tsp salt
hot pack-thin syrup	pressure canned at
boiling water bath canned	12 ½ pounds
35 minutes at	25 minutes at
5,000 feet	5,000 feet
September 2020	July 2021

3. All dried foods must include the following information on the label:

- a. Name of product
- b. Additional ingredients added, if any
- c. Method of preparation, pretreatment used, if any
- d. Method of drying (oven, dehydrator, freeze)
- e. Total drying time
- f. Conditioning time/days
- g. Date dried

Examples:

APRICOTS  
ascorbic-acid-dipped  
dehydrator-dried, 8 hours  
July 2021

4. Clear standard canning jars, such as Ball or Kerr must be used for all canned exhibits. All jars must have new two-piece lids. Re-useable lids and one-piece lids are not allowed. Decorative storage containers which have a rubber seal are not acceptable for canning exhibits.

5. Screw bands should be used during transit to and from the state fair. Screw bands will be removed by the judge during judging.

6. All preserved foods must follow CSU Preserve Smart or USDA recommendations. Recipes from 1994 through present must be used. (Refer to project tip sheet.)

7. Any jars showing leaks or spoilage will not be judged.

8. Recipes from approved sources, such as USDA or CSU, that have been tested in a laboratory must be used to ensure that particular food mixture will be heated sufficiently in all parts within the jar and that acidity level is adequate to destroy both vegetative and spore forms of bacteria.

9. The recipe must be included in the record book. Please make copies of the recipe page for additional recipes.

10. 4-H members may enter up to three classes per unit, except Freezing Unit 1.

### FOR ALL FOOD PRESERVATION UNITS

All exhibits will consist of the following completed e-Record information (A, B, and C below) along with each unit's additional requirements (D).

- A. e-Record shall be presented in a sturdy binder/notebook. The 4-H Food Preservation Information page and the Recipe Information page must be included.
- B. Include the following information on the Food Preservation page:
  - a. Date
  - b. Name of product
  - c. Amount
  - d. Preparation Method
  - e. Preservation or processing method used
- C. Include the recipe for your exhibit item(s) in your e-Record and cite the source where you got your recipe.



## FREEZING— UNIT 1

Class 1601	Freezing Unit 1	Jr.
Class 1602	Freezing Unit 1	Int.
Class 1603	Freezing Unit 1	Sr.

All exhibits will consist of the following along with the e-Record (A, B, and C above) as well as “My plans” on page 5 and “Exploring MyPlate” on pages 6-11 in the Freezing manual. Also, complete “Journaling” for at least two activities in the manual.

- D. A display board illustrating a topic investigated during the project year. The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of the display board.
- E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## DRYING—UNIT 2

Class 1604	Drying Unit 2 Fruit Leather or Jerky	Jr.
Class 1605	Drying Unit 2 Fruit Leather or Jerky	Int.
Class 1606	Drying Unit 2 Fruit Leather or Jerky	Sr.
Class 1607	Drying Unit 2 Same Dried Fruit	Jr.
Class 1608	Drying Unit 2 Same Dried Fruit	Int.
Class 1609	Drying Unit 2 Same Dried Fruit	Sr.
Class 1610	Drying Unit 2 Same Dried Vegetable	Jr.
Class 1611	Drying Unit 2 Same Dried Vegetable	Int.
Class 1612	Drying Unit 2 Same Dried Vegetable	Sr.
Class 1613	Drying Unit 2 Mixed Vegetables	Jr.
Class 1614	Drying Unit 2 Mixed Vegetables	Int.
Class 1615	Drying Unit 2 Mixed Vegetables	Sr.

All exhibits will consist of the following along with the e-Record (A, B, and C above) as well as “My plans” on page 5 and “Exploring MyPlate” on pages 6-11 in the Drying manual. Also, complete “Journaling” for at least two activities in the manual.

- D. Up to three of the following:
- Six rolls of the same fruit leather or six strips of jerky. Jerky recipes must use Colorado State University recommended procedures. (See tip sheet for more information.) Deer and elk meat are to include a copy of test results for Chronic Wasting Disease. (CWD test mandatory and a copy placed in binder/notebook.)
  - One-half cup of the same dried fruit. 46
  - One-half cup of the same dried vegetable
  - One-half cup of mixed vegetables.

## BOILING WATER CANNING—UNIT 3

Class 1616	Boiling Water Canning Unit 3 Fruit Spreads	Jr.
Class 1617	Boiling Water Canning Unit 3 Fruit Spreads	Int.
Class 1618	Boiling Water Canning Unit 3 Fruit Spreads	Sr.
Class 1619	Boiling Water Canning Unit 3 Pickled Fruit or Vegetable	Jr.
Class 1620	Boiling Water Canning Unit 3 Pickled Fruit or Vegetable	Int.
Class 1621	Boiling Water Canning Unit 3 Pickled Fruit or Vegetable	Sr.
Class 1622	Boiling Water Canning Unit 3 Relish	Jr.
Class 1623	Boiling Water Canning Unit 3 Relish	Int.
Class 1624	Boiling Water Canning Unit 3 Relish	Sr.
Class 1625	Boiling Water Canning Unit 3 Fruit	Jr.
Class 1626	Boiling Water Canning Unit 3 Fruit	Int.
Class 1627	Boiling Water Canning Unit 3 Fruit	Sr.
Class 1628	Boiling Water Canning Unit 3 Tomato Product	Jr.
Class 1629	Boiling Water Canning Unit 3 Tomato Product	Int.
Class 1630	Boiling Water Canning Unit 3 Tomato Product	Sr.
Class 1631	Boiling Water Canning Unit 3 Salsa	Jr.
Class 1632	Boiling Water Canning Unit 3 Salsa	Int.
Class 1633	Boiling Water Canning Unit 3 Salsa	Sr.
Class 1634	Boiling Water Canning Unit 3 Fruit Pie Filling	Jr.
Class 1635	Boiling Water Canning Unit 3 Fruit Pie Filling	Int.
Class 1636	Boiling Water Canning Unit 3 Fruit Pie Filling	Sr.

All exhibits will consist of the following along with the e-Record (A, B, and C above) as well as “My plans” on page 5 and “Exploring MyPlate” on pages 6-11 in the Boiling Water Canning manual. Complete “Journaling” for at least two activities in the Boiling Water Canning manual. All exhibitors must complete questions on page 39 of the manual –

- Junior – 1 question
- Intermediates – 2 questions
- Seniors – 3 questions

- D. Up to three of the following:
- Fruit Spreads - Jelly, Jam, Preserves, Conserves, Marmalades, Fruit Butters (¼ pt or ½ pt Jar)
  - Pickled fruit or vegetable (Pint Jar)
  - Relish (Pint Jar)
  - Fruit (Pint or Quart Jar)
  - Tomato Product (whole, halved, crushed, juice, sauce [standard, BBQ, Ketchup]) (Pint Jar)
  - Salsa (Pint Jar)
  - Fruit Pie Filling - must use modified starch such as Clear-Jel (Pint or Quart Jar)

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

#### **PRESSURE CANNING—UNIT 4**

Class 1637 Pressure Canning Unit 4 Vegetables Int.  
Class 1638 Pressure Canning Unit 4 Vegetables Sr.

Class 1639 Pressure Canning Unit 4 Tomato Based  
Sauce Int.  
Class 1640 Pressure Canning Unit 4 Tomato Based  
Sauce Sr.

Class 1641 Pressure Canning Unit 4 Dried Beans Int.  
Class 1642 Pressure Canning Unit 4 Dried Beans Sr.

Class 1643 Pressure Canning Unit 4 Meat Int.  
Class 1644 Pressure Canning Unit 4 Meat Sr.

Class 1645 Pressure Canning Unit 4 Combination Int.  
Class 1646 Pressure Canning Unit 4 Combination Sr.

All exhibits will consist of the following along with the e-Record (A, B, and C above) as well as "My plans" on page 5 and "Exploring MyPlate" on pages 6-11 in the Pressure Canning manual. Complete "Journaling" for at least two activities in the Pressure Canning manual. All exhibitors must complete questions on page 36 of the manual -

- Intermediates - 2 questions
- Seniors - 3 questions

D. Up to three of the following:

- a. One pint jar of canned vegetables plus activity from manual that is related
- b. One pint jar of tomato based sauce without meat (example: Spaghetti Sauce) plus activity from manual that is related
- c. One pint jar of canned dried beans plus activity from manual that is related
- d. One pint jar of canned meat plus activity from manual that is related
- e. One pint jar of combination (example: stew, spaghetti sauce with meat) plus activity from manual that is related.

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## HERITAGE ARTS

Note: Please read 4-H Project Exhibit Rules on page 71.

### Project Exhibit Rules:

1. Articles may be worn or used before exhibiting but should be clean and in good condition when exhibited.

2. All exhibits must have the name, age and county of the 4-H member attached. Information must be written on cloth and attached securely to each garment/piece.

Note: Small (less than 6"x6") or delicate items should be mounted on an 8"x10" foam core board.

3. It is to the member's advantage to include in the record a band from the skein of any commercial yarn or thread used in the project. This is helpful to judges when evaluating the project.

4. All exhibits using patterns must have the pattern or a clear copy securely attached to the record, as this is useful to the judges when evaluating the project.

*Note: All Colorado State Fair silk items or garments will be displayed only with permission and an acknowledgment of possible fading caused by display lights. If forms are not available or are unsigned, the garment will not be displayed.*

5. Members are encouraged to select a project that challenges their skills. There are no specific requirements for exhibit items. Quilts do have size requirements.

6. All workmanship in Heritage Arts projects must be done by the member. All piecing and quilting must be done by the member.

7. Miscellaneous Fiber Arts classes include Spinning, Weaving, Ethnic Arts, Rug Making and Macramé.

8. When researching your project for the Heritage Arts Page in the e-Record, list references used:

- Juniors (8-10) one or two references
- Intermediates (11-13) two or three
- Seniors (14 and older) three or more

Note: All exhibits are limited to those that use fiber or fabrics, except for Miscellaneous Heritage Arts-Non-Fiber.

## CROCHET – UNIT 1

Class **1701** Crochet Unit 1 Jr.

Class **1702** Crochet Unit 1 Int.

Class **1703** Crochet Unit 1 Sr.

All exhibits will consist of the following:

A. Completed Heritage Arts e-Record presented in a sturdy binder/notebook.

B. Include the following information on the Heritage Arts page.

- Brief history report about the specific craft you selected:
  - Where did it begin?
  - How did it start?
  - Why was it started?
- Include the gauge used on your item.**

C. If a pattern was used, secure a copy of the pattern to the e-Record.

D. One piece or set of up to three coordinated pieces illustrating skills learned. The skill demonstrated in the exhibit will be single crochet.

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## CROCHET—UNIT 2

Class **1704** Crochet Unit 2 Jr.

Class **1705** Crochet Unit 2 Int.

Class **1706** Crochet Unit 2 Sr.

All exhibits will consist of the following:

A. Completed Heritage Arts e-Record presented in a sturdy binder/notebook.

B. Include the following information on the Heritage Arts page.

- Discuss yarn substitution:
  - How do you determine to change yarns?
  - How do you adapt your stitches or pattern to different weights of yarn?
- Include the gauge used on your item**

C. If a pattern was used, secure a copy of the pattern to the e-Record.

D. One piece or set of up to three coordinated pieces illustrating skills learned. The skills demonstrated in the exhibit can utilize single crochet and must include at least one of the following:

- half double
- double

3. treble
4. color work

D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### CROCHET—UNIT 3

Class <b>1707</b> Crochet Unit 3	Jr.
Class <b>1708</b> Crochet Unit 3	Int.
Class <b>1709</b> Crochet Unit 3	Sr.

