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**4-H Fair**  
**[www.sumner.ksu.edu](http://www.sumner.ksu.edu)**  
**August 2 - 5, 2018**  
**Caldwell, Kansas**

Dear 4-H family: The fair book lets you know the times, dates, and rules for your 4-H exhibits. Let us know if you have questions.  
See you at the fair!

Randy Hein, CEA  
Agriculture & Natural Resources  
K-State Research & Extension  
Sumner County

Bernadette Love, CEA  
Family & Consumer Sciences  
K-State Research & Extension  
Sumner County

**Concession Stand Work Schedule**

**Thursday August 2, 2018**

5:00 pm – 9:00 pm...Buccaneers

**Friday August 3, 2018**

10:00 am – 3:00 pm...Wheat Capital Kids

3:00 pm – 8:00 pm...Trail Blazers

**Saturday August 4, 2018**

10:00 am – 3:00 pm...Redwing

3:00 pm – 8:00 pm...Cardinals



## SCHEDULE OF EVENTS -2018 4-H FAIR

<b>July 16 Monday</b>		Pre-entries due for the following: Fashion Revue, Livestock, 4-H Horse Show, Fiber Arts, Booths and Banners, