

# ELLSWORTH COUNTY 4-H FAIR

Shoot for the Stars



Cover Design created by Josey Norris, Elkhorn 4-H Club

**JULY 17-21, 2023**

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## 4-H Schedule of Events

### Saturday, July 15

- 8:30 a.m. 4-H Dog Show
- 10:00 a.m. 4-H Pet Show
- 5:00 p.m. 4-H Horse Show

### Sunday, July 16

- 2:00 p.m. Fashion Revue Judging
- 5:00 p.m. Public Style Revue
- 6:30 p.m. Barn/Armory Clean up and Set up

### Monday, July 17

- 9:00 a.m. 4-H Visual Arts Judging
  - 4-H Photography Judging
  - 4-H Live Skills Judging Contest
- 1:00 p.m. Open Class Set up – all committees assist
- 6:00 p.m. 4-H livestock may be brought into barns
- 6:00 p.m. -8:00 p.m. Sheep, Meat Goat and Dairy Goat check in and weigh in
- 6:30 p.m. 4-H Poultry Check in
- 7:00-9:00 p.m. Check in Open Class Exhibits
- 11:00 p.m. Barn Curfew

### Tuesday, July 18

- 8:00 a.m. 4-H Superintendents check in exhibits- all divisions
- 8:00 – 9:30 a.m. Swine and Beef weigh in and check in
- 8:00 – 9:30 a.m. Check in Open Class Exhibits
- 9:00 a.m. 4-H Foods Judging
- 9:30 a.m. All 4-H exhibits to be in place  
(4-H Entomology and Foods exhibits can be brought at time of consultation judging)
- 10:00 a.m. Open Class Judging
- 10:00 a.m. 4-H Plant Science Judging
- 11:00 a.m. 4-H Food Preservation Judging
- 12:00 p.m. 4-H Fiber Arts Judging/Clothing Construction Judging
- 1:00 p.m. 4-H Woodworking, Forestry, Electric, Entomology, Notebooks, Project Exhibits,  
Home Environment, Banners, Geology, Rocketry, Architectural Block Construction  
Judging
- 2:00 p.m. 4-H/Open Class Ag Mechanics Judging
- 3:00 – 9:00 p.m. 4-H/Open Class Exhibits on display
- 4:00 p.m. Dairy Goat Show

5:00 p.m. – 4-H Food Sale  
5:30 p.m. 4-H Sheep, Goats, Shepherd's lead  
Conclusion 4-H Rocket Launch, Baseball Diamond  
11:00 p.m. Barn Curfew

### **Wednesday July, 19**

8:00 a.m. 4-H Swine Show  
8:00 a.m. -9:00 p.m. 4-H/Open Class Exhibits open to public  
10:30 a.m. 4-H Rabbit Show  
11:30 a.m. 4-H Poultry Show  
12:00 p.m. 4-H Silent Auction Intent to Sell Forms due  
5:00 p.m. 4-H Beef Show  
10:00 p.m. 4-H Livestock Premium Auction information due  
11:00 p.m. Barn Curfew

### **Thursday, July 20**

8:00 a.m. – 7:00 p.m. 4-H/Open Class Exhibits open to Public  
9:00 a.m. Open Class Tag Along Show  
10:00 a.m. Tag Along Shows (Goat, Sheep, Swine, and Bucket Calf)  
12:00 p.m. – 7:00 p.m. 4-H Silent Auction  
1:00 p.m. 4-H Livestock Judging Contest  
5:00 p.m. Community BBQ  
5:15 p.m. 4-H Round Robin  
7:00 p.m. 4-H Parade of Champions  
7:00 p.m. Release of 4-H/Open class exhibits from Armory  
8:00 p.m. 4-H Livestock Premium Auction  
8:00 p.m. Open Class Clean up

### **Sunday, July 23**

4:00 p.m. 4-H Clean up Fairgrounds

 **4-H GROWS HERE**

I pledge my HEAD to clearer thinking;  
my HEART to greater loyalty;  
my HANDS to larger service;  
and my HEALTH to better living for my  
club, my community, my country and my  
world.

## **4-H Key Committees and Staff**

### ***2023 MIDWAY DISTRICT GOVERNING BOARD***

Gunnar Hays, Chair

Gaylon Walter, Vice Chair

Julie Nienke, Secretary

Mark Sebesta, Treasurer

#### ***MEMBERS***

Jamie Malone

Jeff Ochampaugh

Marcia Blundon

Amy Westerman

### ***2023 ELLSWORTH COUNTY FAIR ASSOCIATION***

Brent Goss, President

Heath Ehrlich, Vice President

Tobina Norris, Secretary

Troy Soukup, Treasurer

#### ***MEMBERS***

Allan Brokes

Michelle Brokes

Sarah Goss

Pamela Hays

Lindsey Huseman

Sharla Huseman

Lucas Janzen

Katie Kueser

Chuck Norris

Judy Scritchfield

### ***2023 4-H PDC MEMBERS***

Sarah Goss

Kristin Haase

Katie Kueser

Julie Nienke

Stephanie Zamrzla

### ***2023 ELLSWORTH COUNTY 4-H COUNCIL***

Rebekah Vague, President

Trenton Hays, Vice President

Josey Norris, Secretary

Sam Thielen, Treasurer

#### ***MEMBERS***

Allan Brokes

Kerianne Ehrlich

Molly Ehrlich

Mary Ellerman

Sarah Goss

Pamela Hays

Katlyn Hlaus

Leah Howard

Katie Kueser

Janna Nelson

Josie Nelson

Tobina Norris

Ashlyn Schwerdtfeger

Gayla Short

Leah Womelsdorf

Brekyn Zier

Monica Zier

### ***MIDWAY EXTENSION DISTRICT STAFF***

Karrie Van Winkle, 4-H Youth Development

Jessica Kootz, Family and Consumer Science Agent

Clinton Laflin, Livestock Production Agent

Craig Dinkel, Crop Production and Horticulture Agent

Kari Maul, Office Professional

Kaitlin May, Office Professional

# 4-H Rules & Regulations

## 4-H GENERAL RULES

All entries are limited to 4-H boys and girls who are enrolled in 4-H projects in Ellsworth County. 4-H members must be at least seven years of age and not older than 18 as of January 1<sup>st</sup> of the current year.

4-H members must have been enrolled in a 4-H club project in which they exhibit by May 1, 2023. Exhibits must be the result of 4-H club projects since the last County Fair.

Any items not listed will be left to the discretion of the Agent in conjunction with the Fair Board. Premiums may be withheld on items not listed.

The Midway District Extension Council, the 4-H Council, and the Ellsworth County Fair Association will not be responsible for accidents. All possible care will be taken of exhibits, but the Council will in no way be responsible for any damage or loss sustained.

**CODE OF ETHICS: Believing it is in the best interest of all junior exhibitors to maintain a reputation of integrity and to present a wholesome image, The Ellsworth County Fair Association sets for the following regulation: 4-H members are expected to conduct themselves according to the highest standards of their organization. All participants are expected to act in a professional manner showing respect to judges, other exhibitors, staff and the public. Inappropriate conduct (drinking, stealing, vandalism and indiscreet behavior) WILL NOT BE TOLERATED. Any violation of this rule will be grounds for disqualifying the exhibitor and/or livestock involved and any premium money earned will be forfeited.**

**ALL reference to age means as of January 1<sup>st</sup> of the current year.**

Maximum age for exhibitors is eighteen (18) years old on January 1<sup>st</sup>.

**Junior Division (unless otherwise stated):**

4-H members 7, 8 and 9 years old on January 1<sup>st</sup>

**Intermediate Division (unless otherwise stated):**

4-H members 10, 11, 12 and 13 years old on January 1<sup>st</sup>

**Senior Division (unless otherwise stated):**

4-H members 14 years old or older on January 1<sup>st</sup>. Past champions are eligible.

***Pre-entry is required for all Divisions. ALL Pre-entry must be completed online via Ellsworth County Fair. Any entry turned in late will be assessed a late fee per entry AND the fee must be paid at the entry time. Late entries will be assessed as follows:***

## 4-H Rules & Regulations

<i>Before July 10: No Fee</i>	<i>July 11-Day before fair starts: \$10</i>	<i>Day fair starts-Day fair ends: \$25</i>
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*This is in place for all areas except for Fashion Revue, no late entries will be accepted for Fashion Revue. Exception to the Late Fee Penalty is if the 4-H member changes classes within a certain division for which they were already entered.*

**Intent To Sell Cards for the Livestock Premium Auction must be turned into the Fair Office by 10:00 p.m., Wednesday, July 19, 2023, if you intend to sell an item in the auction. All animals to be sold must meet minimum final weight requirements. Any 4-H'er selling livestock at the Ellsworth County Fair will have completed Youth Quality Care of Animals annual certification by July 1<sup>st</sup> of the current year via Midway District Extension Office on-site classes or online. This includes beef, sheep, goats, swine, rabbits, and poultry. If a certification is number is not on file prior to July 1 of the current year, exhibitors will not be able to participate in the Livestock Sale.**

**Intent to Sell cards for the Silent Auction (for static items only) must be turned into the Fair Office by 12:00 pm, Wednesday, July 19, if you intend to sell an item in the Silent Auction. 4-H'ers may only sell ONE item/animal in either the Livestock Premium Auction OR the Silent Auction. The Silent Auction is a terminal auction; the item you are auctioning will be given to the buyer.**

### **Entry Cards**

Entry cards may be picked up at the Ellsworth Armory on Monday, 8:00 a.m. to 2:00 p.m. and again on Tuesday from 8:00 a.m. to 10:00 a.m.

Entry cards must be attached to all exhibits in the Ellsworth Armory. There will not be any entry cards for livestock, horse, dog, poultry, rabbits and pet exhibits. Exhibitor should not make comments on the exhibit card about their project.

### **Ribbons and Judging**

Projects will be judged using the Danish System which is a method of evaluation where a 4-H exhibit or process is evaluated against a set of standards, and recognition is awarded on the degree to which the standard has been met by each 4-H member. The standards of excellence are often printed on a judge's scorecard, and allows for the 4-H exhibit to be judged on one's own merit, and not in comparison with others in the class.

## 4-H Rules & Regulations

The following ribbons apply:

WHITE: Fair, much improvement needed. Fails to meet minimum standards.

RED: Good, some improvements needed. Meets minimum standards.

BLUE: Excellent, minor improvements needed. Exceeds minimum standards.

PURPLE: Superior, outstanding on all standards.

**One ribbon placing will be docked if all project requirements are not met.**

Champion and Reserve Champion ribbons will be awarded to each project as long as all qualifications are met and the judge feels the quality to receive such a ribbon is exhibited. For breeding livestock, breed Champions will be designated.

Only champions or class winners are eligible for Overall Grand Champion. If the division only has one entry or one champion the judge will determine if the exhibit is worth Overall Grand Champion. After the selection of the Overall Grand Champion, the Reserve Champion or 2<sup>nd</sup> place winner in that division or class will compete for Overall Reserve Champion **with the exception of the Horse Project (see specific rules for Horse Showmanship Grand and Reserve Champion selection)**. No red ribbons will be considered for Overall Grand Champion. **All purple winners are eligible for State Fair if members and exhibits meet the State Fair guidelines.**

Only exhibits designated by the judge are eligible for the State Fair except all Blue ribbon livestock which are eligible with Extension Agent approval. 4-H members must meet age requirements to exhibit at State Fair.

*Classes marked with an asterisk (\*) are NOT eligible for Kansas State Fair Competition. Cloverbuds have their own Division - See page 11.*

### **Protests and Grievances**

Protests or grievances regarding fair operations or qualifications of eligibility of any competing person, animal, or object submitted for competition and showing in any class or event must be submitted in writing, signed, and accompanied by a \$50 deposit. The deposit is forfeited if the protest is overruled. The hearing committee will consist of Ellsworth County Fair Association Executive Board, Extension Agent and relevant Division superintendents. When the protest is either allowed or denied, the course of action shall be entered in writing and filed with the Association Secretary. The Ellsworth County Fair Association may waive above rules if, in their opinion, it is warranted.



## 4-H Rules & Regulations

Parents are encouraged to observe in the Conference Judging with the 4-H member. However, the parents are NOT to converse with the judge until the judging of their child's project is complete.

### **4-H General Livestock Rules**

Only those animals exhibited at the County Fair will be eligible for the Premium Sale.

**Any animal deemed "wild" will not be allowed to show. This will be determined by the Division Superintendent, Extension Agent, and Fair Board Chair.**

**All Exhibitors will be provided wood shavings for bedding in pens. Hosing of pens (for cleaning, watering or washing) will NOT be permitted. All washing of animals must occur in designated wash areas. Automatic waterers and misters will NOT be permitted. Fans will be provided in the area. Manure is to be removed and disposed of in the provided areas.**

Stall space, at the barn, will be assigned by the Beef, Dairy, Sheep, and Swine Committee.

All sick animals will be barred from the Fair. No health requirements other than those listed under Special Rules in each Division, except in the event of a sudden disease outbreak in the county.

**There is no minimum weight to show any livestock animal! There are sale minimum weights (see page 14).**

All 4-H members participating in the Livestock Premium Sale MUST have a YQCA certification number on file at the extension office prior to July 1 of the current year.

All animal exhibitors are eligible to enter the Showmanship Contest and will be **entered automatically**. Animals used in Showmanship must be entered in a regular 4-H Livestock class, with the exception of horse. Judging will be 50% on Fitting of the Animal and 50% on Presentation to and Consultation with the Judge.

Animals must be in stalls or pens except when showing, washing, or feeding. Beef exhibits must be tied out in the designated area at night.

Each exhibitor is responsible for the care and appearance of their animals and must furnish their own feed and equipment.

## 4-H Rules & Regulations

**Exhibitors must show their own animals except with permission from the Division Chairperson. The substitute show person must be an Ellsworth County 4-H member.**

**Showmanship Classes: 4-H member must show their own animal.**

Stall cards will be available for pickup at the Fair office.

Ear tags will not be released from the Extension Office.

**Kansas 4-H eID ear tags will be required for all livestock animals, except for registered breeding stock.** When animals lose their ear tag, they will be re-tagged by an Extension Agent and paperwork verifying the animal's new tag number will be sent to the State 4-H Office.

Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.

### GENERAL BARN RULES

1. **K-State Research and Extension, Midway District will not be organizing a barn sleep over, effective 2023.**
2. Curfew will be set at 11:00 p.m. unless returning with parents.
3. There will be NO sponsors, parents will be responsible.
4. Use of Alcohol/Tobacco/Controlled Substances during 4-H activities Using or possessing alcohol, tobacco, or any controlled substances not under physicians' prescription at any 4-H event by program participants is prohibited.
5. Violators will face disciplinary actions.
6. It is the right of Ellsworth County Fair Association/ Extension Staff to call parents if a child is unruly.
7. 4-H members without animals in the barn and Non-4-H members must be out of the barn by 11:00 p.m.

## 4-H Committees and Work Times

### *FOOD SALE, Tuesday, July 18 @ 5:00 p.m. Diane Krupp-Chair*

One member from each club is required to work the sale table.

### *CLUB CLEAN UP DUTIES*

TRYING TOMMIES	OUTSIDE BATHROOMS
ASH CREEK	INSIDE BATHROOMS
WILSON WINNERS	TRASH CANS
ELKHORN	BLEACHERS/SHOW ARENA
COUNTY LINERS	TRASH IN ARMORY

### *ARMORY DOOR MONITORS, Thursday, July 20*

Wilson Winners 9 a.m. – 10:30 a.m.

Ash Creek 10:30 a.m. - 12 p.m.

County Liners 12 p.m. – 1:30 p.m.

Elkhorn 1:30 p.m. – 3 p.m.

Trying Tommies 3 p.m. – 5 p.m.

## Midway-Ellsworth 4-H Cloverbud Program

This program is set up for youth ages 5-6 to join in 4-H activities before officially becoming a member.

Cloverbuds will be allowed to exhibit a maximum of four fair entries. They may NOT enter in ANY animal divisions, with the exception of the pet show. See Tag-Along Livestock in open class for animal entries they can enter (pg. 28).

The program is strictly non-competitive. All county fair exhibits will be conference judged with each Cloverbud participant receiving a participation ribbon. No premiums will be paid.

No project items can be sold at the livestock auction or silent auction.

Cloverbuds may participate in the barn sleepover, but must have a parent serving as their chaperone. Cloverbuds will follow all other barn sleepover rules.

# 4-H JUDGING CONTESTS

## 4-H Judging Contests

### *4-H LIVESTOCK JUDGING CONTEST, Thursday, July 20 at 1 p.m.*

#### COMMITTEE

Brent Goss\*

Karl Dawn Hobbs-Stover

1. Arrive at fairgrounds and sign-in before 12:45 p.m.
2. Open to all current 4-H members.
3. Contestants will judge four classes of livestock.
4. Livestock classes may include: beef cattle, sheep, hogs or goats. Classes will consist of either breeding or market livestock. Data may be included on a breeding class.
5. Age divisions as of January 1<sup>st</sup>:  
**Senior:** 14-19 years old (one set of reasons and one set of questions)  
**Intermediate:** 10-13 years old (one set of reasons)  
**Junior:** 9 years old and under (one set of questions)
6. An official will put official placings and cuts on classes. Reasons will be taken by either the official or contest supervisors.
7. Awards will be given in each age division. Cash prize to the top individual giving reasons in the senior and intermediate age divisions.