All exhibits will consist of the following:

A. Completed Heritage Arts e-Record presented in a sturdy binder/notebook.

B. Include the following information on the Heritage Arts page.

1. Discuss blocking and finishing techniques.
  - a. What method of blocking is preferred for different fibers?
  - b. Give examples of the finishing techniques you used to make your project complete.
2. Include the gauge used on your item.
3. List references used

C. If a pattern was used, secure a copy of the pattern to the e-Record.

D. One piece or set of up to three coordinated pieces illustrating skills learned. The skills demonstrated in the exhibit can utilize any techniques learned in the project.

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### MISCELLANEOUS HERITAGE ARTS—FIBER (needle arts, weaving, spun skeins, felted bags, batiked fabric, hooked pillows, Navaho rugs, macramé, etc.)

Class <b>1710</b> Fiber Arts	Jr.
Class <b>1711</b> Fiber Arts	Int.
Class <b>1712</b> Fiber Arts	Sr.

All exhibits will consist of the following:

A. Completed Heritage Arts e-Record presented in a sturdy binder/notebook.

B. Include the following information on the Heritage Arts page.

1. Brief history report about the specific craft you selected:
  - a. Where did it begin?
  - b. How did it start?
  - c. Why was it started?

C. If pattern was used, secure a copy of the pattern to the e-Record.

D. One piece or a set of up to three coordinated pieces, comprised of a minimum of 50 percent yarn/fabric illustrating skills learned. Can be ethnic-specific to a culture, country, or region. (Example: weavings, spun skeins, felted bags, batiked fabric, hooked pillows, Navajo rug, etc.)

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### MISCELLANEOUS HERITAGE ARTS—NON-FIBER (Native American beading, silver smithing, Ukrainian eggs, paper scrolling, wood carvings, etc.)

Class <b>1713</b> Non-Fiber Arts	Jr.
Class <b>1714</b> Non-Fiber Arts	Int.
Class <b>1715</b> Non-Fiber Arts	Sr.

All exhibits will consist of the following:

A. Completed Heritage Arts e-Record presented in a sturdy binder/notebook.

B. Include the following information on the Heritage Arts page.

1. Brief History report about the specific craft you selected:
  - a. Where did it begin?
  - b. How did it start?
  - c. Why was it started?

C. If pattern was used, secure a copy of the pattern to the e-Record.

D. One piece or a set of up to three coordinated pieces, with no yarn or fabric, illustrating skills learned. Can be ethnic-specific to a culture, country or region. Examples; Native American beading, silver smithing, Ukrainian eggs, paper scrolling, wood carving, etc.

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### KNITTING – UNIT 1

Class <b>1716</b> Knitting Unit 1	Jr.
Class <b>1717</b> Knitting Unit 1	Int.
Class <b>1718</b> Knitting Unit 1	Sr.

All exhibits will consist of the following:

A. Completed Heritage Arts e-Record presented in a sturdy binder/notebook.

B. Include the following information on the Heritage Arts page.

1. Brief history report about the specific craft you selected:
  - a. Where did it begin?
  - b. How did it start?
  - c. Why was it started?
2. Include the gauge used on your item.

C. If a pattern was used, secure a copy of the pattern to the e-Record.

D. One piece or a set of up to three coordinated pieces illustrating what was learned. The skills demonstrated in the exhibit will be one or the other of the following:

- Stockinette stitch
- Garter stitch
- Ribbing is optional.

D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## KNITTING—UNIT 2

Class **1719** Knitting Unit 2 Jr.

Class **1720** Knitting Unit 2 Int.

Class **1721** Knitting Unit 2 Sr.

All exhibits will consist of the following:

A. Completed Heritage Arts e-Record presented in a sturdy binder/notebook.

B. Include the following information on the Heritage Arts page.

1. Discuss yarn substitution:
  - a. How do you determine to change yarns?
  - b. How do you adapt your stitches or pattern to different weights of yarn?
2. Include the gauge used on your item.

C. If a pattern was used, secure a copy of the pattern to the e-Record

D. One piece or a set of up to three coordinated pieces illustrating what was learned. The skills demonstrated in the exhibit can utilize Stockinette and/or Garter stitch and must include at least one of the following:

1. lace work
2. cable work
3. color work

Ribbing is optional.

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## KNITTING—UNIT 3

Class **1722** Knitting Unit 3 Jr.

Class **1723** Knitting Unit 3 Int.

Class **1724** Knitting Unit 3 Sr.

All exhibits will consist of the following:

A. Completed Heritage Arts e-Record presented in a sturdy binder/notebook.

B. Include the following information on the Heritage Arts page.

1. Discuss blocking and finishing techniques.
  - a. What method of blocking is preferred for different fibers?
  - b. Give examples of the finishing techniques you used to make your project complete.
2. Include the gauge used on your item.

C. If a pattern was used, secure a copy of the pattern to the e-Record.

D. One piece or a set of up to three coordinated pieces illustrating what was learned. The skills demonstrated in the exhibit can utilize any techniques learned in the project.

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## FOR QUILTING UNITS 1 THROUGH UNIT 6

All exhibits will consist of the following e-Record information (A and B) along with each unit's additional requirements (C through I).

- A. Completed Heritage Arts e-Record presented in a sturdy binder/notebook.
- B. Include the following information on the Heritage Arts page.
  - a. Brief history report about the specific craft you selected:
    - i. Where did it begin?
    - ii. How did it start?
    - iii. Why was it started?
    - iv. Historical information of your specific quilt block if applicable.
  - b. List references used:
    - i. Juniors (8-10) one or two references
    - ii. Intermediates (11-13) two or three references
    - iii. Seniors (14-18) three or more references
  - c. Include the stitches per inch on your item.
  - d. List the skills (at least three for Units 1 and 2 and at least two for Units 3-6) that you learned and are used on your project.
  - e. If a pattern was used, secure a copy of the pattern to the e-Record.

## QUILTING—UNIT 1

Class 1725 Quilting Unit 1 Jr.

Class 1726 Quilting Unit 1 Int.

All exhibits will consist of the following along with the e-Record (A and B above):

C. One finished item illustrating what was learned.

Items should include **one** of the following:

1. Simple pieced quilt (lap size or smaller)
2. Pillow
3. Pillow sham
4. Two placemats

D. Exhibited items must be quilted – machined or tied.

E. No separate binding should be used.

- a. Items should be finished using a roll-over/self-binding or an envelope turn.

F. Consistent use of ¼” seams required in all units.

G. Two or more of the following required techniques are allowed:

1. “Sandwiching” – layering quilt top, batting and backing
2. Cutting of precuts and/or stitched pieces, using rulers and rotary cutter
3. Straight block pattern
4. “Nesting” seams
5. Use of sashing
6. Modification of original pattern (size, border, etc.)

H. The exhibit should not use advanced quilting techniques used in Units 3, 4, and 5.

I. Fabric selection allowed

- a. Yardage
- b. Pre-printed panel
- c. Pre-cuts

J. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## QUILTING—UNIT 2

Class 1727 Quilting Unit 2 Jr.

Class 1728 Quilting Unit 2 Int.

Class 1729 Quilting Unit 2 Sr.

All exhibits will consist of the following along with the e-Record (A and B above):

C. One finished item illustrating what was learned.

Items should include **one** of the following:

1. Quilt 36x36 or larger
2. Table runner

3. Wall hanging

D. Exhibit items must be quilted – machine or tied, rag quilt.

E. A separate binding should be used.

F. Two or more of the following required techniques are allowed:

1. “Sandwiching” – layering quilt top, batting and backing
2. Cutting of precuts and/or stitched pieces, using rulers and rotary cutter
3. Straight block pattern
4. “Nesting” seams
5. Use of sashing
6. Mitered corners

G. The exhibit should not use advanced quilting techniques used in Units 3, 4, and 5.

H. Fabric selection allowed

- a. Yardage
- b. Pre-printed panel
- c. Pre-cuts

I. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## QUILTING—UNIT 3

Class 1730 Quilting Unit 3 Jr.

Class 1731 Quilting Unit 3 Int.

Class 1732 Quilting Unit 3 Sr.

All exhibits will consist of the following along with the e-Record (A and B above):

C. One finished item illustrating what was learned.

Items should include **one** of the following:

1. Quilt (lap size or larger)
2. Three coordinated pieces, such as a table runner and two placemats or a bed runner and two pillows

D. Exhibited items must be quilted, hand or machine ONLY.

E. A separate binding should be used.

F. Two or more of the following required techniques are allowed:

1. Triangle patterns
2. Embellishments (includes NON-stitched appliques)
3. “Fussy-cuts”
4. Mitered corners
5. “On point” rows
6. Challenging fabric (denim, directional print, etc.)
7. Flange or other “embellished” borders



G. The Exhibit should not use any techniques from Unit 4.

H. Fabric selection allowed

1. Yardage
2. Applique pre-cuts

I. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

#### QUILTING—UNIT 4

Class 1733 Quilting Unit 4-Original Design Jr.

Class 1734 Quilting Unit 4-Original Design Int.

Class 1735 Quilting Unit 4-Original Design Sr.

All exhibits will consist of the following along with the e-Record (A and B above):

C. One finished item illustrating what was learned. Items should include **one** of the following:

1. Quilt (lap size or larger)
2. Three coordinated pieces, such as a table runner and two placemats or a bed runner and two pillows

D. Exhibit item must be quilted – hand or machine ONLY.

E. A separate binding should be used.

F. Two or more of the following required techniques are allowed;

1. Y-seams
2. Curved piecing
3. Free-motion quilting on standard sewing machine
4. Use of ruler-work for quilting on standard machine
5. Foundation or paper piecing
6. Appliques, with stitched designs

G. No tied quilts or long-arm machine quilting.

H. Fabric selection allowed:

1. Yardage
2. Applique pre-cuts
- I. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

#### QUILTING—UNIT 5 Original Design

Class 1736 Quilting Unit 5-Original Design Jr.

Class 1737 Quilting Unit 5-Original Design Int.

Class 1738 Quilting Unit 5-Original Design Sr.

All exhibits will consist of the following along with the e-Record (A and B above):

C. Include the following:

- a. Picture, sketch, or description of inspiration
- b. Any sketches, drafts, computer generated designs or blocks
- c. Calculations, measurements and any adaptations or changes
- d. Description of the process or steps.

D. One finished item illustrating what was learned. Items should include **one** of the following:

- a. Quilt (lap size or larger)
- b. Coordinated pieces, such as a table runner and two placemats or a bed runner and two pillows

E. Exhibit items must be quilted – hand or machine quilted (traditional or long-arm).

F. A separate binding should be used

G. Two or more of the required techniques from previous Units, but the design must be **original**.

H. Fabric selection allowed:

- a. Yardage
- b. Applique pre-cuts

I. NO commercial patterns allowed.

J. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

#### QUILTING UNIT—6 Long Arm Quilting

Class 1739 Quilting Unit 6 Int.

Class 1740 Quilting Unit 6 Sr.

All exhibits will consist of the following along with the e-Record (A and B above):

C. One finished item illustrating what was learned. Items should include **one** of the following:

1. Quilt (original design)
2. Wall hanging
3. Clothing article using quilting techniques

D. Exhibited items must use long-arm quilter, free hand, or programmed designs.

E. A separate binding should be used.

F. Use any three of the required techniques from Units 2, 3, or 4.

G. Fabric selection allowed:

1. Yardage
2. Pre-cuts

H. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).



## HOME DESIGN AND DECOR

Note: Please read 4-H Project Exhibit Rules on page 71.

### Project Exhibit Rules:

1. Only the current year's records should be submitted.
2. The articles may be used before exhibiting but should be clean and in good condition when exhibited.
3. All exhibit items must have the name, age and county of the exhibitor attached. This information should be attached on the back and at the left-hand corner of the article.

### Definitions of Decorative Accessory and Household Items

A decorative accessory is a small decoration piece (not furniture such as end tables, night stands, sofas, chairs or window and floor coverings) which adds spice to a room. Examples:

- Lampshades
- Picture frames
- Trays
- Small jewelry boxes
- Shadow boxes
- Small collectibles
- Vases
- Candlesticks
- Pillows, etc.

A household item is a small useable piece (not furniture such as end tables, night stands, sofas, chairs or window and floor covering).

Examples:

- Wastebasket
- Canister
- Planters
- Foot stools, etc.

### HOME DESIGN AND DÉCOR—UNIT 1

Class **1801** Home Design & Decor Unit 1 Jr.

Class **1802** Home Design & Décor Unit 1 Int.

Class **1803** Home Design & Decor Unit 1 Sr.

All exhibits will consist of the following:

A. Completed Home Design and Décor e-Record presented in a sturdy binder/notebook. Include in your project story why you chose your exhibit, how you plan to use it, what other items you made, and what recycled or reusable items you used this year.

B. Include the following information on the Home Design and Décor page: pictures of other recycled items made during your project (a minimum of at least two photos). These are in addition to the photo required in the e-Record.

C. Select one of the following using at least 50 percent recycled or reused items (no furniture):

1. Using recycled material to make one of the following to be used outside.
  - a. Bird feeder or birdhouse
  - b. Wind chime
  - c. Picnic caddy

OR

2. Using at least 50% recycled or reused items (no furniture) to make one of the following items to be used inside the house.
  - a. Centerpiece for table
  - b. Planter
  - c. Room or desk organizer
  - d. Decorative accessory for the home (see definition)
  - e. Household item (see definition)
  - f. Wall hanging (3 x 2)

D. Completed Activity 2 – Color wheel from the manual placed in the e-Record.

F. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### HOME DESIGN AND DECOR—UNIT 2

Class **1804** Home Design and Décor Unit 2 Jr.

Class **1805** Home Design and Décor Unit 2 Int.

Class **1806** Home Design and Décor Unit 2 Sr.

All exhibits will consist of the following:

A. Completed Home Design and Décor e-Record presented in a sturdy binder/notebook. Include in your project story why you chose your exhibit, how you plan to use it and what other items you made.

B. Include the following information on the Home Design and Décor page in the e-Record.

1. Two or more exhibit photos showing item in place where it will be used and as a part of the total room design. These are in addition to the photos required in the e-Record.
2. A statement on how you improved your family's safety or a family escape plan.

C. One item or set from the following:

1. Communication Board (3' x 2')
2. Room or desk organizer
3. A wall hanging 3' x 2'
4. Decorative accessory
5. Household item (see definition)
6. Family escape plan

D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### HOME DESIGN AND DÉCOR—UNIT 3

Class **1807** Home Design and Décor Unit 3 Jr.

Class **1808** Home Design and Décor Unit 3 Int.

Class **1809** Home Design and Décor Unit 3 Sr.

All exhibits will consist of the following:

A. Completed Home Design and Decor e-Record presented in a sturdy binder/notebook, including room scheme. Include in your project story why you chose your exhibit, how you plan to use it, what other items you made and what recycled or reusable items you used this year.

B. Select one of the following for an exhibit:

1. A refinished or refurbished piece of furniture. To refurbish is to restore a furniture piece to a new look by repairing damage and/or replacing seating or upholstery caused by heavy wear or neglect. Refinishing is when you strip off the old finish and apply a new finish or color that was not original to that piece of furniture.
  - a. Attach pictures showing the original piece, one during the refinishing or refurbishing process, and one of the completed pieces. These photos are in addition to the photos required in the e-Record.
  - b. A brief description of how the piece(s) fit into the room placed in the e-Record.

**OR**

2. Select from one of the items below to exhibit:
  - a. A brief description of the window treatment or bedcovering you made or purchased that includes how it fits into the design of the room and, if purchased, why?
  - b. Attach up to 4 photos showing the exhibited item(s) in use in the room. These are in addition to the photos required in the e-Record.

**OR**

3. An emergency weather plan for your family. Where would you go? What type of items would you have in case of emergency? What personal items would you take with you? Place the emergency plan in the e-Record.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### HOME DESIGN AND DECOR—UNIT 4

Class **1810** Home Design and Decor Unit 4 Int.

Class **1811** Home Design and Decor Unit 4 Sr.

All exhibits will consist of the following:

A. Completed Home Design and Décor e-Record presented in a sturdy binder/notebook.

B. Include in the e-Record a written statement with the following information:

1. Goals
2. What your plan was for this project.
3. Did you accomplish your goals?
4. List the resources that you used.
5. How did you share your project?
6. How did you evaluate your project?

C. Select one from the following for an exhibit:

1. Design board (art board, corrugated plastic, etc.) 22" x 30". Foam core or foam board for mounting samples. The design board will include samples of paint, fabric, flooring, etc., for the room you are designing.

**OR**

2. Job Shadow Exhibit—display board (3' x 4') demonstrating what profession you are interested in and who you job-shadowed (profession, job title of person shadowing, what you learned from the experience, and if you still want to be in the profession, why or why not?).

Include pictures or any record you have kept providing evidence of your job shadow experience.

**OR**

3. Portfolio Exhibit –
  - a. A physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work.
  - b. Written explanation that demonstrates knowledge of the related career or business field, potential careers, and the appropriate requirements for achievement in that field.

D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## MECHANICAL SCIENCES

### COMPUTER SCIENCE

Note: Please read the 4-H Project Exhibit Rules on page 71.

1. 4-H members may stay in a unit for more than one year. The exhibit must be different each year.

2. Youth are only allowed to enter a display board exhibit or programming **exhibit, but not both**.

**Beginning programming** –a simple program using Scratch (or other **uncomplicated** graphic programming language). The program should include 8 different commands including looping and getting input from the keyboard and mouse.

**Intermediate Programming** –a program using Scratch (or other **uncomplicated** graphic programming language) that you have downloaded from the Internet and modified. Compare the two programs and demonstrate the changes you have made to the original program; OR create an animated storybook or video game using Scratch (or other simple programming language).

**Advanced Programming** – an original program using a higher-level programming language such as Python, Javascript, **Java**, C++, etc.

#### LEVEL 1 - DISCOVERING COMPUTER SCIENCE & PROGRAMMING THROUGH SCRATCH

##### Display Board Exhibits

Class **1901** Computer Science Display Board Jr.

Class **1902** Computer Science Display Board Int.

Class **1903** Computer Science Display Board Sr.

##### Beginning Programming

Class **1904** Beginning Programming Jr.

Class **1905** Beginning Programming Int.

Class **1906** Beginning Programming Sr.

#### LEVEL 2 - DISCOVERING COMPUTER SCIENCE & PROGRAMMING THROUGH SCRATCH

##### Display Board Exhibits

Class **1907** Computer Science Display Board Int.

Class **1908** Computer Science Display Board Sr.

#### Intermediate Programming

Class **1909** Intermediate Programming Int.

Class **1910** Intermediate Programming Sr.

#### LEVEL 3 - DISCOVERING COMPUTER SCIENCE & PROGRAMMING THROUGH SCRATCH

##### Display Board Exhibits

Class **1911** Computer Science Display Board Int.

Class **1912** Computer Science Display Board Sr.

##### Advanced Programming

Class **1913** Advanced Programming Int.

Class **1914** Advanced Programming Sr.

All exhibits will consist of the following:

A. One sturdy binder/notebook that contains the Discovering Computer Science & Programming Through Scratch **Student Notebook for Level 1 and Level 2 and the Discovering Computer Science & Programming Through Scratch Level 3: Recursion manual for Level 3 and completed Computer Science e-Record**.

B. A completed exhibit consists of **ONE** of the following:

1. A display board illustrating a topic learned as a part of the 4-H project. The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of the display board. All items must be attached to the display boards.
2. **Programming Exhibit** (a printed copy of a digital presentation is required and placed in your e-record.) Electronic equipment will only be used during judging time and will not remain on display during the fair. Programs available online (such as Scratch) should include a link to the specific project you have created.
  - a. **Beginning Programming** –a simple program using Scratch (or other **uncomplicated** graphic programming language). The program should include 8 different commands including looping and getting input from the keyboard and mouse.
  - b. **Intermediate Programming** –a program using Scratch (or other **uncomplicated** graphic programming) that you have downloaded from the Internet and modified. Compare the two programs and demonstrate the changes you made to the original program; OR create an animated storybook or video game using Scratch (or other simple graphical programming

- language). If using Scratch, include a clone or list in the program.
- c. **Advanced Programming** –create a program using a control or event block that controls other blocks of code and that executes code with the intended outcome OR an original program using higher level programming language such as Python, Javascript, Java, C++, etc. that executes code with the intended outcome.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

- c. **Website** – Submit text document(s) with your HTML code/CSS for the website you designed that can be viewed on a laptop or a handheld device. Include screen capture images of your website along with the code. Use Unit 8 in the Everything You Need to Ace Computer Science and Coding in One Big Fat Notebook resource for information. In your e-Record story, be sure to address how you would provide cyber security for your website.

## COMPUTER SCIENCE AND CODING

### Display Board Exhibits

- Class 1915 Computer Science and Coding Display Board Int.  
 Class 1916 Computer Science and Coding Display Board Sr.

### Programming Exhibits

- Class 1917 Computer Science and Coding Programming Int.  
 Class 1918 Computer Science and Coding Programming Sr.

### Website Exhibits

- Class 1919 Computer Science and Coding Website Int.  
 Class 1920 Computer Science and Coding Website Sr.

All exhibits will consist of the following:

- A. One sturdy binder/notebook that contains the completed Computer Science e-Record.
- B. A completed exhibit consists of **ONE** of the following:
- Display Board** - A display board illustrating a topic learned as a part of the 4-H project. Use the Everything You Need to Ace Computer Science and Coding in One Big Fat Notebook resource for ideas. The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of the display board. All items must be attached to the display boards. (You may create a display board with information about your program or website with screen capture images illustrating what you have learned.)
  - Programming** - An original program using Scratch or Python using variables, conditional statements, and loops. The program should be more advanced than programs created in previous programming units.

## ELECTRICITY

Note: Please read 4-H Project Exhibit Rules on pg. 71.

**The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of the display board.**

### FOR ALL ELECTRICITY CLASSES

All exhibits will consist of the following e-Record information (A) along with each unit's additional requirements (B).

- A. Completed 4-H Electric project manual (at least three required activities completed; at least four Optional activities - Brain Boosters completed; at least two leadership activities completed); and the e-Record presented in a sturdy binder/notebook.

### MAGIC OF ELECTRICITY—UNIT 1

Class 2001	Magic of Electricity Unit 1	Jr.
Class 2002	Magic of Electricity Unit 1	Int.
Class 2003	Magic of Electricity Unit 1	Sr.