### *LIFE SKILLS JUDGING CONTEST, Monday, July 17 at 9:00 a.m.*

1. Sign in anytime before, during, or after visual arts and photography judging.
2. Open to all current 4-H members
3. Contestants will judge a variety of life skills.
4. Classes may include: foods, nutrition, presentation, leadership, etc.
5. Age divisions as of January 1<sup>st</sup>:  
**Senior:** 14-19 years old  
**Intermediate:** 10-13 years old  
**Junior:** 7-9 years old
6. Awards will be given in each age division.

## 4-H Herdsmanship Contest

1. Each club with 4-H members enrolled in livestock projects will compete for herdsmanship.
2. Judges will be chosen to score herdsmanship.
3. Consideration will be given to the general appearance, sanitation, neatness, and club's name above exhibits.
4. 4-H members are to do the herdsmanship. 4-H leaders and parents cannot help on herdsmanship during the fair.
5. Judging will be on the following basis:
  - A. Cleanliness: Alley, Stalls, Pens, Tie Outs **50 pts.**
    - i. Bedding adequate, bright, dry, clean and in place
    - ii. Manure hauled out, deposited in designated place
    - iii. Alleys kept clean, free of bedding
  - B. Appearance of Animals **25 pts.**
    - i. Animals clean and brushed
    - ii. Animals securely tied or penned (beef and dairy with 18-20" of lead)
    - iii. Animals in stalls or pens between 9:00 a.m. and 9:00 p.m. except when showing or washing
  - C. Arrangement of Exhibit **25 pts.**
    - i. Exhibits lined up in attractive manner
    - ii. Big, objectionable boxes out of way
    - iii. Hay and bedding neat and orderly
    - iv. Feed boxes and gear neat and orderly
    - v. Stall cards:
      1. Ear tag on card
      2. Readable from alley
      3. Neatly arranged
      4. Clean and complete
    - vi. Attendants
      1. Courtesy of attendants and others in area
      2. Presence of one club exhibitor (during rush hours)
6. Attendants neat and clean.
7. The show ring is for show purposes only. Any exhibitor feeding or grooming in these areas will be scored down.
8. A herdsman Trophy will be awarded to the 4-H Club whose animal exhibit area is judged the best in neatness and appearance.

# 4-H LIVESTOCK /SMALL ANIMALS

## 4-H Livestock Premium Sale

### *PREMIUM SALE*

**\*\*\*THE ELLSWORTH COUNTY FAIR ASSOCIATION (ECFA) MANAGES THE LIVESTOCK PREMIUM SALE.**

**\*\* PLEASE REFER TO PAGE 31 FOR STATIC SILENT AUCTION RULES. FOOD, FOOD PRESERVATION, AND HORTICULTURE ITEMS WILL BE SOLD IN THE SILENT AUCTION.**

### *Special Rules:*

**INTENT TO SELL CARDS MUST BE TURNED INTO THE FAIR OFFICE by 10:00 p.m., Wednesday, July 19, 2023, if you intend to sell an item in the auction.**

1. Show order will be Grand Champion, Reserve Champion, blue ribbon by drawing, and red ribbon by drawing.
2. 4-H members may sell only one item at the Livestock Auction **OR** one item in the Silent Auction.
3. Only one item may be sold at the Livestock Auction, including poultry, rabbit, hog, market beef, market goat, or lamb.
4. Only animals designated by the committee will be sold.
5. Each club may sell one promotional item. (ex: basket, cookie jar, photo)
6. Any 4-H'er selling livestock at the Ellsworth County Fair will have completed Youth Quality Care of Animals annual certification by July 1<sup>st</sup> of the current year via Midway District Extension Office on-site classes or online. This includes beef, sheep, goats, swine, rabbits, and poultry. If a certification is not on file prior to July 1 of the current year, exhibitors will not be able to participate in the Livestock Sale.
7. Selling weight of **ALL** market beef will be the entry weight less 3% shrinkage.
8. Hogs and sheep will be weighed the first day of the fair. Selling weight of sheep and swine will be entry weight less 2% shrinkage.
9. To be sold:
  - market lamb-minimum of **90** pounds final weight.
  - market pig-minimum of **190** pounds final weight.
  - market beef-minimum of **1000** pounds final weight.
  - 2<sup>nd</sup> year bucket calf-minimum of **800** pounds final weight.
  - meat goats-minimum of **60** pounds final weight.
10. Dairy animals are not eligible for the Premium Auction as they are not market animals.

## 4-H Livestock Premium Sale

11. The ECFA Sale Committee has final decision on methods of obtaining and awarding the floor bid, establishing the sale order, securing the auctioneer, ring man and clerks.
12. Exhibitors must be present in order to sell in the premium auction.
13. Animals sold through the sale are ineligible for other 4-H competitions. All 4-H'ers who wish to take their animals to the State Fair or other later shows are not allowed to put the animal through this sale.
14. There will be a 2% commission taken on all items sold through the premium sale. This will be figured on sale amount and any dollars added to each seller after the auction.
15. Late entries for the auction will be accepted until 10 a.m. on Thursday, July 20 with a required late fee of \$20.
16. Buyer ribbons will be available at the Extension Office for sellers to pick up and provide to their purchasers with a Thank You note.

## 4-H Round Robin

### ***ROUND ROBIN COMMITTEE***

Karl Dawn Stover\*

Kara Hays

### ***Special Rules:***

1. Horse, dairy, meat goats, beef, sheep and swine are invited to compete in Round Robin.
2. The Grand Champion Showman of each species is eligible to show for the overall showman.
3. If for any reason, the Grand Champion from any species cannot or wishes not to show for the overall showman, the Reserve Grand Champion from that species will take his/her place.
4. In the event that a showman is selected as Grand Champion from multiple species, the individual has the right to choose which species they will represent in the Round Robin. The Reserve Grand Champion from the species not chosen by the individual will be eligible to participate in the Round Robin.
5. An informational contestant meeting will be held prior to the start of the Round Robin.
6. Contestants will be given a back tag/number to wear as a means of identification throughout the competition.
7. Species will be shown in a random order determined by draw.
8. Prior to the start of the Round Robin, one species will be drawn at random and placed in a sealed envelope. The envelope will be opened in the event of a tie where the placing of the species inside the envelope will determine the Grand and Reserve Grand Champion overall showman.

## 4-H Round Robin

- Adult Superintendents from each species will select animals to be used for the Round Robin. Selected animals do not have to be fit prior to the Round Robin, but should be free of any sawdust, manure, etc. before entering the arena. Selected animals will come show ready with leads, halters, show sticks, etc.
- Each contestant will draw a number at random to select an animal to show immediately upon entering the show ring. No family animal may be shown by siblings unless no other animals are available.
- Any substitution of animals for the competition due to any reason will be made at the discretion of the species superintendent and the at large fair board members.
- Youth will compete in one age division.
- Each species will show one at a time with all contestants and animals in that species in the ring at the same time. If too few animals of a given species exist, the exhibitors will show the selected animals in waves.
- The judge will rank the contestants within each species. The contestant with the lowest combined ranking will be the Grand Champion.

### Division A – 4-H Beef

#### ***BEEF COMMITTEE***

Delane Janssen*	Chuck Norrs*	Allan Brokes*
Cade Brokes	Lane Brokes	Clayton Huseman
Tucker Huseman	Case Janssen	Pate Janssen
Wade Janssen	Garrett Short	

#### ***Special Rules:***

***Intent To Sell cards must be turned into the Fair Office by 10:00 p.m., Wednesday, July 19, 2023, if you intend to sell an item in the auction.***

- See Livestock General Rules.
- There is no minimum weight to show any livestock animal. See class rules for minimum weights to sell in the premium auction.
- If necessary, steers will be divided by weights within the breed.
- Sick animals will be barred from the show.
- A cow/calf pair cannot be split into separate classes. They must either show together or separate NOT both.
- All market beef and commercial heifers must be in the possession of the 4-H member by Beef Weigh-In date (typically early March) of the current Year.
- Registered heifer Registration papers must show possession by June 15.
- Registered heifers must have a copy of registration papers on file at the Extension Office by July 1.



## Division A – 4-H Beef

9. An exhibitor may show a maximum of six head total (can be any combination of market steers and breeding heifers).
10. 4-H members exhibiting a first year bucket calf cannot enter in any other bovine class with the exception of 2<sup>nd</sup> year bucket calf. A 4-H member **ONLY** entering a second-year bucket calf may enter other bovine classes.
11. All water troughs, tubs, containers, etc. will not be allowed in the tie area of all beef animals, including bucket calves.
12. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.

### **Bucket Calf Project**

#### ***Special Rules:***

1. Calves must have been weaned prior to the fair.
2. Each calf must be broke to lead.
3. Judging will be based on: 50% Consultation with Fair Judge; 50% Showmanship.
4. Calves must stay at the fair until all exhibits are released.
5. Bucket calves should be properly groomed.
6. Calves must be born between January 1<sup>st</sup> and weigh-in of the current year.
7. Bucket calves weigh-in at small animal weigh in or a tagging request needs to be turned in to the extension office by the deadline.

**1015 Bucket Calf** 4-H members 7-9 years old by January 1<sup>st</sup>

**1016 Bucket Calf** 4-H members 10-12 years old by January 1<sup>st</sup>

### **Second Year Bucket Calf**

#### ***Special Rules:***

1. Open to all 4-H members that participated in the bucket calf project the previous year.
2. Second year bucket calf must have been owned by 4-H member/family and must have been exhibited as a “4-H” exhibit prior to being exhibited as a second year bucket calf.
3. There will be two divisions: Market Animal and Breeding Heifer with a champion in each division.
4. No minimum weight for an animal to be shown. However, there is an **800** pound minimum final weight limit for the sale.
5. Placing will be based on 50% knowledge of the project and 50% physical appearance and showmanship.

## Division A – 4-H Beef

**1017 Market 2<sup>nd</sup> Yr Bucket Calf** 2nd Year Bucket Calf (Market)

**1018 Breeding 2<sup>nd</sup> Yr Bucket Calf** 2nd Year Bucket Calf (Breeding)

### Breeding Beef:

#### *Special Rules:*

1. Registered Heifers show according to breed.
2. Breeds will be shown in alphabetical order with commercial being shown last.
3. Only Breed Champions & Reserve Champions will be able to compete for overall Supreme & Reserve Supreme Breeding Beef.

**1001 Angus**

**1002 Gelbvieh**

**1003 AOB**

**1004 Maine Anju**

**1005 Shorthorn**

**1009 Charlais**

**1010 Hereford**

**1011 Simmental**

**1012 Limousin**

**1013 Red Angus**

**1019 Commercial**

**1000 Cow-Calf Pair**

### Market Steers & Heifers

Weight classes are determined at weigh-in by Division Chair and Committee.

#### *Special Rules:*

1. No minimum weight for an animal to be shown. However, there is a **1000** pound minimum final weight limit for the sale.
2. Champion and Reserve Champion will be designated for each weight division.
3. Any steer/heifer receiving a white ribbon cannot be sold at the auction.

**1006 Market Beef-Steer** Market Steer

**1007 Market Beef-Heifer** Market Heifer

### Beef Showmanship

#### *Special Rules:*

1. Bucket calves will not be allowed to compete in showmanship contests.

**Senior** Beef Showmanship (14 yrs. and up)

**Intermediate** Beef Showmanship (10-13 yrs.)

**Junior** Beef Showmanship (7-9 yrs.)

## Division A – 4-H Beef

### 1014 Beef Rate of Gain Contest

The only requirement to participate in this contest is to have your market animal officially weighed and ear tagged at official weigh-in date and exhibit him at the county 4-H Fair. **The final weight of the steer will be the entry weight at the Fair minus 2% shrinkage.** To be entered into the contest, you must attend Spring Beef weigh in.

## Division B – 4-H Dairy Cattle & Dairy Goats

### *DAIRY CATTLE AND DAIRY GOATS COMMITTEE*

Heather Vaughan-Meier      Kirsten Meier                      Mikhail Meier  
Skylar Vaughan-Meier

### *Dairy Cattle Special Rules:*

1. See General Livestock Rules.
2. An exhibitor is limited to a total of six entries.
3. Cows in lactation may be taken home after the Dairy Show.
4. Exhibitors must own and have in their possession the animals by May 1<sup>st</sup> of the current year.
  - A. Holstein
  - B. Jersey
  - C. Milking Shorthorn
  - D. All Other Breeds
5. Registered animals - registration papers must show possession by June 15. Registered animals must have a copy of registration papers on file at the Extension Office by July 1.

### Dairy Cattle

**1096 Heifer** Heifer calves dropped after September 1, of previous year.

**1097 Yearling Heifer** Yearling heifers dropped between September 1 of two year previous and previous year.

**1098 Heifer/Cow** Heifers or cows dropped before August 31<sup>st</sup> of two years previous

**1099 Cow/Calf** Cow/Calf pair

### Dairy Cattle Showmanship

**Senior** Dairy Cattle Showmanship (14 yrs. and up)

**Intermediate** Dairy Cattle Showmanship (10-13 yrs.)

**Junior** Dairy Cattle Showmanship (7-9 yrs.)

## Division B – 4-H Dairy Cattle & Dairy Goats

### *Dairy Goat Special Rules:*

1. Entries will be placed in classes by age with the day of judging being the base date.
2. No health certificate is required. Animals must be free of abscesses and otherwise healthy. All goats are subject to inspection by a veterinarian.
3. An exhibitor is limited to a total of six entries. Only does are allowed to show.
4. All goats must be owned by, in possession of the exhibitor, and tagged by May 1<sup>st</sup> of the current year.
5. Registered animals - registration papers must show possession by June 15. Registered animals must have a copy of registration papers on file at the Extension Office by July 1.
6. Dairy goats do not participate in the Livestock Premium auction as they are not market animals.
7. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.

### Dairy Goats

- 2191 Junior Doe** Doeling up to four months of age.  
**2192 Junior Doe** Doeling four thru seven months of age.  
**2193 Junior Doe** Doe eight thru 11 months of age.  
**2194 Dry Doe** Doe 12 months and under 24 months.  
**2195 Milking Doe** Doe under 24 months of age  
(any age in milk or previously freshened)  
**2196 Senior Doe** Doe 24 months and older  
(any age in milk or previously freshened)

### Dairy Goats Showmanship

**Dairy Goat Showmanship** Dairy Goats Showmanship (all ages)

## Division C – 4-H Dog Show

### *DOG SHOW COMMITTEE*

Julie Nienke\*

Teagon Nienke

Anna Thielen

Kelly Thielen

### *Special Rules:*

1. Dogs are to be brought to the Ellsworth Armory for the show only.
2. Proof of current rabies and parvo vaccination signed by a licensed veterinarian must be presented to the Superintendent before the show to be able to compete.
3. Any abuse of dogs on grounds or in the ring will result in disqualification.
4. No dog in season will be allowed to show in either Showmanship or Obedience.
5. Choke chain, soft training collar, and leather web leads are to be used for Obedience.
6. Once a 4-H member scores 170 points or greater with the same dog under two different judges, the member must advance to the next obedience level at the start of the next 4-H year. At any time that the leader, parent and member agree that the 4-H member and dog are ready to move to the next level, they may, but once that is done, they cannot regress back to a lower level.
7. Any dog fouling the ring will be an automatic white ribbon.
8. Baiting dogs is not allowed.
9. Arm bands will be issued at check-in prior to the show and will be worn on the left arm of the exhibitor.
10. 4-H members 9 years and older, who have met county qualifications with a qualifying score of at least 170 points for Obedience, or State Fair blue in Showmanship can compete in the State Fair 4-H Dog Show.
11. Dogs participating in all dog classes cannot be entered in the Pets Division.
12. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.

### Dog Obedience

**3610A Pre Novice A - Obedience:** For handler's first year or dog's first year.

**3610B Pre Novice B - Obedience:** For experienced 4-H members and experienced dog. Experienced means the 4-H member has shown a dog, or the dog has been shown previously.

**3610 Novice:** For 4-H members with a dog qualified in Pre Novice A or B

**3615 Graduate Novice:** For 4-H members who have qualified in Novice the previous year.

## Division C – 4-H Dog Show

**3620 Open A - Obedience:** For 4-H members with a dog qualified in Graduate Novice.

**3625 Open B - Obedience:** For 4-H members with a dog that qualified in Open A.

### Dog Showmanship

- 3600A Junior** Dog Showmanship (7-8 years old – not eligible for KSF)  
**3600 Junior** Dog Showmanship (9-11 years old)  
**3602 Intermediate** Dog Showmanship (12-14 years old)  
**3605 Senior** Dog Showmanship (15 years and older)

## Division D – 4-H Horse & Horsemanship

### *HORSE & HORSEMANSHIP COMMITTEE*

Abby Janssen\*

Karli Haase

Kristin Haase

Nicole Haase

Clayton Huseman

Tucker Huseman

### Horse Showmanship

#### *Special Rules*

1. See General Livestock Rules.
2. Horses that are injured or lame cannot be shown.
3. Horses will be brought in only the day of the judging.
4. The age of the colt is determined as of January 1<sup>st</sup> in the year it is born.
5. Stallions may be exhibited only in the weanling halter classes.
6. All horses entered in the fair must have a “4-H Horse Identification Certificate” completed and in the County Extension Office by May 1<sup>st</sup> of current year.
7. Age divisions can be found in the General Rules. Novice is an inexperienced rider with less than one year enrolled in the horse project.
8. All Kansas 4-H Horse Show Rule Book rules apply.
9. Grand Champion and Reserve Champion will be selected by a process determined by the Horse Showmanship Judge. This may include utilization of a new pattern and all eligible participants evaluated together.
10. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.