All exhibits will consist of the following along with the e-Record (A above):

B. One article or display board (not both) that you have made as a part of this unit of study. (Example: homemade flashlight, simple switch, circuit with two batteries and one light bulb, compass, electromagnet, galvanometer, electric motor, etc.). The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of the display board.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

### INVESTIGATING ELECTRICITY—UNIT 2

Class 2004	Investigating Electricity Unit 2	Jr.
Class 2005	Investigating Electricity Unit 2	Int.
Class 2006	Investigating Electricity Unit 2	Sr.

All exhibits will consist of the following along with the e-Record (A above):

B. One article or display board (not both) that you have made as a part of this unit of study. (Example: circuit diagrams with explanation, series circuit, parallel circuit, momentary switch, three-way switch, soldered connection, rocket launcher, burglar alarm, etc.). The standardized display board size of 4 ft. x 3 ft. is to be

used with 4-H projects. No additional items may be included in front of the display board.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

### WIRED FOR POWER—UNIT 3

Class 2007	Wired for Power Unit 3	Jr.
Class 2008	Wired for Power Unit 3	Int.
Class 2009	Wired for Power Unit 3	Sr.

All exhibits will consist of the following along with the e-Record (A above):

B. One article or display board (not both) that you have made as a part of this unit of study. (Example: electrical tool and supply kit, display of symbols on wires and cables and their meanings, display of light bulbs and the jobs they do best, display board on how to read an appliance name tag, chart showing the electrical usage of appliances, display board on how to replace a switch, etc.). The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of the display board.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

### ENTERING ELECTRONICS—UNIT 4 (Senior Advanced)

Class 2010	Entering Electronics Unit 4	Sr.
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All exhibits will consist of the following along with the e-Record (A above):

B. One article or display board (not both) which you made as a part of this unit of study. (Example: display of electronic parts, diode, transistor, light-emitting diode (LED), LED flasher photocell alarm, light meter, silicon-controlled rectifier (SCR) intruder alarm, 6-8-watt amplifier with integrated circuit, etc.). The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of the display board.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

**Note:** Please make sure that all items are attached securely to the exhibit and that they are labeled with the name of the exhibitor.



## METALWORKING

Note: Please read 4-H Project Exhibit Rules on page 71.

The following types of projects cannot be exhibited at the Colorado State Fair: Weaponry (knives, swords, spear points, etc.), cutting tools (axes, saws, knives, machetes, etc.), sharp home or garden tools (garden hoe, shears, loppers, saws, etc.), sharp outdoor, hunting or fishing equipment (frog gig, leg trap, arrow points, hooks, fishing/meat gaff, etc.), propulsion or motorized vehicles (go carts, etc.) or any other item deemed dangerous or inappropriate by the superintendent(s).

For ideas, tips, and answers to frequently asked questions, please see the Metalwork Tip Sheet at: <https://co4h.colostate.edu/projects/pages/Metalworking-PT.pdf>.

### FOR ALL METALWORKING CLASSES

All exhibits must consist of the following e-Record information (A) along with each unit's additional requirements (B through E).

- A. A completed **Metalworking** e-Record presented in a sturdy binder/notebook.

### INTRODUCTION TO METALWORK—UNIT 1

- Class **2101** Intro to Metalwork Unit 1 Jr.  
Class **2102** Intro to Metalwork Unit 1 Int.  
Class **2103** Intro to Metalwork Unit 1 Sr.

All exhibits will consist of the following **along with the e-Record (A above)**:

- B. Exhibit the following:
- One each: Lap, Butt and 90-degree T joints
    - Requirements:
      - Each joint will be made of 2 separate pieces, 3" to 4" long of 1" to 2" wide flat strap metal, between 1/8" (11 gauge) and 1/4" thick
      - On clean steel with no paint, oil, or other finishes
      - Single pass weld on one side of each required joint
      - Name, County and Class number on bottom of each completed joint in permanent ink or paint
  - An exhibit up to 3'x3'x7' and under **50 lbs.**
    - No paint, oil, or other finishes
    - No grinding or smoothing of welds

- Metal only – No wood, plastic, or other building materials on the project to be judged
- c. Photos of the exhibit project construction (placed in e-Record)
- Four photos of the prep work (drafting plans, measuring, cutting, torching, bending, fitting, etc.)
  - Four photos of actual welds (individual welds)
  - Four photos of finish work (no painting, no oil, no seasoning, front view, side view, top view, best overall view)

C. Project will be evaluated on the quality of the information completed in the e-Record and emphasis on the quality of welds on the exhibit.

### METAL FABRICATION—UNIT 2

- Class **2104** Metal Fabrication Unit 2 Jr.  
Class **2105** Metal Fabrication Unit 2 Int.  
Class **2106** Metal Fabrication Unit 2 Sr.

All exhibits will consist of the following **along with the e-Record (A above)**:

- B. Exhibit the following:
- An exhibit project up to 3'x3'x7' and under **100 lbs.**
    - Paint, oil, and other finishes are allowed
    - Grinding of welds is allowed
    - Wood, plastic, or other building materials are allowed but must be less than 50% of the project materials
    - No moving parts – must be a static item (no hinges, wheels, slides, etc.)
    - No additional features (lights, electrical, water, etc.)
  - Photos of the exhibit project construction (placed in e-Record)
    - Four photos of the prep work (drafting plans, measuring, cutting, torching, bending, fitting, etc.)
    - Four photos of actual welds (individual welds)
    - Four photos of finish work (no painting, no oil, no seasoning, front view, side view, top view, best overall view)
- C. Project will be evaluated on the quality of the information completed in the e-Record and the quality of the overall exhibit.

### ADVANCED METAL FABRICATION—UNIT 3

- Class **2107** Advanced Metal Fabrication Unit 3 Jr.  
Class **2108** Advanced Metal Fabrication Unit 3 Int.



Class **2109** Advanced Metal Fabrication Unit 3 Sr.

All exhibits will consist of the following **along with the e-Record (A above)**:

B. Exhibit the following:

- d. An exhibit project up to 3'x3'x7' and under **150 lbs.**
  - i. Paint, oil and other finishes are allowed
  - ii. Grinding of welds is allowed
  - iii. Wood, plastic, or other building materials are allowed but must be less than 50% of the project materials
  - iv. Moving parts allowed (hinges, wheels, slides, etc.)
  - v. Additional features allowed (lights, electrical, water, etc.)
- e. Photos of the exhibit project construction (placed in e-Record)
  - i. Four photos of the prep work (drafting plans, measuring, cutting, torching, bending, fitting, etc.)
  - ii. Four photos of actual welds (individual welds)
  - iii. Four photos of finish work (no painting, no oil, no seasoning, front view, side view, top view, best overall view)

C. Project will be evaluated on the quality of the information completed in the e-Record and the quality of the overall exhibit.

- v. All project photos must be 5"x 7" minimum
- vi. Captions for each photo
- vii. Project requirements
  - 1. An exhibit project larger than 3'x3'x7' or over 150 lbs.
  - 2. Paint, oil, and other finishes are allowed
  - 3. Grinding of welds is allowed
  - 4. Wood, plastic, or other building materials are allowed but must be less than 50% of the project materials
  - 5. Moving parts allowed (hinges, wheels, slides, etc.)
  - 6. Additional features allowed (lights, electrical, water, etc.)

C. Project will be evaluated on the quality of the information completed in the e-Record completeness of the display board and the quality of the project as exhibited on the display board.

#### **LARGE EXHIBIT FABRICATION—UNIT 4**

Class **2110** Large Exhibit Fabrication Unit 4 Jr.

Class **2111** Large Exhibit Fabrication Unit 4 Int.

Class **2112** Large Exhibit Fabrication Unit 4 Sr.

All exhibit wills consist of the following **along with the e-Record (A above)**:

B. Exhibit the following:

- a. A 4' wide by 3' tall display board of your completed project with the following minimum information
  - i. Title or description of exhibit project
  - ii. Left Side - Four photos minimum of the prep work (drafting plans, measuring, cutting, torching, bending, fitting, etc.)
  - iii. Right Side - Four photos minimum of completed welds
    - 1. No paint, oil, or other finishes on welds
    - 2. No grinding or smoothing of welds
  - iv. Center - Four photos of minimum finish project (front view, side view, top view, best overall view)

## MODEL ROCKETRY

Note: Please read the 4-H Project Exhibit Rules on page 71.

Note to all units:

1. Rocket exhibits must relate to the skill level for the unit entered. Units 1-4 should include the color picture of the rocket and skill level title from the rocket-kit package as part of its record book. All project material must be organized and secured in a sturdy binder/notebook. Unit 6 must have a copy of plans or blueprints including instructions “step by step” to build the rocket.
2. Each unit level will list what type of fins (single-piece or multi-piece) and what type of material (plastic, balsa or basswood, plywood, composite, or fiberglass) may be used for the exhibit rocket. Fins in all units must be finished with paint except for clear fins used with scale or novelty rockets. **No plastic fins for Units 1-3.**
3. Unit 4 members may build helicopter and glider recovery rocket kits.
4. Rocket design cannot include humanoid characteristics or representations (like dolls). Any toy or 3D human or animal representation can only be in the payload section of the model rocket. Any object displayed (and launched) with the rocket should be non-living.
5. Rockets are to be displayed and held **vertically** by a substantial rod (not a coat hanger rod) or wood support (like an unpainted dowel rod that fits into the motor mount cavity snugly). The base board should be heavier than the rocket and appropriate to the size of the rocket, not to exceed 12”x12”x1” thick. Only the rocket will be judged. The base, at minimum, must be sanded to eliminate splinters. Optionally, the base could be clear coated or painted with up to three colors. Do not decorate the base. No triangular stands can be used for displaying the rocket.
6. Do not include live or expended engines in the rocket exhibited.
7. If the rocket is damaged in launching, it can still be judged for quality of construction **along with the** e-Record and pictures.
8. Display rockets cannot be used for the Rocket Fly Day competition at State Fair.

9. No launching pads should be used for displaying the rockets.
10. Launching your display rocket is not a requirement. If you are participating in Rocket Fly, make two rockets – one for exhibit and one to launch. At least one rocket should be launched as part of the project to complete the “Launch Information” section of the supplemental sheet. If you are not able to launch due to a fire ban, etc. you must have an explanation on that sheet.
11. Any decals used must be on the rocket.
12. For each rocket used during your project, including your exhibit rocket, make a copy of the Model Rocketry Information page of the e-Record. Include the following information for each rocket on a page of its own:
  - a. Exhibit manufacturer and model name
  - b. Skill level
  - c. Number of fins and fin material
  - d. Recovery system type
  - e. Where the rocket is from (i.e., stock kit)
  - f. Rocket power
  - g. Fuselage type
  - h. Engine information: **engine type**, engine code, label color
13. If you launched any of the rockets used in your project, provide the following information on the Model Rocketry Information page under “Rocket Launch Information”.
  - a. Number of times launched
  - b. Type of launch pad used
  - c. Kind of electrical system used
  - d. Tracking method used if applicable
  - e. Altitude achieved (optional)
  - f. Observer’s distance from rocket (observations of rocket stability, flight path, etc.; any special problems before, during and after launching)
  - g. Did you have any special problems, before, during, and after launching?
  - h. What did you do to overcome the problems you encountered? Were any modifications made?

Note: Please read specific rules for your unit.