## Division D – 4-H Horse & Horsemanship

<b>Senior</b>	Horse Showmanship (14 yrs. and up)
<b>Intermediate</b>	Horse Showmanship (10-13 yrs.)
<b>Junior</b>	Horse Showmanship (7-9 yrs.)

### 3016 Halter Classes

Halter classes will be held according to age and sex. Exhibitors must indicate this information on entry card.

<b>Filly</b>	Filly (Weanling)
<b>Filly</b>	Filly (Yearling)
<b>Filly or Mare</b>	Filly or Mare (2 year old)
<b>Filly or Mare</b>	Filly or Mare (3 year old)
<b>Filly or Mare</b>	Filly or Mare (4 year old & older)
<b>Gelding</b>	Gelding (Weanling)
<b>Gelding</b>	Gelding (Yearling)
<b>Gelding</b>	Gelding (2 year old)
<b>Gelding</b>	Gelding (3 year old)
<b>Gelding</b>	Gelding (4 year old & older)
<b>Stallion</b>	Stallion (Weanling)

### 3018 English Division

<b>English</b>	4-H English Pleasure, Sr. Division (horse judged)
<b>English</b>	4-H English Pleasure, Int. Division (horse judged)
<b>English</b>	4-H English Pleasure, Jr. Division (horse judged)
<b>English</b>	4-H English Pleasure, Novice Division (horse judged)
<b>English</b>	4-H English Equitation, Sr. Division (rider judged)
<b>English</b>	4-H English Equitation, Int. Division (rider judged)
<b>English</b>	4-H English Equitation, Jr. Division (rider judged)
<b>English</b>	4-H English Equitation, Novice Division (rider judged)

### 3017 Western Division

<b>Western</b>	4-H Western Horsemanship, Sr. Division (rider judged)
<b>Western</b>	4-H Western Horsemanship, Int. Division (rider judged)
<b>Western</b>	4-H Western Horsemanship, Jr. Division (rider judged)
<b>Western</b>	4-H Western Horsemanship, Novice Division (rider judged)
<b>Western</b>	4-H Pleasure, Sr. Division (horse judged)
<b>Western</b>	4-H Pleasure, Int. Division (horse judged)
<b>Western</b>	4-H Pleasure, Jr. Division (horse judged)
<b>Western</b>	4-H Pleasure, (two handed, 2 year old snaffle bit)
<b>Western</b>	4-H Pleasure, Novice Division (horse judged)
<b>Western</b>	4-H Pleasure Pairs
<b>Western</b>	4-H Ranch Rail, Sr. Division
<b>Western</b>	4-H Ranch Rail, Int. Division
<b>Western</b>	4-H Ranch Rail, Jr. Division

## Division D – 4-H Horse & Horsemanship

Western	4-H Working Ranch, Sr. Division
Western	4-H Working Ranch, Int. Division
Western	4-H Working Ranch, Jr. Division
Western	4-H Working Ranch, Novice Division
Western	4-H Reining Sr. Division
Western	4-H Reining, Int. Division
Western	4-H Reining, Jr. Division
Western	4-H Reining, Novice Division
Western	4-H Trail Class
Western	4-H Trail Class, Novice Division

### Timed Events

3037 Timed – Pole Bending	Pole Bending, Sr. Division
3037 Timed – Pole Bending	Pole Bending, Int. Division
3037 Timed – Pole Bending	Pole Bending, Jr. Division
3038 Timed – Barrel Racing	Barrel Racing, Sr. Division
3038 Timed – Barrel Racing	Barrel Racing, Int. Division
3038 Timed – Barrel Racing	Barrel Racing, Jr. Division
3039 Timed – Flag Racing	Flag Racing, Sr. Division
3039 Timed – Flag Racing	Flag Racing, Int. Division
3039 Timed – Flag Racing	Flag Racing, Jr. Division

## Division E – 4-H Meat Goats

### *MEAT GOATS COMMITTEE*

Sarah Goss\*

Noah Goss

Paula Gray

Pierce Gray

### *Special Rules:*

*Intent To Sell cards must be turned into the Fair Office by 10:00 p.m.*

*Wednesday, July 19, 2023, if you intend to sell an item in the auction.*

1. See General Livestock Rules.

2. There is no minimum weight to show any livestock animal. Animal must weigh a minimum of **60** pounds final weight in order to sell and can be any breed or combination of goat breeds. No maximum weight.

3. Identification: All meat goats must be tagged with an official 4-H tag. This must be done at weigh in or by submitting a tagging request to the extension office by the deadline.

4. Bracing: Goats must be shown with all four feet on the ground. Exhibitors may use a collar, a collar with a short lead, or a halter when showing. Medium (3mm or smaller) pinch collars will be allowed.

5. Teeth: All wethers must have baby teeth in place with no visible signs of permanent teeth. The decision of the mouther is final.



## Division E – 4-H Meat Goats

6. Shearing: At the time of check-in, all market meat goats must be “slick shorn” with uniform hair length not to exceed 3/8” from the knee and hock joints up before arrival on the grounds.
7. Horns: Wethers are suggested to be dehorned. However, if horns are left they should be tipped and rounded.
8. Market goats will be shown by weights in weight divisions if entries require.
9. Doelings and wethers are allowed to show in the Market Meat Goat Show.
10. An exhibitor is limited to a total of six entries.
11. No registration papers are required, except for the registered class.  
Registered animals - registration papers must show possession by June 15.  
Registered animals must have a copy of registration papers on file at the Extension Office by July 1.
12. Communicable Disease/Club Lamb Fungus – All goats will be visually inspected by a veterinarian for sore mouth, infectious skin lesions (ringworm) and general health. This will be done as you check in your goat. All blankets must be completely removed from all goats at check-in. Any goat found to be infected with active fungal lesions, or other health problems, must be removed from the premises. Any goat may be required to undergo a second health inspection at the Superintendent’s request.
14. All goats must have a scrapies tag present in their ear before they may be exhibited at the fair.
15. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.

### Meat Goats

**1035 Meat Goat** Meat goats

### Breeding Goats

**1036 Breeding Meat Goat** Boer Goats

**1037 Breeding Meat Goat** All Other Breeds

### Registered Goats

**1038 Registered Goats**

### Meat Goats Showmanship

**Senior** Meat Goats Showmanship (14 yrs. and up)

**Intermediate** Meat Goats Showmanship (10-13 yrs.)

**Junior** Meat Goats Showmanship (7-9 years old)

## Division E – 4-H Meat Goats

### 1041 Meat Goat Rate of Gain Contest

The only requirement to participate in this contest is to have your meat goat officially weighed and ear tagged at the start of the feeding period and exhibit them at the County 4-H Fair. **The final weight of the meat goat will be the entry weight at the 4-H Fair minus 2%.** To be entered into the contest, you must attend small animal weigh-in.

## Division F – 4-H Pets

### *PET COMMITTEE*

Julie Nienke\*  
Kelly Thielen

Teagon Nienke

Anna Thielen

### *Special Rules:*

1. **Dogs and Cats three months of age and older must have proof of current rabies vaccination and any other age appropriate vaccines.**
2. Pets should be taken home right after judging.
3. Only one entry per class.
4. Kittens and puppies must be six months or younger to show in the Kitten or Puppy class.
5. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.

### Pet

- 3650 Kitten
- 3651 Cat
- 3652 Puppy
- 3653 Dog
- 3654 Other

## Division G – 4-H Poultry

### *POULTRY COMMITTEE*

Pamela Hays\*

### *Special Rules:*

*Intent To Sell cards must be turned into the Fair Office by 10:00 p.m., Wednesday, July 19, 2023, if you intend to sell an item in the auction.*

## Division G – 4-H Poultry

1. Not more than two pens of poultry may be shown in any one class.
2. All poultry must be free of external parasites.
3. Exhibitors must care for their poultry at the Fair. Failure to do so will be sufficient reason to withhold premiums and ribbons.
4. All poultry, except waterfowl (ducks & geese), must have a current pullorum-typhoid test and be banded at time of entry to be exhibited. (Pullorum testing and banding are done at check in).
5. All poultry must be owned and in the possession of the Exhibitor by May 1<sup>st</sup> of the current year.
6. An exhibitor is eligible to sell one bird at the Livestock Auction if Champion or Reserve Champion is received.
7. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.

### Poultry

- 3201 Standard Lg Fowl** Standard Breeds-Large Fowl-One young bird of either sex.
- 3202 Standard Lg Fowl** Standard Breeds-Large Fowl-One old bird of either sex.
- 3203 Standard Bantam** Standard Breeds-Bantams-One young bird of either sex.
- 3204 Standard Bantam** Standard Breeds-Bantams-One old bird of either sex.
- 3205 Production Pen** Production Pullets-Pen-three standard bred, crossbred or strain cross pullets to be judged on potential egg laying ability.
- 3206 Production Pen** Production Hens-Pen-three standard bred, crossbred or strain cross hens to be judged on egg production qualities only.
- 3207 Dual Pen** Dual Purpose Pullets-Pen-three such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.
- 3208 Dual Pen** Dual purpose hens-Pen-three such as Rhode Island Reds, New Hampshire, Plymouth Rocks, etc.
- 3215 Meat Pen** Meat-type Chickens-Pen-three standard bred, crossbred or strain cross birds of the same sex to be judged on meat production qualities only.
- 3209 Turkeys** Turkeys-All breeds-one bird of either sex.
- 3211 Ducks** Ducks-All breeds-one bird of either sex.
- 3212 Geese** Geese-All breeds-one bird of either sex.

## Division H – 4-H Rabbits

### *RABBITS COMMITTEE*

Lindsey Habiger\*  
Mikhail Meier

Heather Vaughan-Meier  
Skylar Vaughan-Meier

Kristen Meier

### *Special Rules:*

*Intent To Sell cards must be turned into the Fair Office by 10:00 p.m. Wednesday, July 19, 2023, if you intend to sell an item in the auction.*

1. Exhibitor must care for their animals at the Fair. Failure to do so will be sufficient reason to withhold premiums and ribbons. **All rabbits must be free of lice and other parasites.**
2. Each exhibitor is eligible to sell one rabbit at the Livestock Auction, if you received Champion or Reserve Champion. A substitute Meat Class can be taken to State Fair if equal quality.
3. Each exhibitor may bring NO more than 18 different rabbits with TWO entries per class, per variety, per breed and one meat class.
4. **4-H member must be present when their rabbit(s) is judged.** A Champion and Reserve Champion of each breed will be selected if the judge so desires, and ONE Grand and Reserve Grand Overall of the Purebred and Crossbreeds champions/reserves.
5. All rabbits will be divided into classes by ages and judged according to their breed standard as listed in the ARBA “Standard of Perfection”.
6. Open to any American Rabbit Breeders Association recognized breeds and crossbreeds.
7. All rabbits must be owned and in the possession of the 4-H member by May 1<sup>st</sup> of the current year.
8. Crossbred rabbits will not be eligible for State Fair. They need to be entered in the Crossbred class and will be judged separately regardless of age or sex of rabbit.
9. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.

### Rabbits

<b>3405 Junior Doe</b>	Junior Doe (under six months of age.)
<b>3403 Intermediate Doe</b>	Doe (six to eight months of age.)
<b>3401 Senior Doe</b>	Senior Doe (eight months of age or older.)
<b>3404 Junior Buck</b>	Junior Buck (under six months of age.)
<b>3402 Intermediate Buck</b>	Buck (six to eight months of age.)
<b>3400 Senior Buck</b>	Senior Buck (eight months of age or older.)

## Division H – 4-H Rabbits

### 3420 Meat Pen

Meat Class (three rabbits-all one recognized breed, including cross-bred, maximum weight five pounds and maximum age 70 day each.)

### 3421 Crossbreed

Crossbreed Rabbit

### Rabbits Showmanship

**3461 Senior** Rabbits Showmanship (age 14 & up)

**3462 Intermediate** Rabbits Showmanship (age 10-13)

**3463 Junior** Rabbits Showmanship (age 7-9)

## Division I – 4-H Sheep

### *SHEEP COMMITTEE*

Sarah Goss\*

Leah Howard

Lane Howard

### *Special Rules:*

*Intent To Sell Cards must be turned into the Fair Office by 10:00 p.m., Wednesday, July 19, 2023, if you intend to sell an item in the auction.*

1. See General Livestock Rules.
2. There is no minimum weight to show any livestock animal. Animal must weigh a minimum of **90** pounds final weight in order to sell. No white ribbon lambs will be sold at the auction.
3. Market lambs must be wethers or ewes. Ram lambs or cryptorchids cannot show.
4. Animals must be owned by club member and ear tagged by weigh-in or by submitting a tagging request to the extension office by the deadline.
5. Both registered purebred and crossbred females are eligible for the breeding classes.
6. Market lambs must be slick shorn with uniform wool length not to exceed .20 inch from knee and hock joints up at time of arrival. No artificial coloring will be allowed on the lamb except on the hooves.
7. Animals must be checked in and checked for club-lamb fungus before being allowed in the barn.
8. All sheep must have scrapies tag present before they may be exhibited at the fair.
9. An exhibitor is limited to a total of six entries (can be any combination of breeding ewes and market lambs.)

## **Division I – 4-H Sheep**

10. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.

### **1029 Breeding Ewe Lamb**

### **1030 Yearling Ewes**

### **1031 Market Lamb**

Weight classes are determined at weigh-in by Division Chair and Committee.

### **Sheep Showmanship**

<b>Senior</b>	Sheep Showmanship (14 yrs. and up)
<b>Intermediate</b>	Sheep Showmanship (10-13 yrs.)
<b>Junior</b>	Sheep Showmanship (7-9 yrs.)

### **Shepherd's Lead Contest**

Sarah Goss - Chair

The objectives of these classes are to present sheep in the most attractive manner, to improve the image of sheep and to give spectators an opportunity to view well-groomed sheep shown at halter by attractively dressed contestants wearing wool garments. Entrants may purchase or construct their own garments which should consist of at least 60% wool-exclusive of accessories. Judging will be based on the attractiveness and suitability of the garment to the contestant, the contestant's artistry, and appearance and the contestant's ability to control and present sheep at halter. The sheep may not be blanketed during the contest; only head or neck decorated.

<b>1033C Senior</b>	(14 yrs. and up)
<b>1033B Intermediate</b>	(10-13 yrs.)
<b>1033A Junior</b>	(7-9 yrs.)

### **1032 Sheep Rate of Gain Contest**

The only requirement to participate in this contest is to have your market lamb officially weighed and ear tagged at official weigh-in date and exhibit him at the county 4-H Fair. **The final weight of the lamb will be the entry weight at the Fair minus 2% shrinkage.** To be entered into the contest you must attend small animal weigh-in.

## Division J – 4-H Swine

### SWINE COMMITTEE

Sharla Huseman\*

Tucker Goss

Hadley Huseman

Paxton Huseman

### *Special Rules:*

*Intent To Sell cards must be turned into the Fair Office by 10:00 p.m., Wednesday, July 19, 2023, if you intend to sell an item in the auction.*

1. See General Livestock Rules.
2. There is no minimum weight to show any livestock animal. Animal must weigh a minimum of **190** pounds final weight in order to sell. Any swine receiving a white ribbon cannot be sold at the auction.
3. An exhibitor is limited to a total of six entries (can be any combination of market pigs or breeding pigs).
4. All pigs must be owned, in the possession of the exhibitor and tagged by weigh in or by submitting a tagging request to the extension office by the deadline.
5. Sick hogs will be barred from the show. **All Swine Must Be Free Of External Parasites**
6. All swine entries will be weighed the first day of the 4-H Fair.
7. All swine exhibitors will be provided wood shavings for bedding in pens. Hosing of pens (for cleaning, watering, or washing) will NOT be permitted. All washing of animals must occur in designated wash areas. Automatic waterers and misters will NOT be permitted. Fans will be provided in the area. Manure is to be removed and disposed of in designated areas.
8. Exhibits shall reflect the care and concern that Kansans have for livestock, poultry, and companion animals. Animals experiencing illness, injury, or discomfort should be properly treated. Professional veterinary services will be available as needed. An animal may be removed in an emergency situation at the discretion of the veterinarian and/or division chair and/or extension agent.

### **Market Pigs**

Weight classes are determined at weigh-in by Division Chair and Committee.

**1020 Market Pigs** Market Pigs

### **Breeding Pigs**

Gilts will be judged by Breed Characteristics. Crossbreeds in the Purebred Class will be down-graded by the judge.

**1021 Spots** Spots

**1022 Duroc** Duroc

**1023 Poland China** Poland China

**1024 Hampshire** Hampshire

## Division J – 4-H Swine

1025 Berkshire	Berkshire
1026 Yorkshire	Yorkshire
1027 Crossbreed	Crossbreed
1028 Chester White	Chester White
1019 All Other Breeds	All Other Breeds

### Swine Showmanship

Senior	Swine Showmanship (14 yrs. and up)
Intermediate	Swine Showmanship (10-13 yrs.)
Junior	Swine Showmanship (7-9 yrs.)

## 4-H FAMILY & CONSUMER SCIENCES

### 4-H Silent Auction

**\*\*The Ellsworth County Fair Association (ECFA) manages the Silent Auction.**

#### Special Rules:

**INTENT TO SELL CARDS MUST BE TURNED INTO THE FAIR OFFICE by 12:00 pm, Wednesday, July 19, 2023, if you intend to sell an item in the silent auction.**

1. 4-H Members may only sell ONE item/animal in either the Livestock Premium Auction OR the Silent Auction. No live animals to be sold in the Silent Auction.
2. Silent Auction is a terminal auction; the item sold will be given to the highest bidder.
3. Members may sell an item in the Silent Auction, regardless of ribbon placing.
4. A Silent Auction item may be comprised of a single item judged at the fair (e.g. a cake) or multiple items judged (e.g. cutting board and loaf of bread, both of which were judged at the fair). Food items must be made fresh (not the item judged), and horticulture items picked fresh.
5. Members will fill out the Silent Auction Intent to Sell form which includes the name of the item, the placing received, the member's name, and the starting bid.
6. "Starting bid" will be the lowest amount the member would accept for the item. If the Starting Bid is not met, the item will not be sold and will be returned to the member, with no money given.



## 4-H Silent Auction

7. The physical item MUST be present in the silent auction room by 12:00 pm, Thursday, July 20, 2023.
8. Silent Auction will be open to bids between 12:00 pm and 7:00 pm on Thursday, July 20, 2023. At 7 pm, bid sheets will be pulled and final winner determined.
9. Silent Auction item, member name, winning bidder, and price will be announced at the beginning of the Livestock Auction at 8:00 pm.
10. Buyer will take possession of purchased item after paying.
11. The ECFA Sale Committee has final decision on all matters of the Silent Auction.
12. There will be a 2% commission taken on all items sold through the Silent Auction. This will be figured on sale amount.
13. No late entries will be accepted.
14. Thank you notes will be available at the Extension Office for sellers to pick up and provide to their purchasers. No buyer ribbons will be given for the Silent Auction.

## Division K – 4-H Clothing Construction

### *CLOTHING JUDGING COMMITTEE*

Tobina Norris\*

Josey Norris

### *Special Rules:*

**Anyone wishing to sell Clothing Construction in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).**

1. All garments and articles must have an identification label securely attached on the inside. Pre-cut kits are acceptable in all clothing classes.

#### **Identification Label:**

- a. Type or print on 3” x 2 1/2” piece of cloth: Class number, club, and exhibitor’s name;
  - b. Sew or safety-pin ID label on the corner of flat articles
  - c. For garments, attach ID label to the front shoulder seam, or left side of waistband, as if you were wearing the garment.
2. A garment may be entered in both the Fashion Revue and Clothing Construction judging. These are two separate contests with two separate awards.
  3. A Champion and Reserve Champion will be picked in each age category if deserving. Grand Champion and Reserve Grand Champion overall will be selected if deserving.

## Division K – 4-H Clothing Construction

4. Exhibitors receiving purples will be limited to one clothing entry at the State Fair.
5. There is no limit to the number of entries a 4-H member can enter.

### **\*\*DEFINITIONS:**

Garment - A garment can be a skirt, a vest, a blouse, a shirt, a pair of slacks or shorts, a dress, a jumper, a jumpsuit, etc.

Article - An item constructed in a clothing project such as a backpack, garment bag, cape, hat, scarf. Could be hand or machine sewn and could include appliqué or machine embroidery on items they have made.

### **Clothing**

- 4000 Junior** (7-9 yrs.)
- 4002 Intermediate** (10-13yrs.)
- 4004 Senior** (14 yrs. and up)

### **Clothing Educational Exhibit**

- 4001 Junior** (9-11 yrs.)
- 4003 Intermediate** (12-14 yrs.)
- 4005 Senior** (15 yrs. and up)

### **Recycled Clothing Project (previously Decorate Your Duds)**

Decorative arts include embroidery, appliqué, macramé, painting, etc.

- \* Garment constructed with use of decorative art – such as vest of macramé.
- \* Garment to which decorative art design has been applied – garment may be purchased and the garment is not evaluated. Creativity is a major consideration in judging.
- \* Recycled garment or garment made from reworking previously constructed garment with the use of decorative art.
- \* Clothing accessory constructed or decorated with use of decorative art (hats, bags, scarves, belts, etc.)
- \* Tie – Dyeing.

### **4006 Recycled Clothing**

## Division L – 4-H Fashion Revue

### *FASHION REVUE COMMITTEE*

Tobina Norris\*

Paula Gray

Josey Norris

Michelle Schwerdtfeger

### *Special Rules:*

1. A Champion and Reserve Champion will be picked in each age category if deserving. An overall Grand Champion and Reserve Grand Champion in both boys and girls will be awarded if deserving.
2. **A 4-H member must model garment in public fashion revue to receive a ribbon. NO SUBSTITUTE MODELS.** If any ribbon placing is forfeited, ribbons will not be awarded to lower placing.
3. A 4-H member may model two garments in Constructed Garment and two in Buymanship. Only one garment may be modeled in each of Recycled Clothing and Thrift Store. Total garments to be modeled will not be greater than FOUR.
4. **READY-MADE GARMENTS FASHION REVUE**
  - a. Garments must be purchased for the 4-H project, or made by another individual for the 4-H member if the fabric and pattern were chosen by the 4-H member. Everything which is commonly considered an outer garment must be purchased by the 4-H member or constructed by another person (vest, jacket, dress, skirt, pants, coat, etc.). A sweater, blouse, or shirt can be purchased or made.
  - b. In order to be eligible for the thrift store classes, garments must have been purchased 'second-hand' with authentication from the store or individual in the form of a receipt or Clothing Cost Sheet.
5. **CLOTHING CONSTRUCTION FASHION REVUE** - Majority of the outfit must be constructed and modeled by the 4-H member who made the garment/outfit. Everything which is commonly considered an outer garment must be constructed (vest, jacket, dress, skirt, pants, coats, etc.) A sweater, blouse or shirt that is not worn as an outer garment can be purchased or made. Constructed garments to be modeled in the Fashion Revue must be exhibited at the Ellsworth County 4-H Fair as well as at the Fashion Revue in a class in Division K or Division M.
6. Buymanship and Thrift Store Garments will not be displayed at the fair. Individual photos will be taken at the Fashion Revue and will be displayed at the fair with a copy of the Fashion Revue Narration sheet. The Overall Grand from each the boys' and girls' will be displayed.
7. **AN EXPENSE SHEET AND A PICTURE WILL BE REQUIRED FOR EACH ENTRY.** Thrift Store Expenses sheets need to include an itemized list of owned items, items purchased from a thrift store, name of thrift store, and receipts for purchases.

## Division L – 4-H Fashion Revue

8. Pre-Entry forms and Narration Sheet are due July 1. Fashion Revue Cost Sheet and Picture come to Fashion Revue, day of event and are handed to the judge at consultation time.

### Constructed Garments Revue

<b>6000 Junior</b>	Junior
<b>6000 Intermediate</b>	Intermediate
<b>6000 Senior</b>	Senior

### Boys Buymanship Revue

<b>6020 Junior</b>	Junior
<b>6020 Intermediate</b>	Intermediate
<b>6020 Senior</b>	Senior

### Girls Buymanship Revue

<b>6010 Junior</b>	Junior
<b>6010 Intermediate</b>	Intermediate
<b>6010 Senior</b>	Senior

### Recycled Clothing and Thrift Store Garments Revue Boys & Girls

- 6030 Recycled Clothing**
- 6040 Thrift Store**

## Division M – 4-H Fiber Arts

### *FIBER ARTS COMMITTEE*

Karen Grothusen\*

### *Special Rules:*

*Anyone wishing to sell Fiber Arts in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).*

1. Identification Label:
  - a. Type or print on 3” x 2 1/2” piece of cloth: Class number, club, and exhibitor’s name.
  - b. Sew or safety-pin ID label on the corner of flat articles.
  - c. For garments, attach ID label to the front shoulder seam, or left side of waistband, as if you were wearing the garment.
2. A member may have only one item in each exhibit option indicated below.
3. When articles which are normally worn as a pair are exhibited, both articles must be shown together. Fasten articles together securely with yarn.

## Division M – 4-H Fiber Arts

4. Special consideration will be given to articles which are of original design. Such articles should have a note attached explaining the original design.
5. The exhibitor may attach an index card, no larger than 3” x 5”, with the entry form to give the judge any information which the exhibitor thinks would be helpful for the judge to know. Explain whether you created the fabric for a knitted article by hand or by a knitting machine. Explain if the exhibit contains any recycled materials or is made of at least 90% wool.
6. Exhibitors are expected to be enrolled in the Fiber Arts project of which they are entered. When the exhibit is a sewn garment that also includes one or more Heritage Fiber Art techniques (i.e. knitting, crochet, needle arts, or patch- work and quilting), the determination of what division (Clothing or Fiber Arts) and class in which to enter will be left with the 4-H participant.
7. All exhibits which need to be hanging MUST have the appropriate hanger, rod, wire or other mechanism attached in order to be properly displayed.
8. For class 4114 Patchwork or Quilted article – it is acceptable practices for the exhibitor to create the patchwork or quilted article and have someone else quilt it.

### **Exhibit options are:**

1. Crochet
2. Knitting, an article made either by hand or by knitting machine  
(See #6 above)
3. Needle Arts, an article created by hand using any of the following techniques: a) embroidery and cross-stitch; b) needlepoint; c) candle wicking; d) crewel; e) lacework; and /or f) appliqué.
4. Patchworks, Quilting, Rug Making, Spinning, Weaving, Ethnic Arts, Macramé

### **Fiber Arts**

**4111 Crochet**

**4112 Knitting**

**4113 Needle Arts**

**4114 Patchwork or Quilted (See #8 above)**

**4115 Rug making**

**4116 Spinning**

**4117 Weaving**

**4118 Ethnic Arts**

**4119 Macrame'**

**4120 Fiber Arts Educational Notebook**

## Division N – 4-H Foods & Nutrition

### FOODS & NUTRITION COMMITTEE

Stephanie Zamrzla\*

Dianne Krupp

Ashlyn Schwerdtfeger

Hallie Thielen

Lori Thielen

Michelle Schwerdtfeger

### *Special Rules:*

*Anyone wishing to sell Foods in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).*

*If food is to be sold at the auction, a fresh product must be baked to sell.*

1. **RECIPES are required for all food product exhibits. Recipes must be present at the time of judging. If recipe is NOT included, item will be docked one ribbon placing.**
2. Each Exhibitor may exhibit only one of each food item for a total of seven entries in each age division.
3. Remove baked products from pans and place on paper plate or covered cardboard cut to fit the size of the product. **PLACE BAKED PRODUCTS IN CLEAR PLASTIC BAGS WITH TWIST FASTENERS.** Five gallon bags may be obtained at the Extension Office.
4. For “serving size” items, exhibit seven cookies, seven muffins, seven rolls, etc. For cakes, loaves and pies, the entire product must be entered and uncut.
5. Commercial mixes are **NOT** to be used.
6. A sample of each exhibit will be left on display. All non-perishable products, except Champions, will be sold at the Food Sale unless member states otherwise at the time of entry. All 4-H members should bring an index card (3” x 5”) listing all the food they are entering and mark whether or not it should be sold.
7. Food will be sold on the day of judging. Decorated cakes will be judged and on display only. Money may be picked up from the Fair Extension Office the next afternoon.
8. A Champion and Reserve Champion will be picked from each level. Grand and Reserve Grand will be picked overall from the Champions.
9. Exhibits eligible for State Fair will be marked with a sticker.
10. All unfrosted cakes shall be exhibited in UPRIGHT position with top crust showing, except those cakes with special designs such as Bundt cakes which should be top crust down.
11. Exhibitors receiving Purples may exhibit only one baked product and one educational display at the State Fair.
12. Perishable items are not exhibited at the State Fair.
13. Lined muffins are optional.

## Division N – 4-H Foods & Nutrition

14. **NO ALCOHOL** should be included as an ingredient in foods entries.  
Entries with any kind of alcohol will be disqualified and not judged.
15. **For food safety purposes any food with custard and cream cheese type fillings and frostings, flavored oils, “canned” bread or cakes in a jar will not be accepted. Food requiring refrigeration will be allowed but must be refrigerated until judging and taken home following judging. Refer to K-State Research and Extension Publication *Food Safety Guidelines for Fair Exhibits*, for information to help you make informed, safe food exhibit decisions.**

### Food & Nutrition

#### **4300A Junior Non-Perishable (Age 7-8; not eligible for State Fair) -**

Suggestions are:

- Popcorn Snack (one cup – divide into seven condiment cups for judging)
- Nutritious Snack (one serving)
- Individual Creative Salad\*
- Nutrition Drink\*
- Seven Muffins
- Seven Bar Cookies
- Seven Creative Cookies
- Seven Cupcakes -- unfrosted
- Seven Drop Cookies
- Pocket Sandwich\*

#### **4300 Junior Non-Perishable (Age 9-11) -** Suggestions are:

- Popcorn Snack (one cup – divide into seven condiment cups for judging)
- Nutritious Snack (one serving)
- Individual Creative Salad\*
- Nutrition Drink\*
- Seven Muffins
- Seven Bar Cookies
- Seven Creative Cookies
- Seven Cupcakes – unfrosted
- Seven Drop Cookies
- Pocket Sandwich\*

#### **4302 Intermediate Non-Perishable (Age 12-14) -** Suggestions are:

- Seven Cupcakes - frosted
- One Loaf Quick Bread
- Creative Salad\*
- Pound Cake
- Coffee Cake
- One Layer Cake – unfrosted
- Nutritious Dip

## Division N – 4-H Foods & Nutrition

Strawberry Shortcake\*  
One Loaf Yeast Bread  
One Loaf or Other Breakfast Bread (using yeast)  
Gingerbread - **display or disposable pan**  
Seven Cinnamon Rolls

### 4304 Senior Non-Perishable (Age 15-18) - Suggestions are:

Recipe Using Squash  
Chiffon Cake -- without icing  
Recipe Modification -- Baked food made from original recipe with improved nutritional value. **Include both recipes before and after changes.**  
Two Layer Cake – frosted  
Angel Food Cake -- without icing – upright position – top showing  
Sponge Cake -- without icing – upright position – top showing  
Artisan Bread  
International Flat Bread  
One Loaf Yeast Bread -- white  
One Loaf Whole Wheat or Multi-Grain Yeast Bread  
Seven Yeast Dinner Rolls  
Specialty Bread -- example seven pretzels, seven bread sticks, fruit bread or tea ring  
Pastry Recipe -- fruit pie with pastry crust (include crust & filling recipe)  
Decorated Food Item -- judged on decoration only but must be a real food product.

**4308A Junior Perishable** (Age 7-8 yrs.)

**4308 Junior Perishable** (Age 9-11 yrs.)

**4309 Intermediate Perishable** (Age 12-14 yrs.)

**4310 Senior Perishable** (Age 15-18 yrs.)

**4301 Junior Educational Exhibit** (9-11 yrs.)

**4303 Intermediate Educational Exhibit** (12-14 yrs.)

**4305 Senior Educational Exhibit** (15 yrs. and up)

**4306 Food Gift Package** -- must contain at least three different items, prepared by the 4-H member, in a suitable container no larger than 18” by 18”.

**Prepared food items must have recipes attached with the entry.**

Additional homemade food items beyond the three minimum or purchased items may also be included in the gift basket. No alcoholic beverages, fireworks, knives or items not intended for human consumption. Items intended for container or presentation will be allowed. On a recipe card, answer these questions:

1. What is the intended use?
2. What food safety precautions were taken during and after preparation?
3. Total cost?



## Division O – 4-H Food Preservation

### FOOD PRESERVATION COMMITTEE

Stephanie Zamrzla\*

Paula Gray

Sage Gray

#### *Special Rules:*

*Anyone wishing to sell Food Preservation in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).*

1. Exhibits must have been preserved after the previous county fair.
2. Recommended recipes and processing methods must be used. Recipes must be from 1995-present. Processing methods that will be disqualified include: open kettle canning, over canning, and sun canning. Untested recipes will be disqualified for food safety reasons. Recommended recipe resources include:
  - K-State Research and Extension Food Preservation publications
  - USDA Complete Guide to Home Canning
  - So Easy to Preserve, sixth edition, The University of Georgia Cooperative Extension Service
  - Ball Blue Book Guide to Preserving
  - Ball Complete Book of Home Preserving
  - Canning mixes (i.e. Mrs. Wage's, Ball)
  - Pectin manufacturers (i.e. SureJell, Ball)
  - <http://www.rrc.k-state.edu/preservation/recipes.html>Dried products must include the recipe and preparation steps. All meat jerky must be cooked to 160°F before or after drying.
3. Each member may enter up to six exhibits in this division. **Recipe must be included with each entry.**
4. Exhibits must be sealed in clean, clear, standard canning jars, with matching brand two piece lids. (Ball lids on Ball jars and Kerr lids on Kerr jars). Jellies must be in half pint or pint jars. All other products must be in pint or quart jars. Jars must be sealed when entered.
5. Each jar exhibited must be labeled with uniform label placed one inch from the base of jar. Label must not cover brand name of jar. The label must give: Class No., Division, Product, Canning Method (water bath, weighted gauge or dial gauge, pressure method), Process Time, Pressure (psi), date processed including month and year, Name and County, Altitude of Residence.