## INTRODUCTION TO ROCKETRY—UNIT 1

- Class **2201** Intro to Rocketry Unit 1 Jr.
- Class **2202** Intro to Rocketry Unit 1 Int.
- Class **2203** Intro to Rocketry Unit 1 Sr.

All exhibits will consist of the following:

- A. Completed Model Rocketry e-Record, including the Model Rocketry Information page, presented in a sturdy binder/notebook.
- B. One rocket personally built related to Unit 1. The rocket must be a Skill I, beginner, basic, Estes Intermediate type rocket meeting at maximum these criteria:
1. Three to four wood fins
  2. Parachute or streamer recovery system
  3. Single-stage A3 to B6 (first flight) recommended motor size
- C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

## BASIC MODEL ROCKETRY—UNIT 2

- Class **2204** Basic Model Rocketry Unit 2 Jr.
- Class **2205** Basic Model Rocketry Unit 2 Int.
- Class **2206** Basic Model Rocketry Unit 2 Sr.

All exhibits will consist of the following:

- A. Completed Model Rocketry e-Record, including the Model Rocketry Information page, presented in a sturdy binder/notebook.
- B. One rocket personally built related to Unit 2. The rocket must be a Skill II, beginner, basic, Estes Advanced type rocket meeting at maximum these criteria:
1. Three to eight wood fins, including canard fins
  2. Parachute or streamer recovery system
  3. Single-stage motor (A3 up to C11 first flight recommended motor size)
- D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

## INTERMEDIATE MODEL ROCKETRY—UNIT 3

- Class **2207** Intermediate Model Rocketry Unit 3 Jr.
- Class **2208** Intermediate Model Rocketry Unit 3 Int.
- Class **2209** Intermediate Model Rocketry Unit 3 Sr.

All exhibits will consist of the following:

- A. Completed Model Rocketry e-Record, including the Model Rocketry Information page, with completed questions in manual pages 31-35 (Note: This manual is being updated. If page numbers change, 4-H members will be notified.) presented in a sturdy binder/notebook.
- B. One rocket personally built-in unit or display related to work done in Unit 3. The rocket must be a Skill Level III (Estes Expert) type rocket meeting at maximum these criteria:
- a. Any combination of balsa wood fins
  - b. Parachute recovery system
  - c. Single-stage motor (B6 up to E12 first flight recommended motor size)
- C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

## ADVANCED MODEL ROCKETRY—UNIT 4

### Finished fins of any type

- Class **2210** Advanced Model Rocketry Unit 4 Jr.
- Class **2211** Advanced Model Rocketry Unit 4 Int.
- Class **2212** Advanced Model Rocketry Unit 4 Sr.

All exhibits will consist of the following:

- A. Completed Model Rocketry e-Record, including the Model Rocketry Information page, with completed questions in manual pages 14-18 (Note: This manual is being updated. If page numbers change, 4-H members will be notified.) presented in a sturdy binder/notebook.
- B. One rocket personally built-in unit or display related to work done in Unit 4. The rocket can be from Skill Level I up to Skill Level IV (Estes Master) or that meets at maximum these criteria:
- a. Any combination of balsa wood or plastic fins.
  - b. Parachute, helicopter, or glider recovery system
  - c. Single-stage motor (A3 up to E12 first flight recommended motor size)

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

## DESIGNER MODEL ROCKETRY—UNIT 6

### Finished fins of any type

Class 2213 Designer Model Rocketry Unit 6 Int.

Class 2214 Designer Model Rocketry Unit 6 Sr.

All exhibits will consist of the following:

A. Completed Model Rocketry e-Record with design worksheets and completed questions in manual on pages 35-39, presented in a sturdy binder/notebook. Include a copy of the plans or blueprints on how to build the rocket. If you used any software, such as an Excel spreadsheet, include that in your binder/notebook.

B. If a rocket was launched provide the following information on the Model Rocketry page.

1. Number of times successfully launched; kind of launch pad used.
2. Kind of electrical system used.
3. Tracking method used.
4. Observer's distance from rocket; observations of rocket stability, flight path, etc.; altitude achieved and how it was determined; any special problems before, during and after launching.
5. What did you do to overcome any problems you encountered?

C. One rocket **personally designed**, built (no kits or plans) and used in unit or display related to work done.

D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

## ROBOTICS & ENGINEERING

Note: Please read 4-H Project Exhibit Rules on page 71.

1. In Junk Drawer Units (1-3), members are only allowed to enter a display board exhibit or a stand-alone exhibit, not both.

2. Robotics Platforms is just a fancy way to say robotics kits or robotics materials. Some types of commercial kits or platforms include: **Arduinio Kits, Brushbot, Make, Hexy, Pushbutton Programmable Robotic Kit, Sparky, Cubelets, Robotic Arm Edge, Sparkfun Red Bot, Multiplo, TETRIX, CEENBot, and VEX, current and discontinued LEGO Robotics kits with programable robots including EV3, WeDo, NXT, SPIKE Prime, Mindstorm, and Boost.**

3. Youth working individually on a robotics platform should enroll in the Platform Units. Youth should advance between Units 4-6 as they feel they are progressing in their project knowledge.

4. Youth working on a team on a robotics platform should enroll in the Team Robotics Unit. Despite being on a team, the fair exhibit is meant to be completed and entered by an individual member.

5. For more information about various team competitive robotics opportunities, see the list from the Colorado 4-H STEM website.

### FOR ALL ROBOTICS & ENGINEERING CLASSES

All exhibits will consist of the following e-Record information (A) along with each unit's additional requirements (B).

- A. A sturdy binder/notebook that contains the completed 4-H Robotics e-Record.

### JUNK DRAWER ROBOTICS & ENGINEERING— UNIT 1—GIVE ROBOTICS A HAND

#### Display Board Exhibits

Class **2301** Give Robotics a Hand Display Board Unit 1 Jr.

Class **2302** Give Robotics a Hand Display Board Unit 1 Int.

Class **2303** Give Robotics a Hand Display Board Unit 1 Sr.

#### Stand Alone Exhibits

Class **2304** Give Robotics a Hand Stand Alone Unit 1 Jr.

Class **2305** Give Robotics a Hand Stand Alone Unit 1 Int.

Class **2306** Give Robotics a Hand Stand Alone Unit 1 Sr.

All exhibits will consist of the following **along with the e-Record (A above):**

**B. For Display Board Exhibits:** One display board which you have made as a part of this unit of study. The standardize display board size of 4' x 3' is to be used for 4-H projects.

**For Stand-Alone Exhibits:** One article which you have made as a part of this unit of study (Examples: marshmallow catapult, robotic arm, robotic gripper.)

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

### JUNK DRAWER ROBOTICS & ENGINEERING— UNIT 2—ROBOTS ON THE MOVE

#### Display Boards Exhibits

Class **2307** Robots on the Move Display Board Unit 2 Jr.

Class **2308** Robots on the Move Display Board Unit 2 Int.

Class **2309** Robots on the Move Display Board Unit 2 Sr.

#### Stand Alone Exhibits

Class **2310** Robots on the Move Stand Alone Unit 2 Jr.

Cass **2311** Robots on the Move Stand Alone Unit 2 Int.

Cass **2312** Robots on the Move Stand Alone Unit 2 Sr.

All exhibits will consist of the following **along with the e-Record (A above):**

**B. For Display Board Exhibits:** One display board which you have made as a part of this unit of study. The standardize display board size of 4' x 3' is to be used for 4-H projects.

**For Stand-Alone Exhibits:** One article which you have made as a part of this unit of study. (Examples: clipmobile, can-can robot, gear train, es-car-go, sea hunt)

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

## JUNK DRAWER ROBOTICS & ENGINEERING—UNIT 3—MECHATRONICS

### Display Board Exhibits

Class 2313 Mechatronics Display Board Unit 3 Jr.

Class 2314 Mechatronics Display Board Unit 3 Int.

Class 2315 Mechatronics Display Board Unit 3 Sr.

### Stand Alone Exhibits

Class 2316 Mechatronics Stand Alone Unit 3 Jr.

Class 2317 Mechatronics Stand Alone Unit 3 Int.

Class 2318 Mechatronics Stand Alone Unit 3 Sr.

All exhibits will consist of the following **along with the e-Record (A above):**

**B. For Display Board Exhibits:** One display board which you have made as a part of this unit of study. The standardize display board size of 4' x 3' is to be used for 4-H projects.

**For Stand-Alone Exhibits:** One article which you have made as part of this unit of study. (Examples: forward and reverse, wall follower, breadboard, say what? build your robot.)

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

## ROBOTICS PLATFORMS—UNIT 4—BEGINNER (Display Board Only)

### Display Board Exhibits

Class 2319 Platforms—Beginner Display Board Unit 4 Jr.

Class 2320 Platforms—Beginner Display Board Unit 4 Int.

Class 2321 Platforms—Beginner Display Board Unit 4 Sr.

All exhibits will consist of the following **along with the e-Record (A above):**

B. One display board which you have made as a part of this unit of study. The standardized display board size of 4' X 3' is to be used for 4-H projects.

B. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

## ROBOTICS PLATFORMS—UNIT 5—INTERMEDIATE (Display Board Only)

Class 2322 Platforms—Int Display Board Unit 5 Jr.

Class 2323 Platforms—Int Display Board Unit 5 Int.

Class 2324 Platforms—Int Display Board Unit 5 Sr.

All exhibits will consist of the following **along with the e-Record (A above):**

B. One display board which you have made as a part of this unit of study. The standardized display board size of 4' X 3' is to be used for 4-H projects.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

## ROBOTICS PLATFORMS—UNIT 6—ADVANCED (Display Board Only)

Class 2325 Platform—Advanced Display Board Unit 6 Jr.

Class 2326 Platform—Advanced Display Board Unit 6 Int.

Class 2327 Platform—Advanced Display Board Unit 6 Sr.

All exhibits will consist of the following **along with the e-Record (A above):**

B. One display board which you have made as a part of this unit of study. The standardized display board size of 4' X 3' is to be used for 4-H projects.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

## TEAM ROBOTICS—UNIT 7 (Display Board Only)

Class 2328 Team Robotics Display Board Unit 7 Jr.

Class 2329 Team Robotics Display Board Unit 7 Int.

Class 2330 Team Robotics Display Board Unit 7 Sr.

All exhibits will consist of the following **along with the e-Record (A above):**

B. One display board which you have made as a part of this unit of study. The standardized display board size of 4' X 3' is to be used for 4-H projects.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).



## SMALL ENGINES

Note: Please read 4-H Project Exhibit Rules on page 71.

### CRANK IT UP—UNIT 1

Class 2401	Crank It Up Unit 1	Jr.
Class 2402	Crank It Up Unit 1	Int.
Class 2403	Crank It Up Unit 1	Sr.

### WARM IT UP—UNIT 2

Class 2404	Warm It Up Unit 2	Jr.
Class 2405	Warm It Up Unit 2	Int.
Class 2406	Warm It Up Unit 2	Sr.

### TUNE IT UP—UNIT 3

Class 2407	Tune It Up Unit 3	Jr.
Class 2408	Tune It Up Unit 3	Int.
Class 2409	Tune It Up Unit 3	Sr.