## Division O – 4-H Food Preservation

### Food Preservation

- 4350 Sweet Spreads (one jar)
- 4351 Fruits, juices, fruit mixtures (one jar)
- 4352 Low acid vegetables (one jar)
- 4353 Pickles, fermented foods, relishes, and chutney (one jar)
- 4354 Tomato/tomato products, tomato juice, tomato salsa (one jar)
- 4355 Meats (one jar)
- 4356 Dried Foods

## Division P – 4-H Home Environment

### *HOME ENVIRONMENT COMMITTEE*

Tobina Norris\*

Josey Norris

Leah Howard

### *Special Rules:*

*Anyone wishing to sell Home Environment in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).*

1. Labels: A label containing name, address, county, and class shall be attached to the exhibit with safety pin(s) or tape and string.
2. A single exhibit cannot be exhibited as part of a group exhibit or vice versa.
3. Exhibits can include wall hangings, bulletin boards, curtains, decorative accessory, repaired or refinished furniture.
4. A summary including plans, explanation of how the items was made or refinished, and how it fits into the color and design of the room. Summary could also include project inspiration, challenges, who helped you, and any other information that could be helpful to the judge. Summary should be in a plastic protective sleeve and attached to exhibit.
5. Projects with missing or insufficient summary will be lowered one ribbon placing (i.e. a blue ribbon exhibit will receive a red ribbon).
6. Exhibits should be of high quality (as compared to quick, simple crafts), suitable for use in the home several months throughout the year. Holiday specific items are discouraged.

### Home Environment

An article made by the 4-H member for the home. Include explanation of how it was made, cost, pictures, pattern, etc. Describe how it fits into the color and design scheme of the room. Explanation will be considered in total score.

#### **4400 Single Exhibit**

#### **4401 Educational poster or display**

#### **4402 Notebook**

# 4-H AGRICULTURE /PLANT SCIENCE

## Division Q – 4-H Plant Science

### PLANT SCIENCE COMMITTEE

Ardis Hoffman\*

#### **Special Rules:**

*Anyone wishing to sell Plant Science in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).*

1. 4-H members may enter a maximum of eight (8) entries in this department. More than one (1) entry per class is allowed, with each entry a different fruit, vegetable, flower, or Herb. Only one (1) entry per Garden Display/collective garden exhibit and horticulture notebook will be allowed. All materials must be grown or collected by 4-H members.
2. Vegetables may be washed if they need it.
3. No frozen vegetables may be exhibited—only fresh. Any rotted produce will be removed from display early.

#### **Horticulture**

##### **2500 Garden Display**    Collective Garden Exhibits

Exhibit consists of five different fresh vegetables.

Canned vegetables are not acceptable. Only one variety of each type of vegetable may be exhibited. All must have been grown by exhibitor. Quality and condition of the vegetables will be considered.

The number of vegetables to be exhibited are as follows:

**Large Vegetable = One Each or Five Total**

**Medium Vegetable = Five Each or 25 Total**

**Small Vegetable = Twelve Each or Sixty Total**

#### **INDIVIDUAL ENTRIES-Special Rules:**

1. Vegetables may be washed if they need it.
2. Entry tag must be attached to each exhibit.
3. No frozen vegetables may be exhibited—only fresh. Any rotten produce will be removed from display early.
4. Superintendents will divide each class by age at entry time.
5. See extension pamphlet on “Exhibiting Fruits & Vegetables”.

[www.ksre.ksu.edu/library/hort2/c405.pdf](http://www.ksre.ksu.edu/library/hort2/c405.pdf)

## Division Q – 4-H Plant Science

### Individual Entries

**2501 Small Veg Specimen Plate Small Vegetable** (plate of 12)–Example: green snap beans, yellow wax beans, and other small vegetables

**2502 Med Veg Specimen Plate Medium Vegetable** (plate of five)–Example: cucumbers, cherry tomatoes, tomatoes, beets, white onions, yellow onions, red onions, bell peppers, other peppers, okra, parsnips, turnips, sweet potatoes, red potatoes, white or Russet potatoes, carrots, other medium vegetables, and zucchini less than 8”

**2503 Large Veg Specimen Plate Large Vegetable** (plate of one)

Example: watermelon, summer squash, winter squash, pumpkin, eggplant, cabbage, cantaloupe, other large vegetables, and zucchini 8” or larger

**2504 Herbs Fresh Culinary Herbs** six stems of ONE VARIETY of fresh herbs exhibited in a disposable container of water. Dried herbs not accepted. Examples include parsley, basil, dill, etc.

**2505 Small Fruits**

**2506 Tree Fruits**

**2507 Grapes**

### FLORICULTURE

#### *Special Rules:*

1. **Class Floral Arrangement** must be accompanied with a written explanation of project work (may include story, landscape plan, picture, etc.)
2. May have three entries of different kinds in classes.
3. See extension pamphlet on “Preparing Cut Flowers for Exhibits”  
[http://www.ksre.ksu.edu/library/4h\\_y2/4H826.pdf](http://www.ksre.ksu.edu/library/4h_y2/4H826.pdf)

### Floriculture

**5600 Annual Garden Flower** Any annual flower; single stalk in a pop bottle.

**5601 Perennial Garden Flower** Any perennial flower; single stalk in a pop bottle.

**5602 Floral Arrangement** Fresh flower arrangement.

**5603 Dried Floral Arrangement**

**5604 Horticulture Notebook**

**5600A Biennial Garden Flower** Any biennial flower; single stalk in a pop bottle.

### FIELD CROPS-(See 4-H Crops in Fair Entry) *Special Rules:*

1. All crop varieties must be named.
2. Products exhibited must have been grown during the current club year.
3. Please give test weight on field grains.
4. Hybrid must be named.

# Division Q – 4-H Plant Science

## Field Crops

### Sorghum - Ten -Head Exhibit

**2402 Sorghum** Hybrid Grain Sorghum

**2403 Sorghum** Hybrid Forage

**2404 Sorghum** Other Forage

### Corn - Exhibit

**2400 Corn** White. Variety or hybrid must be named; 10 head sample

**2401 Corn** Yellow. Variety or hybrid must be named; 10 head sample

**2425 Corn** Corn – one gallon jar

### Wheat - One Gallon Sample

**2405 Wheat** Soft red winter wheat; variety or hybrid must be named.

**2406 Wheat** Hard red winter wheat; variety or hybrid must be named.

**2407 Wheat** Hard white wheat; variety or hybrid must be named.

### Sunflower

**2408 Sunflower** Three Confectionary Heads

**2409 Sunflower** Confectionary seeds in gallon jar

**2410 Sunflowers** Three Oil Seed Heads

**2411 Sunflowers** Oil seeds in gallon jar

### Other

**2412 Oats** Oats (one gallon sample)

**2414 Alfalfa** Alfalfa seed (one gallon sample)

**2415 Alfalfa** Alfalfa hay (Exhibit consists of one flake or slice from a rectangular bale or a 10” section cut from a round bale. The flake or slice should be about 6” in thickness and tied in two directions.)

**2416 Native Grass Hay** (Exhibit consists of one flake or slice from a rectangular bale or a 10” section cut from a round bale. The flake or slice should be about 6” in thickness and tied in two directions.)

**2426 Cool Season Grass Hay** (e.g., fescue, etc.): Ten-inch flake or slice, 6 inches thick and tied in two directions. Variety must be named

**2419 Soybeans** Soybeans (one gallon sample)

**2420 Soybeans** Bundle of five plants

**2440 Weed Control Exhibit**

**2421 Edible field beans:** Exhibit to consist of one-gallon sample of seed from most recent harvest.

**2422 Edible field beans:** Bundle of five plants (with roots intact) from most recent harvest. (Example – Lentils)

**2423 Miscellaneous Crops:** Exhibit to consist of one gallon sample of seed or 10 heads produced from current project. Variety must be named.

## Division Q – 4-H Plant Science

**2424 Cotton:** Provide 10 open bolls, not 10 plants. Place bolls in a bag that can breathe (not a sealed plastic bag), so mold doesn't develop.

### Wheat Variety Plot Display

#### **2430 Wheat Variety Plot Display**

The free-standing displays must not exceed the overall dimensions of 36'' high x 18'' deep (measured on the outside). Care should be taken to select durable materials that will withstand fair conditions. Displays must not require the use of electricity.

#### **The basis for Awards:**

##### **Educational Value 70%**

Is the main ideas of the display specific? Was the title or theme emphasized? Is the idea presented so clearly, so simply, so forcefully, that will stop the casual observer? If the passerby stopped, did the display give the observer additional facts in a clear, concise way? For Example, varietal differences in wheat, economic gains from adoption of desirable practices, etc.

##### **Quality of Display material 30%**

Size, style and neatness of lettering, proportion of models, and lettering balanced, workmanship, including handouts, if used, charts, models, and lettering used effectively to teach ideas, colorful, artistic, neat and well balanced.

## 4-H MISCELLANEOUS

### Division R – 4-H Club Promotional Exhibit

#### *Special Rules:*

1. 4-H clubs may sell one promotional item in the Premium Auction (ex. basket, cookie jar, photo).

#### Club Promotional Exhibit

##### **8010: Club Promotional Item**

# Division S – 4-H Energy Management

## *ELECTRIC COMMITTEE*

Tim Hays\*

Caleb Hays

### ***Special Rules:***

***Anyone wishing to sell Energy Management in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).***

1. Articles that have been in use should be cleaned for exhibit.
2. A sheet of operating instructions must be furnished for any exhibit not self-explanatory.
3. Exhibit must be operable. If battery power is required, batteries must be furnished.
4. Any project with a complexity of size of electronics must have:
  - a. instructions for assembly and use
  - b. equipment available at the time of judging for actually testing of the exhibit.
5. No hand dipped solder may be used on exhibits.
6. Each exhibitor may enter up to two articles in this division. Label each article, giving owner's name, address, club and name of article. Also indicate on label, whether "original construction" or "kit assembly". Label placed with masking tape or tied to exhibit is preferred.
7. Exhibits may consist of household wiring, indoor lighting, outdoor wiring, shop lighting, extension cords, trouble lights, AC demonstration projects, DC demonstration projects, motors, fans, heaters, and blowers, electronic projects made from a kit or original or an educational activity project.
8. All exhibits should involve engines smaller than 20 horsepower for classes 4610-4612. Engine should contain no fuel in tank or carburetor. Displays are limited to 4' wide and 4' deep - both upright and floor displays.
9. Exhibitors are responsible for providing sufficient bracing or "chocks" for trailer exhibits to ensure that the exhibits do not move once positioned. If using a wheel "chocking" mechanism, the two individual blocks should be connected together as a pair of chocks, so they do not become separated. At least one pair of chocks should be placed on each side of the trailer to prevent movement.
10. For trailer exhibits the tongue of the trailer should have a locking mechanism (e.g. padlock) to prevent the trailer from being moved by unauthorized individuals while being displayed. A key for the locking mechanism should be left with the superintendent and labeled with the exhibitor's name, county, and phone number. Display cases for small exhibits are acceptable and must be easily opened so the item can be removed and examined as part of judging.

## Division S – 4-H Energy Management

11. Each exhibitor is required to complete the “4-H STEM Ag Mechanics Exhibit Information Form” for each exhibit, except for display boards, which is available through your local K-State Research and Extension office or at [www.STEM4KS.com](http://www.STEM4KS.com). This form must be attached to the outside of a 10” x 13” manila envelope. Do not tie the envelope to the exhibit. All revisions of all forms previously released for the STEM division dated prior to current year are void for use and new forms must be obtained and used that are dated by the State 4-H Office for the current year.
12. Additionally, exhibitors may create an optional video (not required) about their project showing its operation and the work they have done. This allows judges to get a better understanding of the exhibit and allows the youth the opportunity to fully demonstrate their exhibit. The video should be no longer than 8 minutes and should be placed on a USB drive.

### Electric

- 4600 Electrical – AC Electric Projects
- 4601 Electrical – DC Electric Projects
- 4602 Electrical – Electronic Projects
- 4603 Electrical – Educational Displays & Exhibits

### Small Engines

- 4610 Small Engines – Display
- 4611 Small Engines – Maintenance
- 4612 Small Engines – Operation
- 4620 Small Engines – Educational Display
- 4621 Small Engines – Experiment

## Division T– 4-H Entomology

### *ENTOMOLOGY COMMITTEE*

Tim Hays\*

Caleb Hays

### *Special Rules:*

*Anyone wishing to sell Entomology in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).*

1. The specimens should be collected by the exhibitor and should focus on Kansas insects. Insects may be collected from one county into bordering states and labeled accordingly. Please refer to “Entomology Collection Exhibit Resource” for full details on out-of-state insects in collections.



## Division T– 4-H Entomology

2. A 4-H member may choose to exhibit in the Collection or Educational class for each phase or both. Educational classes are limited to one standard box, a maximum of 150 specimens and **work performed during the current year.**
3. Individual entries are to be placed in plexi-glass covered wooden boxes that measure 18" H x 24" W x 3 1/2" D. **Plexi-glass covers are required at the County 4-H Fair and State Fair.**
4. Each exhibitor is required to identify each box by placing an identification label bearing exhibitor's name, county and class. One label goes in the upper
  1. left corner of the box (inside) and the other on the back of the box (outside). Arrange specimens in the box so the box can be displayed lengthwise.
  5. The number of orders, specimens and families where required must be included on the exhibitor's box identification label.
  6. Emphasis in judging will be placed on the overall variety of Kansas insects represented in the collection, accuracy of identification, skill and technique acquired in mounting of specimens and overall arrangement and appearance of the collection.
  7. For each collection class two labels will be centered on the pin beneath each specimen. Upper is the common name label and the lower label is a date locality label.
  8. Only specimens of the class Insect a should be included.
  9. Purchased insects are not to be exhibited in collections, but they may be used in educational displays.
  10. Specimens of soft bodied insects such as aphids, lice, termites, etc. should be exhibited in alcohol filled vials; however, the use of alcohol filled vials should be limited to only those specimens that lose their shape when pinned, since the vials pose a significant hazard to the rest of the collection if they become loose in transit.
  11. Any major violation of rules will result in the exhibit being dropped one ribbon placing. Examples would include, but are not limited to: incorrect display box size, missing paper work, feet on display boxes, no special project in notebooks, etc.

### **Educational Classes**

- A. Educational classes are limited to one standard box and a maximum of 150 specimens. Title of the exhibit should be indicated inside the box.
- B. Purpose of the project is to learn more about the importance, life cycles, biology, ecology, diversity, etc., of insects and related Arthropods. Subject matter can be as varied as the animals themselves.

## Division T– 4-H Entomology

### Entomology

#### **4900 Beginning Entomology I - Beginning Entomology I Collection –**

Display in one standard box of a minimum of 50 and maximum of 125 species representing at least seven orders. Specimens should be grouped according to order. Order labels should be pinned to the base of the box. Members can exhibit in this class a maximum of three years or until they receive a purple ribbon in the Beginning Phase at the Kansas State Fair, whichever comes first.

#### **4901 Beginning Entomology II - Beginning Entomology II Collection -**

Display in one standard box a minimum of 75 and a maximum of 150 species representing at least nine orders. Specimens should be grouped according to order. Order labels should be pinned to the base of the box. Members can exhibit in this class a maximum of three years or until they receive a purple ribbon in the beginning phase at the Kansas State Fair, whichever comes first.

#### **4903 Intermediate Entomology - Intermediate Entomology Collection –**

Display a minimum of 100 and a maximum of 300 insects representing at least 10 orders. Two standard boxes can be used. All specimens should be grouped to order; in addition, family identification is required for all insects in any two of the following six orders: Orthoptera, Hemiptera, Homoptera, Coleoptera, Diptera, and Hymenoptera. Observe that the number of families identified in these two orders must be recorded on the box identification labels. Families represent subdivisions of order grouping, and family labels will be pinned to the bottom of the box to represent sub-divisions of the appropriate order. Members can exhibit in this class a maximum of three years or until they receive a purple ribbon in the Intermediate phase at the Kansas State Fair.

#### **4905 Advanced Entomology - Advanced Entomology Collection –**

Display a minimum of 150 and a maximum of 450 insects representing at least 12 orders. Three standard boxes can be used. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate phase. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. All butterflies appearing in the collection should be labeled with the correct common name. Members may continue to exhibit in this class at the Kansas State Fair for an unrestricted number of years as long as they remain eligible for 4-H membership.

### **Educational Display and Notebooks**

#### **4902 Beginning Educational Display**

#### **4904 Intermediate Educational Display**

#### **4906 Advanced Educational Display**

## Division T– 4-H Entomology

**4920 Beginning Monarch Butterfly Educational Display Class:** for 4-H members enrolled in Beginning I or II Entomology

**4930 Intermediate Monarch Butterfly Educational Display Class:** for 4-H members enrolled in Intermediate Entomology

**4940 Advanced Monarch Butterfly Educational Display Class:** for 4-H members enrolled in Advanced Entomology

**4907 Introductory Entomology Notebook**

**4908 Beginning Entomology Notebook**

**4909 Intermediate Entomology Notebook**

**4910 Advanced Entomology Notebook**

## Division U – 4-H Forestry

### *FORESTRY COMMITTEE*

Tim Hays\*

Caleb Hays

### *Special Rules:*

*Anyone wishing to sell Forestry in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).*

1. All leaf exhibits to be mounted on 8-1/2" x 11" heavy stock paper and placed in loose-leaf binders. (Magnetic or adhesive filler sheets for photographic prints are recommended.) Twigs and fruit collections may be exhibited in whatever manner you choose. (Maximum exhibit size 2" x 3")
2. Name, club, age, and year in project should be on front cover. Members are limited to one entry.
3. Leaves should be identified with an appropriate label located near the leaf on the same page. Label should include proper common name as listed in 4-H Bulletin 34, "List of Native Kansas Forest Trees", location (county) where collected and date (day, month, year) collected.
4. Divide specimens into the following two sections: Native Kansas Trees and Non-Native Trees.
5. New specimens are those specimens collected during the current 4-H year.
6. Have samples grouped according to the year (such as "old" and "new").
7. Variations of varieties do not count as different species or specimens.
8. Leaf Exhibits should consist of a beginning exhibit of 10 or more different leaves, intermediate exhibit of 20 or more different leaves, senior exhibit of 30 or more different leaves or advanced exhibit of 40 or more different leaves. Minimums listed must be from native Kansas trees. Exhibits can include non-native leaves in addition to the required number of leaf specimens collected from native Kansas trees.

## Division U – 4-H Forestry

9. Twig Exhibits should consist of a beginning exhibit of five or more different trees, intermediate exhibit of 10 or more different trees, senior exhibit of 15 or more different trees or advanced exhibit of 20 or more different trees. Each exhibit should be of a native Kansas tree showing leaf, twig and fruit from each species collected.

### Forestry - Collections

- 5100 Beginning** 10 or more different leaves OR five or more twigs  
**5101 Intermediate** 20 or more different leaves OR 10 or more twigs  
**5102 Senior** 30 or more different leaves OR 15 or more twigs  
**5103 Advanced** 40 or more different leaves OR 20 or more twigs

### Forestry – Educational Display

- 5104 How a Tree Grows**  
**5105 Tree Appreciation Display**  
**5106 Growing and Protecting Trees Display**  
**5107 Tree Culture Display**  
**5108 How Forests Serve Us**  
**5109 Educational Creative Exhibit Display**

## Division V – 4-H Geology

### *GEOLOGY COMMITTEE*

Tim Hays\*

Caleb Hays

### *Special Rules:*

*Anyone wishing to sell Geology in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).*

1. Exhibit boxes should be 18" H x 24" W x 3½" D. Plexi-glass covers are required. Boxes with glass covers will NOT be accepted. All specimens are to be arranged across the narrow (18") dimension of the exhibit box, making the exhibit 18" across the top and 24" deep. If a box has a sliding Plexi-glass cover, it must be removable from the top. Screws, locks or other devices that would prevent judges from removing cover should not be used.
2. Each entry is to be identified by a label bearing name, county and number of specimens in the upper left corner of the box (inside-use clear double-sided tape to adhere gummed labels) and by attaching a label with the same information on the back of the box.
3. Specimens should be labeled with the number of the specimen, date collected, specimen name or description and locality (county) where collected.

## Division V – 4-H Geology

4. For geology classes 5200, 5201, 5202, and 5203, specimens should be mounted in the box by proper groups: rocks, minerals or fossils. Fossils must be identified to the Phylum, Class and Genus level. More than one specimen of the same kind of rock or mineral or species of a fossil may be exhibited if this duplication represents **different** geological formations. Specimen label must show this distinction (For example: Hays limestone not just limestone). Exact species must have different formation names listed on the I.D. card (For example: Composite Brachiopod from Morrill Limestone not just Brachiopod or Composita Brachiopod).
5. All specimens must be collected from locations in Kansas for classes 5200, 5201, 5202, 5203, and 5205. Out-of-state specimens will not be counted in the minimum number for the class nor will they be considered in the judging.
6. Exhibitor may enter in both geology and lapidary classes. They may make only one entry in classes 5200, 5201, 5202, and 5203. Exhibitor may also show in Geology Class 5204 and one or more of the lapidary classes.

### Geology

- 5200 Display – 15 Rocks** Display at least 15 rocks, minerals, and fossils collected during the current 4-H year. Limited to one exhibited box 18"H x 24" W x 3½" D with plexi-glass. Only those exhibiting at the fair for the first time may enter this class.
- 5201 Display – 30 Rocks** Display at least 30 different rocks, minerals, and fossils, at least five of each. **15 must be collected during the current 4-H year.** Limited to one exhibit box, this class is open to those exhibiting either first or second time at the fair.
- 5202 Display – 45 Rocks** Display at least 45 rocks, minerals, and fossils at least five of each. **15 must be collected during the current 4-H year.** Exhibit limited to two boxes. List as igneous, metamorphic or sedimentary. This class is open to those exhibiting either the third or fourth time at the fair.
- 5203 Display – 60 Rocks** Display at least 60 rocks, minerals, or fossils, at least five of each. **15 must be collected during the current 4-H year.** Exhibit limited to two boxes. This class is open to those exhibiting the fifth time or more at the fair. List as igneous, metamorphic, or sedimentary.
- 5204 Geology Educational Exhibit** - Exhibit relating to everyday living; or to a mineral test, a rock formation, geological history, species of fossil, forms of one mineral, a variation of one kind of rock, archeological artifacts or Indian artifacts. Exhibit limited to four feet of the table space or to no more than two exhibit boxes. Care should be taken to use durable materials that will withstand County and State Fair conditions. Exhibitor may show in the class regardless of number of times he/she has exhibited at the fair or whether exhibitor has entries in classes 5200, 5201, 5202, or 5203. Exhibitor may also exhibit in lapidary class.

**5205 Minerology** Display a minimum of 15 mineral specimens collected in Kansas, at least five of which have been collected during the current 4-H year. The minerals are to be grouped by mineral class (ie: Carbonates, Oxides, Silicates) and at least three classes must be represented. The member must use one standard display box (see #1). The specimens must be labeled with the number of the specimen, date collected, name of specimen, county where collected and chemical composition (ie: CaCO<sub>3</sub> for calcite) if known.

### **Lapidary**

The lapidary will be judged on the following criteria:

Workmanship – 60 points

Presentation and Showmanship – 30 points

Accuracy of Information – 10 points

**5300 Lapidary – Five varieties polished/five varieties unpolished** Display at least 30 stones and minerals that will cut or polish. Five of the specimens must be collected by the member from the native site (not limited to Kansas). Polish 15 of the gemstones by tumbling. Label, giving identification of material and county where collected or state or county of origin for non-Kansas material.

**5301 Lapidary – Before & After** Display before-and-after examples of at least three varieties of specimens, at least two tumble-polished and two unpolished of each. There is no requirement that the 4-H'er collect any of these. Locales must be identified. Lapidary work should be done during the current 4-H year.

**5302 Lapidary – Before & After** Display before-and-after examples of at least six varieties of specimens, at least two tumble-polished and two unpolished of each. At least two varieties should be collected from the native site by the 4-H'er, at least one of which comes from Kansas. Locals must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.

**5303 Lapidary – Before & After** Display before-and-after examples of at least 9 varieties of specimens, at least two tumble-polished and two unpolished of each. At least three varieties should be collected from the native site by the 4-H'er, at least two of which comes from Kansas. Locals must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.

**5304 Lapidary.** Exhibit at least six specimens that have not previously been exhibited, which have received lapidary treatment. Lapidary treatment may consist of polishing, and end, face, or flat lapping. Specimens must represent at least three different varieties and include at least three cabochons of any size or shape, only one of which may be free-formed. A cabochon is a style of cutting in which the top of the stone forms a domed or curved convex surface. Three of the specimens must be mounted into jewelry findings.

# Division W – 4-H Notebooks, Posters & Displays

## NOTEBOOKS, POSTERS & DISPLAYS COMMITTEE

Tobina Norris\*

Josey Norris

### **Special Rules:**

***Anyone wishing to sell Notebooks, Posters, or Displays in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).***

1. Exhibits in this division must be based on any one of the 4-H project areas. One display may be exhibited per project in which member is enrolled.
2. Maximum size for posters and project exhibits is 22” H x 28” W x 18” D (Class 7003) or standard tri-fold 3’ H x 4’ W (Class 7001). Poster exhibits need the following information, provided in the lower right corner: Name, Club and Project Area.
3. Notebooks exhibit should be in a loose leaf binder with the following information provided in the lower right corner of the front cover: Name, Club and Project Area.
4. Exhibits will be judged on general appearance, information and organization.
5. Must comply with state and federal laws.
6. Wildlife-The use of live animals is prohibited in exhibits.
7. Any project represented by three or more displays/notebooks will make their own class.

### **Club Notebooks**

**7000 \*Club Notebook** Club Notebook (Sec, Treas, Reporter, Historian)

### **Individual Notebooks, Posters & Displays**

**7001 Project Display**

**7002 Project Notebook**

**7003 Project Poster**

## Division X – 4-H Photography

### PHOTOGRAPHY COMMITTEE

Katie Kueser\*

Kelsi Zamrzla\*

Josie Kueser

#### *Special Rules:*

*Anyone wishing to sell Photography in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).*

1. Exhibitor is limited to a total of **seven** entries in this division.
2. Photographs exhibited must be the result of the current year's project work by the 4-H member.
3. Photos are to be mounted across the narrow eleven inch dimension of the 11" x 12.5" sheet of white or cream studio mount. All photos must be no larger than 8" x 10" and no smaller than 7" x 9" after trimming. No square pictures are allowed. The top edge of the print must be one inch below the top of the mount. The sides of the print must be equal distance from the two sides of the mount. A permanent mount must be made by using photographic adhesive mounting. Remove white border from the enlargement before mounting. Studio mounts are available at the Extension Office. If the following mounting rules are not followed, the exhibit will not be able to go to State Fair: Photos must not be mounted on poster paper or tag board. Mounting rules are the same as for the Kansas State Fair.  
***Photo Display and Picture Story are not eligible for the State Fair and can be mounted on poster board or tag board.***
4. No lettering is permitted on the front of the mount or on the photo; only on the form provided. No under lays or borders are to be used. No contact prints on front of mount.
5. **A photo will be lowered one ribbon placing if improperly mounted, if dating/time stamped appears on photo, or if borders are not removed before mounting.**
6. The exhibitor's name, address, and class should be written on the back of the mount.
7. The black and white class is for black and white only. Monochromatic pictures including sepia prints are considered color photos and must be entered in the appropriate color photo class.
8. To protect exhibits from dust and moisture, it is strongly recommended that photos be placed in a two-gallon zip top bag.
9. Champion and Reserve Champion will be awarded in each age category. A Grand and Reserve Grand will be named from the Champions.
10. All photo entries, except for Photo Display and Picture Display, must be enlargements no larger than 8" x 10" but no smaller than 7" x 9".



## Division X – 4-H Photography

11. Appropriate photo subject matter: Photographic subject matter is expected to follow 4-H standards. For a sense of prohibited subject matter, review the Kansas 4-H Member Code of Conduct; in general, if it is not allowable at a 4-H event, it is not allowable in a 4-H photograph at the fair. Photos with live subject(s) on railroad right away or taken from railroad right of way property will not be displayed in Kansas 4-H Photography and will be disqualified and not judged.
12. My Favorite 4-H Photography Display: This new class is only for those photography project members with 10 or more years of experience. This class is a non-judged mounted display consisting of four favorite photos from the member's photography career in 4-H. All photos and a fifth biography/description with details of why they are regarded as most significant will be mounted on white or cream studio matte board. Photos and biography/description will be displayed on one row of the photography racks. This class is an extra way to showcase the development and accomplishments of the 4-H member's photography career. Members can still enter two other classes, if they are enrolled 8 or more years in the photography project.

### Photography

**4800 Color Photo** Color photos taken by a 4-H member with three years or less in the project. (**NOT eligible for KSF**)

**4801 Color Photo** Color photos taken by a 4-H member with four to seven years in the project.

**4802 Color Photo** Color photos taken by a 4-H member with eight or more years in the project.

**4804 B&W Photo** Black and white photos all levels of experience. (Black and white prints only)

**4805 Computer** Digital Composite Images.

**4806 Video** Video made by 4-H member. Limited to five minutes.

**4800A \*Photo Display** A display of one to three of their best photos, color or black and white. May either be 3" x 5" or 4" x 6" snapshots.

**4800B \*Picture Story** A Picture Story not to exceed three snapshots that tell a story without cut lines or captions, color or black and white.

### **4807 Growth Portfolio**

- Member is eligible for this class beginning with the third year of enrollment in the 4-H photography project.

## Division X – 4-H Photography

- Exhibit will consist of one photo for each year of enrollment. Each photo must have been created in a different year and must be labeled with the year taken/project enrollment year. A maximum of 5 photos may be included, if the member has 5 or more years of enrollment. Photos are not required to be in a consecutive order. For example, a nine-year-old with three years enrollment in photography is eligible to enter a growth portfolio. The portfolio in this example should have one photo from the seven-year-olds year, one photo from the eight-year-olds year, and one photo from the nine-year-olds year. The growth portfolio class may start at any time in the member's photography career. For an older member, the growth portfolio would represent any five years in the project, for example, years 1,3,5,7 and 9 for a member having project enrollment totaling 9 years.
- Exhibit will consist of 5 (five) photos - one from each of the past 5 years of enrollment. Each photo must have been created in a different year and must be labeled with year taken and which year of enrollment it represents.
- Photos must be 8" x 10" and may be color or black and white and must be unmounted.
- An information sheet must accompany each photo giving brand and model of camera used to create the photo. The settings for focal length, aperture, mode and shutter speed must also be listed.
- Skill set used to create the photo must be given and explained. Main goal for 46 each year should be listed.
- Beginning with photo 2, member description of GROWTH in project skill must be included on information sheet.
- Exhibit will consist of photos arranged in chronological order of enrollment, information sheet on each photo, and all information listed in #6 and #7. A portfolio book will be required to exhibit.

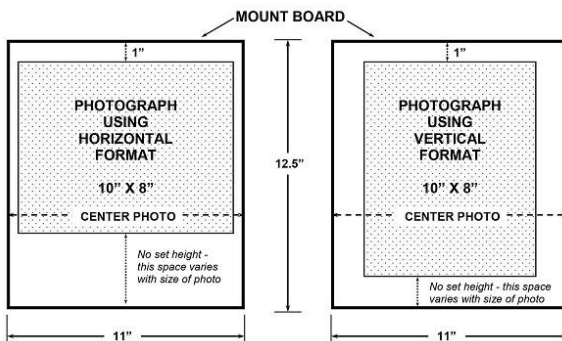
### 4808 My Favorite 4-H Photography

1. Eligible members must have enrolled in photography for ten (10) or more years.
  2. Requirements are:
    - A. Choose a total of four (4) of your favorite photos from any of the years enrolled in photography.
- 45 If used previously in competitive exhibits, remove all data slips and stickers. If the photo is an unmounted print, mount it using standard 4-H requirements and mat board.

## Division X – 4-H Photography

B. Develop a short biography piece. -Tell how/when an interest in photography began. -Explain why each of the four photos is a favorite. -Share the skills learned because of photography. Think beyond camera skills and include leadership, community service, etc. -Tell of any mentors/leaders worked with. - Share workshops or camps pertaining to photography you attended. -Explain (if relevant) any plans to use photography skills beyond 4-H/High School. -Include a small (2 x 3) photo of yourself at the start of the biography. -Print the biography document and mount it on a standard mat board.

### PHOTO DISPLAY INSTRUCTIONS



## Division Y – 4-H Shooting Sports

### SHOOTING SPORTS COMMITTEE

Tim Hays\*

Trenton Hays

Teagan Schepmann

Trent Schepmann

### Special Rules:

*Anyone wishing to sell Shooting Sports in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).*

1. Exhibits in this division are open to educational displays or promotional posters. Follow copyright laws as you are preparing your exhibit. Take care to select durable materials to with stand fair conditions.

**a. Educational Display:** must be the standard tri-fold board ONLY, must not exceed standard tri-fold: 4' wide x 3' tall. No additional table space available for promotional brochures or display items; content not to exceed display board borders.

**b. Promotional Posters:** must be flat and no larger than 22" x 30"  
**THE EXHIBIT SIZE RULE WILL BE STRICTLY ENFORCED!**

Exhibits exceeding the size guidelines will be penalized on ribbon color.

2. **EXHIBITORS MUST COMPLY WITH STATE AND FEDERAL LAWS.**

No "live" ammunition containing propellant or explosive powders may be used in any display! An inert substitution must be used in lieu of powder and "live" ammunition. The substitution must be clearly described on the back of

the poster, display, or in a notebook. Please remember that the Fair Association and Extension Office are NOT liable for the loss or damage of any personal property included as part of your display.

3. Entries will prominently incorporate the 4-H Clover with KSRE co-branding and should include the Kansas 4-H Shooting Sports emblem. Failure to do so will penalize entry one ribbon color.
4. Name, county or district, age, and year in project should be in a prominent location on the exhibit.
5. Exhibits will not be accepted if they are related to reloads.
6. Notebooks: no larger than 8 ½" x 11".
7. Displays and posters will be judged in the following points;

**Stopping Power 15 points**

Is the main idea specific?

Is the idea presented clearly, simply, forcefully?

**Interest, Holding Power 15 points**

Does the exhibit give the observer additional facts in a clear, concise informative way?