All exhibits will consist of the following:

- A. A completed Small Engines manual (page 4, at least 7 activities completed) and e-Record presented in a sturdy binder/notebook, including appropriate sections in the manual completed and other items such as diagrams, drawings, photographs, or attachments related to activities in the manual.
- B. Exhibit may be a display board or a stand-alone item (but not both) such as: air and fuel systems, the electrical systems, a diagram of the engine block, etc. A display board can be on any topic from the Small Engines manual. You may use diagrams, drawings, and photographs. Label and use captions to make your display as educational as possible. The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of the display board.

## ADVANCED ENGINES—UNIT 4

Class 2410	Advanced Small Engines Unit 4	Int.
Class 2411	Advanced Small Engines Unit 4	Sr.

All exhibits will consist of the following:

Note: This unit can be used for any type of engine (tractor, car, etc.)

- A. A completed Small Engine Unit 4 e-Record with emphasis on your accomplishments in your story presented in a sturdy binder/notebook (Self-determined).
- B. Include the following information in the Small Engine Unit 4 e-Record:
  - a. Written description of your project:
    - i. goals
    - ii. plans
    - iii. accomplishments
    - iv. evaluation
- C. Exhibit may be a display board or a stand-alone item (but not both) such as: air and fuel systems, the electrical system, a diagram of the engine block, etc. A display board can be on any topic related to engines. You may use diagrams, drawings, charts and photographs. Label and use captions to make your display as educational as possible. The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of the display board

## WOODWORKING

Please read 4-H Project Exhibit Rules on page 71.

Units 1, 2, and 3 in Woodworking have very specific restrictions on the tools used in building an article to display. This is done for reasons of safety and to provide a fair comparison among projects in a unit. An exhibit that shows evidence of not following these restrictions will not be ranked in the top-ten placing.

Projects for Units 1 and 2 will be a maximum size of 3 feet by 3 feet by 7 feet as they are meant to be used or displayed. The item must be stable when standing to be displayed.

Note: In making all placings, judges will consider straightness, accuracy and smoothness of saw cuts; the difficulty and preciseness of joints; the skill employed in the use of nails, screws, gluing and other hardware; freedom from tool or sandpaper marks; appropriate finish evenly applied; article attractiveness, proportions, and use of proper wood for the intended use; ability to follow instructions; quality of workmanship; and completeness of e-Record. Always use proper safety gear.

For large exhibits, like beds, please bring only the head and foot boards. No rails. **Please notify the State 4-H Office if exhibit is oversized.**

### MEASURING UP—UNIT 1

Class <b>2501</b> Measuring Up Unit 1	Jr.
Class <b>2502</b> Measuring Up Unit 1	Int.
Class <b>2503</b> Measuring Up Unit 1	Sr.

**Note:** Use hand tools only. Articles made with tools other than hand tools will not be ranked in the top-ten placing. A hand miter box is allowed. Size restriction: 3' x 3' x 7'.

### MAKING THE CUT—UNIT 2

Class <b>2504</b> Making the Cut Unit 2	Jr.
Class <b>2505</b> Making the Cut Unit 2	Int.
Class <b>2506</b> Making the Cut Unit 2	Sr.

**Note:** The only tools allowed are hand tools, power hand drill, miter box (non-powered), oscillating (pad) sander and jigsaw. Articles made with power tools other than those listed will not be ranked in the top-ten placing. Size restriction: 3' x 3' x 7'.

### NAILING IT TOGETHER—UNIT 3

Class <b>2507</b> Nailing It Together Unit 3	Jr.
Class <b>2508</b> Nailing It Together Unit 3	Int.
Class <b>2509</b> Nailing It Together Unit 3	Sr.

**Note:** The only tools allowed are: hand tools, power hand drill, miter box, jigsaw, scroll saw, power sanders, table saw, drill press, band saw, rabbet plane, jointer and router. Articles made with power tools other than those listed will not be ranked in the top-ten placing.

### FINISHING UP—UNIT 4

Class <b>2510</b> Finishing Up Unit 4	Jr.
Class <b>2511</b> Finishing Up Unit 4	Int.
Class <b>2512</b> Finishing Up Unit 4	Sr.

**Note:** Allowed tools are all those mentioned in Units 1-3, plus circular saw, radial arm saw, planer, wood lathe, chop saw, and other power tools needed to complete Unit 4 projects.

All exhibits will consist of the following:

A. Completed Woodworking e-Record with the plans used for making the exhibit (tell if the plan was your own, manual or other) presented in a sturdy binder/notebook.

B. Include the following information on the Woodworking page:

1. Plan source used (your own, manual or other)
2. Kind of wood used
3. Names of joints and fasteners used
4. A drawing or other copy of a plan for the article exhibited:
  - a. dimensions
  - b. list of materials used
  - c. description of any changes in the article's specifications
  - d. reason for the changes
5. List of all articles made

The drawing or plan itself will not be judged. It is only for the judge's use in judging the article exhibited. If the drawing is missing, the exhibit will not be ranked in the top-ten placings.

C. Any one article constructed by the exhibitor using the skills learned in the unit.

D. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

## NATURAL RESOURCES

### ENTOMOLOGY

Note: Please read 4-H Project Exhibit Rules on page 71. *Entomology Workbook Required.* *Entomology is the study of insects. Insects have three body regions, three pairs of legs and one pair of antennae, wings in adult stage, typically two pair.*

*Spiders are Arachnida which have four pair of legs, two body regions and no antennae. Recommended Level is associated with the existing Unit numbers, which have also been adjusted in the workbook.*

*Exhibits in entomology are limited to insect specimens only.*

1. Level 1 has a display board option as well as an insect collection option since the Level 1 manual does not cover how to make an insect collection.

2. Each year 4-H members build on their collection by adding new insects as required for each unit. Refer to the exhibit requirements for the number of insects to collect for that unit.

Acceptable sizes of handmade Entomology Display Boxes include:

- 12" W x 16" L x 3" deep
- 12" W x 18" L x 3 ½" deep
- 18" W x 24" L x 3 ½ "deep

Glass tops on entomology display cases should slide to the top or side of the case to prevent them from slipping out and breaking when placed on display.

Commercially available display cases are acceptable.

Regular insect pins are required in all units.

On **UNIT 2** through **UNIT 5** classes, the insect display must include date and location where insects were collected. Place this information on labels attached to insect pins.

### FOR ALL ENTOMOLOGY CLASSES

Exhibit will consist of the following e-Record information (A) along with each unit's additional requirements (B and C):

(A) Completed e-Record and Entomology workbook presented in a sturdy binder/notebook. Do a minimum of 12 activities of any combination from the manual.

#### TEAMING WITH INSECTS—LEVEL 1: DISPLAY BOARD—UNIT 1

Class 2701 Learning About Insects Display Board Jr.  
Class 2702 Learning About Insects Display Board Int.  
Class 2703 Learning About Insects Display Board Sr.

Exhibit will consist of the following along with the e-Record (A above):

B. A display board representing some phase of your project work. This could include a chart or special equipment used or developed for the activities in the workbook. The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of the display board.

#### TEAMING WITH INSECTS—LEVEL 1: BEGINNER INSECT COLLECTION—UNIT 2

Class 2704 Beginner Insect Collection Jr.  
Class 2705 Beginner Insect Collection Int.  
Class 2706 Beginner Insect Collection Sr.

All exhibits will consist of the following along with the e-Record (A above):

B. Insect collections—display no fewer than 25 and no more than 75 adult insects in at least 6 different orders. Standard-sized display boxes with removable glass covers are required. Regular insect pins are required.

#### TEAMING WITH INSECTS—LEVEL 2—UNIT 3

Class 2707 Be an Entomologist Jr.  
Class 2708 Be an Entomologist Int.  
Class 2709 Be an Entomologist Sr.

All exhibits will consist of the following along with the e-Record (A above):

B. Insect collection—display no fewer than 75 and no more than 150 insects including a representative from at least 9 different orders (one order developed in water) and include one incomplete metamorphosis (egg-nymph-adult), correctly labeled. Standard-sized display boxes with removable glass covers are required. Regular insect pins are required.

#### TEAMING WITH INSECTS—LEVEL 3—UNIT 4

Class 2710 Insect Investigations Jr.  
Class 2711 Insect Investigations Int.  
Class 2712 Insect Investigations Sr.

All exhibits will consist of the following along with the e-Record (A above):

B. Report on at least three "Dig Deeper" special activities

in the manual that you completed and include them in the e-Record before the story. C. Insect collection—display no fewer than 100 and no more than 250 insects in 10 different, correctly labeled orders. Standard-sized display boxes with removable glass covers are required. Regular insect pins are required.

TEAMING WITH INSECTS—LEVEL 3: IMMATURE  
INSECTS AND LIFE STAGES—UNIT 5

Class 2713 Immature Insects & Life Stages Jr.  
Class 2714 Immature Insects & Life Stages Int.  
Class 2715 Immature Insects & Life Stages Sr.

All exhibits will consist of the following along with the e-Record (A above):

- B. Display your regular insect collection.
- C. Display a collection of at least 10 larvae or immature insects in vials of rubbing alcohol, or similar preservation.

## GARDENING

Note: Please read the 4-H Project Exhibit Rules on page 71.

The gardening project focuses on activities related to vegetable gardening: planning, planting, experimenting, understanding soils, seeds, insects, plant care, harvesting, processing, exploring careers, etc.

### SEE THEM SPROUT—UNIT 1

Class **2801** See Them Sprout Unit 1 Jr.

Class **2802** See Them Sprout Unit 1 Int.

Class **2803** See Them Sprout Unit 1 Sr.

### LET'S GET GROWING! —UNIT 2

Class **2804** Let's Get Growing Unit 2 Jr.

Class **2805** Let's Get Growing Unit 2 Int.

Class **2806** Let's Get Growing Unit 2 Sr.

### TAKE YOUR PICK—UNIT 3

Class **2807** Take Your Pick Unit 3 Jr.

Class **2808** Take Your Pick Unit 3 Int.

Class **2809** Take Your Pick Unit 3 Sr.

### GROWING PROFITS—UNIT 4 (Senior Advanced)

Class **2810** Growing Profits Unit 4 Sr.

All exhibits will consist of the following:

A. A gardening project manual and e-Record presented in a sturdy binder/notebook including these pages of the manual you are using this year:

See them Sprout:

- Complete a minimum of four activities each year (Year 1: pages 4-21; Year 2: pages 22-37).
- Complete pages 43 and 44 in Year 1 and 43 and 45 in Year 2.

Let's Get Growing:

- Complete a minimum of four activities each year (Year 1: pages 4-21; Year 2: pages 22-37).
- Complete pages 45 and 46 in Year 1 and 45 and 47 in Year 2.

Take Your Pick:

- Complete a minimum of four activities each year (Year 1: pages 4-21; Year 2: pages 22-40; Year 3: pages 41-54).
- Complete pages 63 and 64 in Year 1, pages 63 and 65 in Year 2, and pages 63 and 66 in Year 3.

Growing Profits:

- Complete a minimum of four activities each year (Year 1: pages 4-19; Year 2: pages 20-39; Year 3: pages 40-56).
- Complete pages 65 and 66 in Year 1, pages 65 and 67 in Year 2, and pages 65 and 68 in Year 3.

B. A display board illustrating a topic investigated during the project year. The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of the display board.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

## OUTDOOR ADVENTURES

Note: Please read 4-H Project Exhibit Rules on page 71.

List the day, month, and year for the date of completed activities on page 4 of the manual.

### HIKING TRAILS—UNIT 1

Class 2901	Hiking Trails Unit 1	Jr.
Class 2902	Hiking Trails Unit 1	Int.
Class 2903	Hiking Trails Unit 1	Sr.