**4-H Project application 15 points**

**Mechanical Power 5 points**

Correct letter size, pleasing color combination, appropriate symbols and models?

**Personal Growth 25 points**

How much knowledge was gained by exhibitor?

**Education Value 25 points**

Knowledge shared?

**Total 100 points**

8. A shoot for ribbon placing will occur prior to Fair at a predetermined time. Results of the shoot will be posted during Fair and an Overall Grand and Reserve Grand Shooting Sports Champion will be selected based on points from the shoot ribbon(s) and poster/display/notebook ribbon. **Note: you must register in Fairy Entry for the shoot classes to receive your ribbon and points.**

## Division Y – 4-H Shooting Sports

### Shooting Sports

**6200 Educational Display** Educational Display-Must be directly related to the 4-H Shooting Sports Project (standard tri-fold boards only, no larger than 3' x 4')

**6201 Promotional Poster** Promotional Poster-Must promote 4-H Shooting Sports (Flat poster no larger than 22" x 28")

**6202 Notebook** Contents pertain to some phase, results, story or information about 4-H Shooting Sports.

### Ribbon Shoot Classes:

**6200I** Recurve archery shoot

**6200C** Compound archery shoot

**6200E** BB gun shoot

**6200G** Air rifle shoot

**6200J** Shotgun shoot

## Division Z – 4-H STEM

### STEM COMMITTEE

Tim Hays\*

Caleb Hays

Cyrus Grothusen

### ROCKETS – Special Rules:

*Anyone wishing to sell Rockets in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).*

1. All kit & original rockets must conform to the State Fair Requirement. Please see the Extension Office for State Fair Guidelines.
2. Each exhibitor may enter two rockets constructed during the current year. If two rockets are entered; one rocket must be entered as a "kit" and the second rocket must be entered as a "designed by exhibitor" rocket. The rocket must
3. have been flown. Each rocket exhibited must be able to stand freely by itself or be supported on a wooden base not to exceed 3/4" thick x 8" square for small and medium size rockets. Wooden or metal support rods must not extend past the tip of the nose cone. Support rods must remain in the upright position. **DO NOT ANGLE. (Do not submit on a launch pad).**

## Division Z – 4-H STEM

4. Each exhibit must be free-standing or sufficiently supported by an exhibitor supplied support system that is moveable and is part of the total demission's and weight of the exhibit as described previously. Exhibit display boards should have a portable and moveable base and examples should be firmly affixed to the board to ensure all parts of the display stay together. No exhibits may be staked to the ground for display.
5. Each entry must be accompanied by an entry card containing member's name, address, club and number of year's participation in the STEM project.
6. Each exhibitor is required to complete the "4-H STEM Rocketry Exhibit Information Form" available at the Extension Office. The report that accompanies the rocket must be limited to this form which is glued to a 10" x 13" envelope. Plans (or a photocopy) must be placed inside the envelope. This includes original design rockets. If a rocket kit has been modified structurally, notations need to be given indicating the changes made. One or more photographs of the rocket at the launch site are required. Photographs showing the rocket at the moment of ignition are preferred. Photographs should be mounted on one side of 8½" x 11" page.
7. In judging entries, the display method will NOT be considered. Judging WILL be based on quality of workmanship, and quality of finish.
8. Engines and igniter are not permitted with the exhibit.
9. Plans (or a copy of) must be placed inside the envelope. One or more photographs of the rockets at the launch site are required with the exhibit.
10. Photographs showing the rocket at the moment of ignition is preferred. Place one 8½" x 11" page of photographs, only one side covered, inside the envelope.
11. Angles of the fins must fall with a plus or minus two degrees variation.
12. Exhibit must be uniformly painted, smoothly finished, have decals applied smoothly, and be properly assembled according to accompanying plans.
13. Beginner kits with prefabricated fin assemblies and pre-finished rockets requiring no paintings are NOT acceptable and will be given a participation ribbon.
14. Exhibitors who exhibit a rocket using a size E engine or larger will be required to provide National Association of Rocketry (NAR) membership number on the exhibit information sheet.
15. If a burn ban is in effect for the county, exhibitors are NOT required to launch the rocket.
16. Flight damage is to be documented by the participant on construction plans

## Division Z – 4-H STEM

17. of information form. Judging of flight damage is to be secondary to all
18. other aspects of the model.
19. Rocket launch at the fair will be at the discretion of superintendent pending
20. weather and if burn ban is in effect. 19.Each exhibit, except for display boards, must include an Ag Mechanics information packet. Entry of just a packet without an accompanying exhibit is not a sufficient exhibit.
21. 20.Each exhibitor is required to complete the “4-H STEM Ag Mechanics Exhibit Information Form” for each exhibit, except for display boards, which is available through your local K-State Research and Extension office or at [www.STEM4KS.com](http://www.STEM4KS.com). This form must be attached to the outside of a 10” x 13” manila envelope. Do not tie the envelope to the exhibit. All revisions of all forms previously released for the STEM division dated prior to current year are void for use and new forms must be obtained and used that are dated by the State 4-H Office for the current year.

### **STEM (Rocket)**

- 5520A STEM – Rocket** Rocket (kit) exhibitors 7-8 years of age (NOT KSF eligible)
- 5520 STEM – Rocket** Rocket (kit) exhibitors 9-13 years of age
- 5521 STEM – Rocket** Rocket designed by exhibitor, 11-13 years of age
- 5525 STEM – Rocket** Rocket made from kit, exhibitor 14 years and older
- 5526 STEM – Rocket** Rocket from original materials (no kit parts) 14 years and older
- 5527 STEM – Rocket** Rocket designed by exhibitor; alternative skins 14 years and older
- 5530 STEM – Rocket** Rocket designed by two or more exhibitors; 11 years and older; not a kit modification.
- 5535 STEM – Rocket** High Power Rocket made from kit; 14 year and older.
- 5537a STEM – Rocket** Scale Model Rocket made from kit. Include plans. Exhibitors 7-8 years of age (NOT KSF eligible)
- 5537 STEM – Rocket** Scale Model Rocket made from kit. Include plans. Exhibitors 9-13 years of age
- 5538 STEM – Rocket** Scale Model Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans and stability testing. Exhibitors 11-13
- 5539 STEM – Rocket** Scale Model Rocket made from kit. Include plans. Exhibitor 14 years and older
- 5540 STEM – Rocket** Scale Model Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans and stability testing. Exhibitor 14 years and older

## Division Z – 4-H STEM

### ROBOTS- Special Rules:

*Anyone wishing to sell Robots in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).*

1. All kit & original robots must conform to the State Fair Requirement. Please see the Extension Office for State Fair Guidelines.
2. Each exhibitor may enter three robots constructed during the current year. Only one robot may be entered for each type of construction (kit, original, modified).
3. Each entry must be accompanied by an entry card containing member's name, address, club and number of years in the robotics project.
4. Each exhibitor is required to complete the "4-H STEM Robotics Exhibit Information Form" which is available at the Extension Office. This form must be attached to the outside of a 10" x 13" manila envelope. The exhibit must include written instructions for operation, construction plans, one to three pages of project photographs or a five minute CD, DVD or video presentation, and robot programming information, if applicable. This information should be placed inside the 10" x 13" manila envelope mentioned above. Robots that include weaponry of any kind will be disqualified.
5. The robot must be operational and perform the task for which it was designed.
6. In judging entries, the display method will NOT be considered. Judging will be based on the operation, and the explanations of the functions of the robot.
7. Each exhibitor must be able to demonstrate how the robot operates and explain what is occurring with the robot and why.
8. Each robot must be free-standing, without the need for additional supports in order to be moved or exhibited.
9. Robot dimensions should not exceed 2' H x 2' W x 2' D. Weight may not exceed **15** pounds.
10. All electric components of the robot must be adequately covered or concealed with a protective enclosure. Paper is NOT considered an adequate enclosure or covering for electrical components.
11. Robots must be powered by an electrical, battery, water or solar source only. Robots powered by fossil fuels/flammable liquids will be disqualified. All robots must include an on/off switch for operation. No remote control devices will be allowed.

### **DEFINITIONS:**

1. Kit Construction–Purchase a robotic kit and assemble exactly as instructed.
2. Modified Kit Construction–Purchase a robotic kit and assemble with minor changes.



## Division Z – 4-H STEM

3. Original Construction–Design and build your own robot or purchase kit and make major changes.
4. Two types of robots: Tethered robots are hard wired or radio controlled by the operator. Autonomous robots are not tethered, but with on board programmable decision/command and control.
5. Novice Category: Concept Illustration–This category would focus on the pre-requisite knowledge for robot construction. Illustrating the concepts utilized by robots. An apparatus may include several concepts and their potential applications explained. Focus is on Illustration of the concept, not necessarily a "robot." **For 4-H members with 1- 2 years in project.**
6. Intermediate Category: Concept Application–The explanations of the novice category must be included at this level. Focus is on the application of concepts in an apparatus. Novice concepts applied in an apparatus (i.e. kit). This would be a functioning apparatus, illustrated, and explained in a written narrative. This apparatus could be remote controlled (radio or tethered) with or without on board logic/decision making capabilities. **For 4-H members with 3-4 years in project.**
7. Professional Category: Self-Contained, Self-Controlled Robots–Focus is on totally independent robots operating without any interventions performing tasks requiring on board logic choices. Parameters of task and operation must be clearly stated in a narrative. All aspects of operation must be explained. The apparatus needs to illustrate the application of the Novice and Intermediate levels described above. **For 4-H members with 5 or more years in project.**

### STEM (Robot)

- 5505 STEM – Robot** Novice Category: Robot made from commercial (purchased) kit
- 5506 STEM – Robot** Novice Category: Robot designed and constructed by exhibitor
- 5507 STEM – Robot** Novice Category: Programmable robot made from a purchased kit
- 5509 STEM – Robot** Intermediate Category: Robot made from commercial (purchased) kit
- 5510 STEM – Robot** Intermediate Category: Robot designed by exhibitor
- 5511 STEM – Robot** Intermediate Category: Programmable robot made from a purchased kit
- 5513 STEM – Robot** Professional Category: Robot made from a commercial (purchased) kit
- 5514 STEM – Robot** Professional Category: Robot designed by exhibitor
- 5515 STEM – Robot** Professional Category: Programmable robot made from a purchased kit

## Division Z – 4-H STEM

- 5517 STEM – Robot** Robots designed and constructed by two or more exhibitors
- 5519 STEM – Robot** Novice Robot designed and constructed by exhibitor operated by a remote control device
- 5543 STEM – Robot** Novice Junk Drawer Robotics
- 5544 STEM – Robot** Intermediate Junk Drawer Robotics
- 5545 STEM – Robot** Professional Junk Drawer Robotics
- 5546 STEM – Robot** Intermediate Robot designed and constructed by exhibitor and operated by a remote control device
- 5547 STEM – Robot** Professional Robot designed and constructed by exhibitor and operated by a remote control device

### **STEM (Educational Exhibits, Posters, Notebooks and Display boards)**

- 5508 STEM** Novice Robotics Educational Display
- 5512 STEM** Intermediate Robotics Educational Display
- 5516 STEM** Professional Robotics Educational Display
- 5518 STEM** Team Robotics Educational Display
- 5522 STEM** Rocketry Educational Display; age 9-13
- 5523 STEM** Rocketry Notebook; age 9-13
- 5524 STEM** Rocketry Posterboard; age 9-13
- 5528 STEM** Novice Robotics Educational Notebook
- 5529 STEM** Novice Robotics Educational Poster
- 5531 STEM** Rocketry Educational Display; age 14+
- 5532 STEM** Rocketry Notebook; age 14+
- 5533 STEM** Rocketry Posterboard; age 14+
- 5536 STEM** Intermediate Robotics Educational Notebook
- 5534 STEM** Intermediate Robotics Educational Poster
- 5542 STEM** Professional Robotics Educational Notebook
- 5548 STEM** Professional Robotics Educational Poster
- 5549 STEM** Team Robotics Educational Notebook
- 5541 STEM** Team Robotics Educational Poster

### **AG MECHANICS Special Rules:**

*Anyone wishing to sell Ag Mechanics in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).*

1. 4-H members must be currently enrolled in the Kansas 4-H STEM – Ag Mechanics (Welding) project to exhibit in this division.
2. Each exhibitor may enter one exhibit per class. Exhibits must have been constructed or repaired during the current 4-H year.

## Division Z – 4-H STEM

3. Total exhibit dimensions should not exceed 3 feet high, by 3 feet wide, by 3 feet deep. Total exhibit weight may not exceed 150 pounds (movable by a team of 2 people)
4. Wheeled exhibits must utilize a breaking mechanism which prevents the exhibit from freely rolling while on display
5. Each exhibit must be free-standing or sufficiently supported by an exhibitor supplied support system that is moveable and is part of the total demission's and weight of the exhibit as described previously. Exhibit boards should have a portable and moveable base. No exhibits may be staked to the ground for display.
6. Top heavy items should be braced or placed in a stand sufficient to prevent it from toppling over while on display
7. Exhibits may not be bound, affixed, attached to the buildings, except by the superintendent or Extension Staff.
8. Painting or spot painting is not allowed on projects after arrival on fairgrounds. If wet paint is detected by judges or superintendents one ribbon placing will be deducted.
9. Repair projects having adequate original finish need not be repainted
10. Cutting surfaces, such as blades or knives, are to have a protective covering over them to prevent injury. The covering should be easily removed and reinstalled for judging. Foam "pool noodles" and multiple layers of cardboard are acceptable.
11. Exhibits that include weaponry of any kind will be disqualified. Weaponry is defined as any instrument, possession, or creation, physical and/or electrical that is intended to be used to inflict damage and/or harm to individuals, animal life, and/or property.
12. If the exhibit is powered by flammable liquids (gas, propane, kerosene, etc.) the fuel tank and lines should be drained and allowed to dry, to avoid spills and potential fires
13. Electric powered (battery, corded, solar, or alternative energy) should have a primary shutoff or disconnect switch
14. If a safety violation is noted by the judges, superintendent, or other staff, the exhibitor's exhibit, at the judges' discretion, will receive a deduction in ribbon placement or a participation ribbon
15. The exhibitor's name(s) and county or district must be tagged or labeled in a prominent location on the display
16. Each exhibit must include an Ag Mechanics information packet. Entry of just a packet without an accompanying exhibit is not a sufficient exhibit.
17. Each exhibitor is required to complete the "4-H STEM Ag Mechanics Exhibit Information Form" which is available through your local K-State Research and Extension office or at [www.STEM4KS.com](http://www.STEM4KS.com). This form must be attached to the outside of a 10" x 13" manila envelope. Do not tie the envelope to the exhibit.

## Division Z – 4-H STEM

18. Each exhibit information packet should include the following items:
- Bill of materials for the project with associated costs, scrap items used may be listed as having a \$0.00 cost
  - 1 to 5 pages of photos showing work on the exhibit, preferably from a beginning state to final or completed state
  - If appropriate schematics or working drawings relating to the creation or repair
  - If appropriate operating instructions

### **STEM (AG MECHANICS)**

#### Introductory - Level 1 classes (1 - 3 years of experience)

- 5550 STEM – Ag Mechanics** Welding display board – a 3 foot by 3 foot display board with different pieces of metal attached illustrating different types of welds, each weld being labeled
- 5551 STEM – Ag Mechanics** Level 1 Welding ag repair – repair of ag equipment with welding
- 5552 STEM – Ag Mechanics** Level 1 Welding ag fabrication – creation of new ag equipment with welding
- 5553 STEM – Ag Mechanics** Level 1 Welding general repair – repair of non-ag equipment with welding
- 5554 STEM – Ag Mechanics** Level 1 Welding general fabrication – creation of non-ag equipment with welding
- 5555 STEM – Ag Mechanics** Level 1 Welding artistic fabrication – creation of artistic or interpretive pieces with welding
- 5556 STEM – Ag Mechanics** Level 1 Brazing repair
- 5557 STEM – Ag Mechanics** Level 1 Brazing fabrication
- 5558 STEM – Ag Mechanics** Smithing display board – a 3 foot by 3 foot display board with different pieces of forged metal attached illustrating different forms, each form being labeled
- 5559 STEM – Ag Mechanics** Level 1 Smithing – A design forged with at least one formed element (twists or spirals for example)

#### Experienced – Level 2 classes (4 - 6 years of experience)

- 5560 STEM – Ag Mechanics** Level 2 Welding ag repair – repair of ag equipment with welding
- 5561 STEM – Ag Mechanics** Level 2 Welding ag fabrication – creation of new ag equipment with welding
- 5562 STEM – Ag Mechanics** Level 2 Welding general repair – repair of non-ag equipment with welding
- 5563 STEM – Ag Mechanics** Level 2 Welding general fabrication – creation of non-ag equipment with welding
- 5564 STEM – Ag Mechanics** Level 2 Welding artistic fabrication – creation of artistic or interpretive pieces with welding

## **Division Z – 4-H STEM**

**5565 STEM – Ag Mechanics** Level 2 Brazing repair

**5566 STEM – Ag Mechanics** Level 2 Brazing fabrication

**5567 STEM – Ag Mechanics** Level 2 Smithing – A design forged with at least two different formed elements (twists and spirals for example)