### CAMPING ADVENTURES—UNIT 2

Class 2904	Camping Adventures Unit 2	Jr.
Class 2905	Camping Adventures Unit 2	Int.
Class 2906	Camping Adventures Unit 2	Sr.

### BACKPACKING EXPEDITIONS—UNIT 3

Class 2907	Backpacking Expeditions Unit 3	Jr.
Class 2908	Backpacking Expeditions Unit 3	Int.
Class 2909	Backpacking Expeditions Unit 3	Sr.

All exhibits will consist of the following:

A. A completed manual of at least 6 chapter activities and at least 6 *Reach the Peak* activities completed each year. The e-Record presented in a sturdy binder/notebook is also required, which includes the appropriate sections in the manual completed, the e-Record and other items or attachments related to the activities in the manual.

B. A display board illustrating a topic investigated during the project year. You may use diagrams, drawings, charts, and photographs. Label and use captions to make your display as educational as possible. The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of the display board.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).



## SHOOTING SPORTS

Note: Please read 4-H Project Exhibit Rules on page 71.

### Project Exhibit Rules:

1. Be sure to include the activity log for the discipline that you are exhibiting in your record book.
2. There is one e-Record that contains the inventory sheet and the discipline **specific activity** log records for all the disciplines that are required for this project.  
If you are planning to do a shooting sports exhibit in more than one discipline at the county or state fair, you will need to have a separate e-record for each exhibit with the discipline specific activity log.
3. Display should illustrate a chosen aspect of skill areas. This is separate from the Colorado State 4-H Shooting Sports Championships. (The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included on or in front of the display board.) No wooden display cases. No humanoid targets are allowed in any form, including within photographs or drawings.
4. Counties may enter only one exhibit per class. Members may have entries in both the display board classes and the stand-alone classes.
5. No live ammo or projectiles including pellets, round balls, or arrows (with or without field points, broadheads), knives, functional or nonfunctional firearms (ie replica firearms, handmade or toy-type, etc) or bows will be allowed as an exhibit. 2-D Cardboard or paper cutouts or décor resembling firearms or bows are allowed for display purposes in the display or stand-alone classes.
6. Do not use the word weapon when creating your display. Make sure that there are no safety violations in your display. (Example: no earplugs, no safety glasses on a photo of a youth firing his/her gun.) Do not use pictures of firearms that are primarily tactical in design firearms in your display, i.e., AR platform or military type firearms.
7. The display board topics should stay in close relationship with your discipline. Please do not use topics outside the scope of your 4-H project. (Example: .22 Rifle Project should not use the topic of different types of military machine guns.)
8. Stand-alone items are items that are made to enhance the discipline, such as a quiver, gun case, gun stand, etc. No display boards or decorative items are allowed in the Stand-Alone Classes.
9. Because of limited floor space, those items that

size of 3 feet wide, 3 feet deep and 7 feet in height as the item is intended for display. The item must be stable when standing to be displayed within the 3' x 3' space. If an exhibit is larger than this, a notebook can be used as an exhibit showing how and what was made.

10. For those members who are exhibiting both a display board and a stand-alone, they may copy their e-Record. Each exhibit must have an e-Record. Be sure to highlight what you are exhibiting in your e-Record.

11. No stand-alone items that are an exhibit at the time of the contests will be allowed to be removed from the building to be used at the contests.

12. A new class has been added. This is a decorative item class. Items to be exhibited in this class are items that are used to decorate a room, building, etc. Be sure to look at the classes to determine where your exhibit item fits.

If you have questions about your display and display requirements, contact your county Extension 4-H Agent.

## DISPLAY BOARD CLASSES

### ARCHERY

- |            |                       |      |
|------------|-----------------------|------|
| Class 3001 | Archery Display Board | Jr.  |
| Class 3002 | Archery Display Board | Int. |
| Class 3003 | Archery Display Board | Sr.  |

### AIR RIFLE

- |            |                         |      |
|------------|-------------------------|------|
| Class 3004 | Air Rifle Display Board | Jr.  |
| Class 3005 | Air Rifle Display Board | Int. |
| Class 3006 | Air Rifle Display Board | Sr.  |

### SHOTGUN

- |            |                       |      |
|------------|-----------------------|------|
| Class 3007 | Shotgun Display Board | Jr.  |
| Class 3008 | Shotgun Display Board | Int. |
| Class 3009 | Shotgun Display Board | Sr.  |

### .22 RIFLE

- |            |                         |      |
|------------|-------------------------|------|
| Class 3010 | .22 Rifle Display Board | Jr.  |
| Class 3011 | .22 Rifle Display Board | Int. |
| Class 3012 | .22 Rifle Display Board | Sr.  |

**.22 PISTOL**

- Class 3013 .22 Pistol Display Board Jr.
- Class 3014 .22 Pistol Display Board Int.
- Class 3015 . 22 Pistol Display Board Sr.

**BLACK POWDER MUZZLELOADING**

- Class 3016 Muzzleloading Display Board Jr.
- Class 3017 Muzzleloading Display Board Int.
- Class 3018 Muzzleloading Display Board Sr.

**AIR PISTOL**

- Class 3019 Air Pistol Display Board Jr.
- Class 3020 Air Pistol Display Board Int.
- Class 3021 Air Pistol Display Board Sr.

**WESTERN HERITAGE**

- Class 3022 Western Heritage Display Board Jr.
- Class 3023 Western Heritage Display Board Int.
- Class 3024 Western Heritage Display Board Sr.

**OUTDOOR SKILLS**

- Class 3025 Outdoor Skills Display Board Jr.
- Class 3026 Outdoor Skills Display Board Int.
- Class 3027 Outdoor Skills Display Board Sr.

**Members may have entries in both the display board classes and the stand-alone classes.**

**STAND-ALONE CLASSES**

Stand-alone items are items that are made to enhance the discipline, such as a quiver, gun case, gun stand, etc. No display boards or decorative items are allowed in the Stand-Alone Classes.

No live ammo, broadheads (ex: arrowheads), knives, functional or nonfunctional firearms or bows will be allowed to be displayed.

**ARCHERY**

- Class 3028 Archery Stand Alone Jr.
- Class 3029 Archery Stand Alone Int.
- Class 3030 Archery Stand Alone Sr.

**AIR RIFLE**

- Class 3031 Air Rifle Stand Alone Jr.
- Class 3032 Air Rifle Stand Alone Int.
- Class 3033 Air Rifle Stand Alone Sr.

**SHOTGUN**

- Class 3034 Shotgun Stand Alone Jr.
- Class 3035 Shotgun Stand Alone Int.
- Class 3036 Shotgun Stand Alone Sr.

**AIR PISTOL**

- Class 3037 Air Pistol Stand Alone Jr.
- Class 3038 Air Pistol Stand Alone Int.
- Class 3039 Air Pistol Stand Alone Sr.

**.22 RIFLE**

- Class 3040 .22 Rifle Stand Alone Jr.
- Class 3041 .22 Rifle Stand Alone Int.
- Class 3042 .22 Rifle Stand Alone Sr.

**.22 PISTOL**

- Class 3043 .22 Pistol Stand Alone Jr.
- Class 3044 .22 Pistol Stand Alone Int.
- Class 3045 .22 Pistol Stand Alone Sr.

**WESTERN HERITAGE**

- Class 3046 Western Heritage Stand Alone Jr.
- Class 3047 Western Heritage Stand Alone Int.
- Class 3048 Western Heritage Stand Alone Sr.

**OUTDOOR SKILLS**

- Class 3049 Outdoor Stand-Alone Jr.
- Class 3050 Outdoor Stand-Alone Int.
- Class 3051 Outdoor Stand-Alone Sr.

**BLACK POWDER MUZZLELOADING**

- Class 3052 Muzzleloading Stand Alone Jr.
- Class 3053 Muzzleloading Stand Alone Int.
- Class 3054 Muzzleloading Stand Alone Sr.

## **DECORATIVE EXHIBIT ITEMS**

Decorative items are items that are made from materials from the different disciplines but are for aesthetic value in decorating a room. All items from all the disciplines that are decorative will be in these classes.

Class **3055** Shooting Sports Decorative Item Jr.

Class **3056** Shooting Sports Decorative Item Int.

Class **3057** Decorative Item Shooting Sports Sr.

All exhibits will consist of the following:

A. Completed e-Record for the discipline exhibited presented in a sturdy binder/notebook.

**B. Specific discipline e-Record is required. It can be found at:**

<http://co4h.colostate.edu/program-areas/colorado-4-h-project-information/>

**C. A Discipline Record Log Sheet is required. It can be found at:**

<http://co4h.colostate.edu/program-areas/colorado-4-h-project-information/>

**D. Display Board Exhibits:** One display board illustrating something learned in the project this year. The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of display board.

**For Stand-Alone Exhibits:** One article which you have made as a part of the project this year. (Examples: gun stocks, decoys, quivers, but not limited to just these.) **No live ammo or projectiles including pellets, round balls or arrows (with or without field points, broadheads), knives, functional or nonfunctional firearms or bows will be allowed as an exhibit.** The display will be a maximum size of 3 feet wide, 3 feet deep and 7 feet in height and sit stable as the item is intended for display.

**For Decorative Exhibit Items:** One article which you have made as a part of the project this year. This item would be considered a decorative item (lamps, shelves, jewelry, artwork, etc.). The display will be a maximum size of 3 feet wide, 3 feet deep and 7 feet in height and sit stable as the item is intended for display.

E. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

## SPORTFISHING

Note: Please read 4-H Project Exhibit Rules on page 71.

- 1. Exhibits may include stand-alone items such as hand-wrapped rods or hand-made lures.**
- 2. Exhibit of record kept during the year and display illustrating a chosen aspect of skill area is required. Exhibits may include a display board or a stand-alone item such as hand-wrapped rods or hand-made lures. A display board is to be a specific skill level area related to the exhibit. When using a display board, it is strongly recommended to use photos, drawings or other illustrations rather than actual items (i.e., rods, reels, other tackle or accessories). Educational materials should not extend beyond the edges of display boards. The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of the display board. Hooks must be removed from lures and jigs when these items are used in an exhibit. The exceptions are artificial flies, which may be exhibited with functional hooks, but the hook points must be imbedded in material (i.e., rubber, dense cork, etc.) that will secure the flies and offer safety to the judges and other show officials. **Be sure to remove barbs and any other sharp points.****
- 3. No knives are to be displayed.**
- 4. Members may have entries in both the display board classes and the stand-alone classes.**
- 5. For those members who are exhibiting both a display board and a stand-alone, they may copy their e-Record. Each exhibit must have an e-Record. Be sure to highlight what you are exhibiting in your e-Record.**
- 6. Stand-alone items must not exceed 3 feet in width and depth and 7ft in height. The item must be stable when standing to be displayed. If an exhibit is larger than these dimensions you may use a notebook as the exhibit and explain how and what was made.**

### SPORTFISHING DISPLAY BOARD CLASSES

#### TAKE THE BAIT—UNIT 1

- Class **3101** Take the Bait Display Board Unit 1 Jr.  
Class **3102** Take the Bait Display Board Unit 1 Int.  
Class **3103** Take the Bait Display Board Unit 1 Sr.

#### REEL IN THE FUN—UNIT 2

- Class **3104** Reel in the Fun Display Board Unit 2 Jr.  
Class **3105** Reel in the Fun Display Board Unit 2 Int.  
Class **3106** Reel in the Fun Display Board Unit 2 Sr.