### Advanced – Level 3 classes (7 - 9 years of experience)

**5570 STEM – Ag Mechanics** Level 3 Welding ag repair – repair of ag equipment with welding

**5571 STEM – Ag Mechanics** Level 3 Welding ag fabrication – creation of new ag equipment with welding

**5572 STEM – Ag Mechanics** Level 3 Welding general repair – repair of non-ag equipment with welding

**5573 STEM – Ag Mechanics** Level 3 Welding general fabrication – creation of non-ag equipment with welding

**5574 STEM – Ag Mechanics** Level 3 Welding artistic fabrication – creation of artistic or interpretive pieces with welding

**5575 STEM – Ag Mechanics** Level 3 Brazing repair

**5576 STEM – Ag Mechanics** Level 3 Brazing fabrication

**5577 STEM – Ag Mechanics** Level 3 Smithing – A design forged with at least three different formed elements (twists, spirals, and bulbs for example)

### Master – Level 4 classes (10 or more years of experience)

**5580 STEM – Ag Mechanics** Level 4 Welding ag repair – repair of ag equipment with welding

**5581 STEM – Ag Mechanics** Level 4 Welding ag fabrication – creation of new ag equipment with welding

**5582 STEM – Ag Mechanics** Level 4 Welding general repair – repair of non-ag equipment with welding

**5583 STEM – Ag Mechanics** Level 4 Welding general fabrication – creation of non-ag equipment with welding

**5584 STEM – Ag Mechanics** Level 4 Welding artistic fabrication – creation of artistic or interpretive pieces with welding

**5585 STEM – Ag Mechanics** Level 4 Brazing repair

**5586 STEM – Ag Mechanics** Level 3 Brazing fabrication

**5587 STEM – Ag Mechanics** Level 4 Smithing – A design forged with at least four different formed elements (twists, spirals, and bulbs for example)

## Division Z – 4-H STEM

**ARCHITECTURAL BLOCK CONSTRUCTION (LEGOS) *Special Rules:***  
*Anyone wishing to sell ABC in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).*

1. 4-H members must be currently enrolled in the Kansas 4-H STEM – Architectural Block Construction project to exhibit in this division.
2. Each exhibitor may enter one exhibit. Exhibits must have been constructed during the current 4-H year.
3. The minimum exhibit dimensions must be at least 6 inches wide and deep.
4. All exhibits should be placed in a sturdy see through enclosure with a top, bottom, and 4 sides. A clear tub turned upside down with the exhibit placed on the lid would be an acceptable enclosure. It may be desirable to place a cutting board or other hard surface between the lid and base plate of the exhibit to make it sturdy. This is to keep exhibit components from being “scattered to parts unknown” at the fair. The outer dimensions of the enclosure do not count towards the total exhibit dimensions but should not be excessive
5. All components used in construction should be dust free, clean, free of chips, scuffs, or cracks
6. The primary building component should be interlocking blocks, commonly referred to by the brand name of Lego®
7. Other architectural components can be integrated into dioramas to illustrate architectural aspects that may be difficult to convey with traditional interlocking blocks
8. The use of existing “store bought” sets for major architectural elements of the display is not allowed, use of figurines from sets is allowed as are using individual bricks to create something different than the architectural component of the set it came from.
9. Dioramas should be suitably complex and have multiple elements, for example a camp site that has a log cabin, a tree fort, and a car.
10. All dioramas should have a story, which is part of the information pack, that describes what is happening in the diorama; this can be as simple (the nursery rhyme “Jack and Jill” for example) or complex as needed to explain to someone looking at the exhibit what is happening
11. Gaps or cracks should not be visible between assembled blocks unless they fit with the story, for example an earthquake.
12. Vehicles that are intended to stay in a single place should be affixed to base plates with sticky tack, hot glue, or other method.

## Division Z – 4-H STEM

13. Mechanical enhancements or motion elements that add motion to the diorama are acceptable and encouraged. If used judges should be able to use them and instructions should be provided for operation.
  14. Artistic designs, for example recreating paintings like the “Mona Lisa” or “Stary Nights” and sculptures like “David,” are not permitted as exhibits and one ribbon placing should be deducted, these exhibits should be displayed in arts and crafts Visual Arts.
  15. The exhibitor’s name(s) and county or district must be tagged or labeled in a prominent location on the display
  16. Each exhibit must include an Architectural Block Construction information packet. Entry of just a packet without an accompanying exhibit is not a sufficient exhibit.
  17. Each exhibitor is required to complete the “4-H STEM Architectural Block Construction Exhibit Information Form” which is available through your local K-State Research and Extension office or at [www.STEM4KS.com](http://www.STEM4KS.com). This form must be attached to the outside of a 10” x 13” manila envelope. Do not tie the envelope to the exhibit.
  18. Each exhibit information packet should include the following items:
    - a. 1 to 5 pages of photos showing work on the exhibit, preferably from a beginning state to final or completed state, these help in determining where a part might go in case something comes loose.
- b. If appropriate operating instructions for mechanical portions of the diorama

### Introductory - Level 1 classes (1 - 3 years of experience)

**5710 STEM – Block Construction** Diorama illustrating at least 2 architectural features beyond floors, ceilings, and walls

### Experienced – Level 2 classes (4 - 6 years of experience)

**5711 STEM – Block Construction** Diorama illustrating at least 4 architectural features beyond floors, ceilings, and walls, and includes 1 or more motion elements

### Advanced – Level 3 classes (7 - 9 years of experience)

**5712 STEM – Block Construction** Diorama illustrating at least 6 architectural features beyond floors, ceilings, and walls, and includes 2 or more motion elements

### Master – Level 4 classes (10 or more years of experience)

**5713 STEM – Block Construction** Diorama illustrating at least 8 architectural features beyond floors, ceilings, and walls, and includes 3 or more motion elements

## Division AA – 4-H Visual Arts

### *VISUAL ARTS COMMITTEE*

Paula Gray\*

Josie Kueser

Michelle Schwerdtfeger\*

Katie Kueser

Sage Gray

Ashlyn Schwerdtfeger

### *Special Rules:*

*Anyone wishing to sell Visual Arts in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).*

1. Exhibitors limited to a total of six entries, but only one school-made exhibit.
2. A Champion and Reserve Champion will be picked from each age class if deserving. Grand Champion overall will be selected.
3. Articles exhibited must be an original design created by the exhibitor.
4. All visual arts exhibits are evaluated using a visual arts rubric, which takes into account correct use of design elements, craftsmanship, and creativity.
5. Bring entries at the time they are to be judged.
6. All exhibits which need to be hung (including all fine arts) must have a wire or saw tooth hanger attached (no string or tape). If necessary hardware is not attached, it will be deducted a ribbon and will not be displayed.
7. If exhibit has been made from a kit, be sure to enroll it in the kit/mold class (KITS ARE NOT STATE FAIR ELIGIBLE)
8. The judges will choose up to one entry from divisions A-E below to advance to the State Fair competition. (members must be at least 9 years old by January 1 in order to take entries to the state level).
9. Firearms and weapons are not eligible exhibits.
10. Visual Arts Divisions:

#### **A. Fine Arts**

Oil, chalk, charcoal, dyes, pastels, pencil, ink, acrylic, or watercolor on canvas, canvas board, paper, wood, metal, or textiles, framed as a picture, prepared for hanging. Stretched canvas art on a wooden frame is considered prepared for hanging provided that frame has a hanger.

#### **B. Clay and Ceramics**

Any original item made of clay; may be fired or unfired, hand formed, or thrown on a wheel. Self-hardening, fire/oven-cured, and/or cornstarch clays are acceptable. Items can include, but are not limited to, clay statues, bowls, etc.

#### **C. Leather and Jewelry**

Any leather stamping, carving, tooling, lacing, or stitching piece or any jewelry piece made from any medium are acceptable exhibits.



## Division AA – 4-H Visual Arts

### **D. Three-Dimensional**

The piece must be observable on at least three sides and should be either free-standing or prepared to be hung. Craft and pre-formed or assembled projects are not acceptable.

### **E. General Crafts**

This category incorporates miscellaneous pieces that do not correspond to the four, above-mentioned categories.

### **F. Kits/Molds**

Anything that is made from a kit or mold (not state fair eligible)

**Copyright** \*Kits and preformed molds are not considered original and are not acceptable in any Visual Arts Class, except the kit/mold class. Combining parts of different patterns (pictures, photographs, images from the internet or a magazine) with the member's own ideas can result in an original design, but simply changing the color, pattern, and/or size of a pattern does not make the design original. If you create a replica of what you see somewhere else (i.e. Pinterest), it is not your original design. If a photo, sketch, or other idea source was used, submit it with your entry, firmly attached to your exhibit.

### Visual Arts

#### **4500 Junior**

Junior

- A. Fine Arts**
- B. Clay and Ceramics**
- C. Leather and Jewelry**
- D. Three Dimensional**
- E. General Crafts**
- F. Kits/Molds**

#### **4501 Intermediate**

Intermediate

- A. Fine Arts**
- B. Clay and Ceramics**
- C. Leather and Jewelry**
- D. Three Dimensional**
- E. General Crafts**
- F. Kits/Molds**

#### **4502 Senior**

Senior

- A. Fine Arts**
- B. Clay and Ceramics**
- C. Leather and Jewelry**
- D. Three Dimensional**
- E. General Crafts**
- F. Kits/Molds**

## Division BB – 4-H Wildlife

### WILDLIFE COMMITTEE

Tim Hays\*

#### **Special Rules:**

**Anyone wishing to sell Wildlife in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).**

**Exhibitors must comply with state and federal laws.** It is illegal to possess threatened or endangered wildlife, or the feathers, nests, or eggs of non-game birds. Game birds and game animals taken legally during an open season may be used. The use of live wild animals in educational exhibits is prohibited.

**5400 Notebook.** Contents pertain to some phase, results, story, or information about the wildlife project

**5401 Promotional Poster.** Must be related to something learned in the wildlife project. (Flat poster board or foam board no larger than 22" x 28")

**5402 Educational Display.** Must be directly related to the wildlife project. Maximum tri-fold size is 3' x 4'.

**5403 Taxidermy/Tanning Exhibit.** Should include an attachment that shows the work in progress through photos with captions, or a detailed journaling of the process.

## Division CC – 4-H Woodworking

### WOODWORKING COMMITTEE

Paxton Huseman

Lane Howard

#### **Special Rules:**

**Anyone wishing to sell Woodworking in the Silent Auction must return an Intent to Sell Card to the Fair Office by noon, Wednesday July 19. There is no minimum ribbon placing to sell in the Silent Auction (refer to 4-H Silent Auction Special Rules, p. 32).**

1. In judging woodwork articles, consideration is given to:

Usefulness

Workmanship

Design

Choice of wood

Suitability and quality of finish

## **Division CC – 4-H Woodworking**

2. EACH ARTICLE EXHIBITED MUST BE ACCOMPANIED BY THE PLANS, BLUE PRINT OR WORKING DRAWING USED FOR CONSTRUCTION. Label each article showing intended use. Designate on the entry if the article is original or kit-construction.
3. Label each article giving owner's name, address, club and name of article. Label placed with masking tape or tied to exhibit is preferred.
4. 4-H member is limited to five entries in this division. One school made entry will be permitted.
5. Woodworking exhibits consist of woodwork article for farm and shop use, lawn furniture, household furniture, other woodwork article not included in the above, piece of repaired and refinished furniture (a brief explanation of the work completed must be attached to the exhibit) or any article made from a kit.
6. Projects from a kit are not eligible for State Fair exhibit.
7. The entry card, plans and all other paperwork should be enclosed in a zip top plastic bag with a hole punched through it and tied or otherwise secured to the project in some manner. Tape is usually not adequate to accomplish this.

### **Woodworking**

**4700 Article for Farm or Shop Use**

**4701 Furniture for Household or Lawn Use**

**4702 Other Woodwork**

# Thank You

To all of the 2022 Premium Auction Buyers. Your support of Ellsworth County 4-H is much appreciated! THANK YOU!

181 Ag Supply  
4S Feeders  
Agco, Inc  
Allen and Karen Grothusen  
American Ag Credit  
Amy Westerman  
Amy's Accounting  
Anita Schwerdtfeger  
Bar K Bar Trucking  
Baron Show Pigs  
Beaver Grain  
Bennington State Bank  
Berekley Capital Management  
Beverly Westerman  
Blessings Childcare  
Blue Stem Auto  
Bob and Julie Nienke  
Bob Fredrickson  
Brad and Karen Kratzer  
Brent and Sarah Goss  
Brokes Family Farms  
BZ Bee, Inc.  
C & C Lott Revocable Trust  
Calm Creek Carriers  
Cargill  
Carol Joanis  
Carrico  
Central Prairie Coop  
Choitz Brothers  
Citizen's State Bank & Trust  
CK Ranch - Vanier Land Company  
Clint and Heather Donley

Commercial Tire Center, Inc  
Concrete Carriers  
Conoco Travel Shoppe  
Craig and Debbie Mog  
Craig Zwick  
Crop Production Services  
Crop Service Center  
D & K Rolff  
Dan and Tammy Kruse  
Danielle Kasper  
Diamond H  
Diesel Pickup Specialist, Inc  
Dorrance Fire Department  
Double D Hogs  
Ellinwood Tank Service  
Ellsworth Animal Hospital  
Ellsworth Coop  
Ellsworth Federal Bank  
Ellsworth Packing Plant  
Eschbaugh Advertising  
Farm Bureau, Rick Connally  
Farmers & Ranchers Livestock  
First Bank Kansas  
First Kansas Bank  
Flint Warta  
Fred Weigel Jr.  
G-Stop  
Garret Stewart  
Geiger Cattle  
Gene Meitler Memorial Fund  
Golden Living Center  
Gordon Homeier

Grandma's Soda Shop  
Grant Dobbins  
Great Bend Coop  
Great Bend Feeding  
Green Garden Angus  
Greg and Debbie Brenneman  
Gulf Coast Measuring Services  
Gunnar Hays  
H&B Communications  
Habiger Farm Harvesting  
Harrison Electric  
Hedlund Electric  
Hlaus Farms  
Hoft Red Angus  
Home Telephone Co.  
Homeier Farms  
Ideal Real Estate  
Issacson's Trucking  
J&R Feeds - Jon Wright  
J-Six Farms  
Janet Splitter  
Janssen Hog Farms  
Janssen Ranch  
Janssen Red Angus  
Jerry Rush  
Joe Wright (Three G, LLC.)  
John and Jo Reilly  
John Dolezal  
Joshua and Angela Kemke  
Kan-Equip  
Kansas Originals  
Kasper Cattle Co  
KDH Shorthorns  
Kenny's Construction  
Kermit Rush  
Kinsley Feeders

Kirkham Michael & Assoc.  
Kratzer Custom Swathing  
Krueger Farms  
Kruse Fireworks  
Laas Cattle- Doug Laas  
Laas-Kempke Hay  
Lacross Livestock  
Lazy HH  
Leigh Hendrickson  
Leon Weigel  
Levi Tree Service  
Linden Rebuilding  
Liz and Dustin Perkins  
Lorraine State Bank  
Lyman Nuss  
Lyons Federal Bank  
Lyons Vet Clinic  
Made From Scratch  
Maico  
Marine Specialty  
Marquette Farmers State Bank  
Marquette Insurance Agency  
Marty and Cherie Sauers  
Mary Kay Seifers  
Michael Homeier  
Midway Coop  
Mike Kratky-Pioneer Seed  
Modern Ag Services  
Mushrush Red Angus  
Nelson Farms  
Newell Family Show Pigs  
Niki Svaty  
Nutrien Ag Solutions  
Oleen Cattle Co. - Glenn & Gwen  
Oleen  
Oswalt Auction  
Pat and Dale Kubrick

Peterson & Staudinger  
Pfizer  
Phyllis Norris  
Piper Fine Foods  
Plum Creek Trucking  
Polman-Varner-Peeler Mortuary & Monuments  
R J Fencing  
Raleigh Insurance  
Ranchland Forge Veterinary Services  
Red Door Salon  
Refine  
Reliant Roofing  
Robert Behnke  
Rockin R Angus Ranch  
Rocking MR Campers  
Roger and Kathryn Foran  
Ron and Sheri Hays  
Ron Frederking Enterprise  
Rosebrook Custom Ag  
Russell Farm Bureau  
Russell Livestock  
Russell Vet Service  
Rusty Bucket Liquor  
S&S Fencing  
Schaff Angus Valley  
Schneider Feeding  
Sellers Feedlot  
Seth and Shelly Rolfs  
Sexton Genetics  
Sherman, Hoffman and Hoffman  
Short family

Short Mowing  
Sims Fertilizer And Chemical  
Smokey Valley Distilleries  
Smoky Valley Tire  
Smoky Y Red Angus  
Snack Shack  
Sonny Bohnen  
Splitter Farms  
Steadfast Genetics – Dwight Elmore  
Stop 2 Shop  
Sun Ranch  
Sylvan Sales Commission  
Terry and Linda Vague  
The Citizens State Bank McPherson  
Thielen Farms  
Tim and Christina Vague  
Tom's Ranch House  
Tony and Michelle Brokes  
Town and Country Animal Hospital  
Town and Country Repair Service  
Travel Time  
Tyrel and Ashley Lembke  
UMB Bank of Russell  
Valley Vet Supply  
Victor Brothers  
Wayne's Ag Aviation  
Wilson Communications  
Wilson Fire Department  
Wilson Foods  
Wilson State Bank  
Wilson Wine and Spirits  
Wolverine Fine Foods