#### CAST INTO THE FUTURE—UNIT 3

- Class **3107** Cast into the Future Display Board Unit 3 Jr.  
Class **3108** Cast into the Future Display Board Unit 3 Int.  
Class **3109** Cast into the Future Display Board Unit 3 Sr.

**Members may have entries in both the display board classes and the stand-alone classes.**

### SPORTFISHING STAND ALONE CLASSES

**These classes are for stand-alone items only. No display boards are allowed in these classes.**

#### TAKE THE BAIT—UNIT 1

- Class **3110** Take the Bait Stand Alone Unit 1 Jr.  
Class **3111** Take the Bait Stand Alone Unit 1 Int.  
Class **3112** Take the Bait Stand Alone Unit 1 Sr.

#### REEL IN THE FUN—UNIT 2

- Class **3113** Reel in the Fun Stand Alone Unit 2 Jr.  
Class **3114** Reel in the Fun Stand Alone Unit 2 Int.  
Class **3115** Reel in the Fun Stand Alone Unit 2 Sr.

#### CAST INTO THE FUTURE—UNIT 3

- Class **3116** Cast into the Future Stand Alone Unit 3 Jr.  
Class **3117** Cast into the Future Stand Alone Unit 3 Int.  
Class **3118** Cast into the Future Stand Alone Unit 3 Sr.

All exhibits will consist of the following:

- Completed Sportfishing e-Record presented in a sturdy binder/notebook.
- Include the following information on the project information page.
  - Record each fishing experience:
    - date
    - location

- c. type (pond, lake, reservoir, stream, river or other),
  - d. name of body of water
  - e. if you caught a fish (if no, what do you think the reason was for not catching fish),
  - f. if yes, include the following weather information about the day: time of day, air temperature, water temperature, cloud cover and other information about the weather.
2. Complete a Catch and Release Fish for your five best fish, caught and released or your five best fish kept, depending on legal limits.
- a. species, length (nose to tail)
  - b. girth (around middle)
  - c. approximate weight.
3. Complete a Fishing Journal for each trip (whether you caught fish or not):
- a. rod and reel used
  - b. types of rig/bait/lures used
  - c. technique used
  - d. types of structure fished
  - e. other things you want to remember about this trip.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

## WILDLIFE

Note: Please read 4-H Project Exhibit Rules on page 71.

**For those members who are exhibiting both a display board and a stand-alone, they may copy their e-record. Each exhibit must have an e-record. Be sure to highlight what you are exhibiting in your e-Record.**

### WILDLIFE CONSERVATION—UNIT 1—The Worth of Wild Roots

Class **3201** The Worth of Wild Roots Unit 1 Jr.

Class **3202** The Worth of Wild Roots Unit 1 Int.

Class **3203** The Worth of Wild Roots Unit 1 Sr.

### WILDLIFE CONSERVATION—UNIT 2—Living Wild in an Ecosystem

Class **3204** Living Wild in an Ecosystem Unit 2 Jr.

Class **3205** Living Wild in an Ecosystem Unit 2 Int.

Class **3206** Living Wild in an Ecosystem Unit 2 Sr.

### WILDLIFE CONSERVATION—UNIT 3—Managing in a World with You and Me

Class **3207** Managing in a World Unit 3 Jr.

Class **3208** Managing in a World Unit 3 Int.

Class **3209** Managing in a World Unit 3 Sr.

### STAND-ALONE ITEMS (For all units)

Class **3210** Wildlife Stand-Alone Item Jr.

Class **3211** Wildlife Stand-Alone Item Int.

Class **3212** Wildlife Stand-Alone Item Sr.

All exhibits will consist of the following:

A. Completed Wildlife e-Record presented in a sturdy binder/notebook.

B. Include the following information on the Wildlife page. Show what you did and learned. Show evidence of your personal field experiences, study or observations.

C. A display board showing educational information about a topic of interest related to wildlife. **Follow the standardized display board size of 4 ft. x 3 ft.** No additional items may be included in front of the display board. Possible topics could include but are not limited to: species found in Colorado, wildlife habitats, role of

predators, types of bird feed, or urban wildlife challenges.

E. **OR**, instead of a display board, exhibit may be a stand-alone item, such as a wildlife diorama, scrapbook with wildlife information, pictures and news, a bird feeder or bath, or wildlife track molds. Display items should illustrate something learned in the project this year.

F. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).



## BEEKEEPING

Note: Please read 4-H Project Exhibit Rules on page 71.

### BEEKEEPING—UNIT 1

Class **2601** Beekeeping Unit 1 Jr.

Class **2602** Beekeeping Unit 1 Int.

Class **2603** Beekeeping Unit 1 Sr.

All exhibits will consist of the following:

- A. One sturdy binder/notebook that contains the completed Beekeeping Unit 1 e-Record.
- B. Exhibit one of the following topics on a display board:
1. Flowers used to make honey (display pressed flowers from 10 different Colorado plants that bees use for making honey)
  2. Uses of honey and beeswax, past and present
  3. Setting up a beehive
  4. Safe handling of bees
  5. History of beekeeping

The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of the display board.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

### BEEKEEPING—UNIT 2

Class **2604** Beekeeping Unit 2 Jr.

Class **2605** Beekeeping Unit 2 Int.

Class **2606** Beekeeping Unit 2 Sr.

All exhibits will consist of the following:

- A. One sturdy binder/notebook that contains the completed Beekeeping Units 2–4 e-Record.
- B. Exhibit one of the following:  
Working with honeybees (present a topic from your manual to teach about working with honeybees (example: Regional Differences of Beekeeping). Use your knowledge and creativity to display this information on a display board. The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of the display board.
- C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

## BEEKEEPING—UNIT 2 (STAND-ALONE EXHIBITS)

### EXTRACTED HONEY

Class **2607** Extracted Honey Unit 2 Jr.

Class **2608** Extracted Honey Unit 2 Int.

Class **2609** Extracted Honey Unit 2 Sr.

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2–4 e-Record.

B. Exhibit: Extracted honey shown in two eight-ounce glass jars (preferably a canning jar) with screw top lids. Both jars must be filled to the same level. Jars must be labeled on the bottom of the jar with name, county, class, where honey was extracted and date.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

### CHUNK HONEY

Class **2610** Chunk Honey Unit 2 Jr.

Class **2611** Chunk Honey Unit 2 Int.

Class **2612** Chunk Honey Unit 2 Sr.

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2–4 e-Record.

B. Exhibit: Chunk Honey in 2 one-pound glass jars (wide-mouth opening). Jars must be labeled on the bottom with name, county, class, where honey was taken and date.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

### CUT COMB HONEY

Class **2613** Cut Comb Honey Unit 2 Jr.

Class **2614** Cut Comb Honey Unit 2 Int.

Class **2615** Cut Comb Honey Unit 2 Sr.

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2–4 e-Record.

B. Exhibit: Cut Comb Honey placed in two 4 ½" x 4 ½" size boxes. Boxes must be labeled on the bottom with name, county, class, where honey was taken and date.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

### WOODEN WARE

Class 2616	Wooden Ware Unit 2	Jr.
Class 2617	Wooden Ware Unit 2	Int.
Class 2618	Wooden Ware Unit 2	Sr.

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2-4 e-Record.

B. Exhibit: Wooden Ware examples – toolbox, hive components, etc. Item must be labeled on the bottom or back of the display with name, county and class and description of item. Item must fit within a 3' x 3' x 7' space.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

### **BEEKEEPING—UNIT 3**

Class 2619	Beekeeping Unit 3	Jr.
Class 2620	Beekeeping Unit 3	Int.
Class 2621	Beekeeping Unit 3	Sr.

All exhibits will consist of the following:

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2–4 e-Record.

B. Exhibit: Prepare an education display board or notebook about honeybees or beekeeping (example topics: diseases, seasonal colony management, etc.). Use your knowledge and creativity to display this information on a display board. The standardized display board size of 4 ft. x 3 ft. is to be used with 4-H projects. No additional items may be included in front of display board.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and quality of the exhibit (75 percent).

### **BEEKEEPING—UNIT 3 (STAND-ALONE EXHIBITS)**

#### EXTRACTED HONEY

Class 2622	Extracted Honey Unit 3	Jr.
Class 2623	Extracted Honey Unit 3	Int.
Class 2624	Extracted Honey Unit 3	Sr.

Exhibit will consist of the following:

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2–4 e-Record.

B. Exhibit: Extracted Honey shown in two eight-ounce glass jars (preferably a canning jar) with screw top lids. Both jars must be filled to the same level. Jars must be labeled on the bottom of the jar with name, county, class, where honey was taken and date.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

#### CHUNK HONEY

Class 2625	Chunk Honey Unit 3	Jr.
Class 2626	Chunk Honey Unit 3	Int.
Class 2627	Chunk Honey Unit 3	Sr.

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2–4 e-Record.

B. Exhibit: Chunk Honey (comb in jar) – 2 one-pound jars glass jars (wide-mouth opening) shown as described in Beekeeping Unit 2. Jars must be labeled on the bottom with name, county, class, where honey was taken and date.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

#### CUT COMB HONEY

Class 2628	Cut Comb Honey Unit 3	Jr.
Class 2629	Cut Comb Honey Unit 3	Int.
Class 2630	Cut Comb Honey Unit 3	Sr.

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2–4 e-Record.

B. Exhibit: Cut-Comb Honey – 2-one-pound boxes. Boxes are usually 4 ½" x 4 ½" (shown as described in Beekeeping Unit 2). Boxes must be labeled with name, county, class, where honey was taken and date.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

#### COMB HONEY

Class 2631	Comb Honey Unit 3	Jr.
Class 2632	Comb Honey Unit 3	Int.
Class 2633	Comb Honey Unit 3	Sr.

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2–4 e-Record.

B. Exhibit: Comb Honey – 2 sections (honey built by bees in frames of wood commonly called "sections"). Boxes are usually 4 ½" x 4 ½" (shown as described in

Beekeeping Unit 2). Sections must be labeled with name, county, class, where taken and date.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

### **WOODEN WARE**

Class 2634 Wooden Ware Unit 3 Jr.

Class 2635 Wooden Ware Unit 3 Int.

Class 2636 Wooden Ware Unit 3 Sr.

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2–4 e-Record.

B. Exhibit: Wooden Ware examples – tool box, hive components, etc. Item must be labeled on the bottom or back with name, county, class, and description of item. Item must fit within a 3' x 3' x 7' space.

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).

### **ADVANCED BEEKEEPING—UNIT 4 (Must have at least 2 years of beekeeping project experience and have your own hives.)**

Class 2637 Advanced Beekeeping Unit 4 Int.

Class 2638 Advanced Beekeeping Unit 4 Sr.

All exhibits will consist of the following:

A. One sturdy binder/notebook that contains the completed Beekeeping Units 2–4 e-Record.

B. **A detailed notebook describing your project including your goals, plans, accomplishments and your evaluation of results. You may use pictures or any records you have kept that provides evidence of your accomplishments. This notebook is your main project exhibit and will count for 75 percent of the scoring. If an item was made as part of your project, a sample may be displayed as further evidence of the quality of your project. Display must not require over a 2' x 2' x 2' area or consist of more than three items. A label must be on the back of the notebook and if an additional item is displayed, put another label on the back or bottom of the item.**

C. Project will be evaluated on the quality of the information completed in the e-Record (25 percent) and the quality of the exhibit (75 percent).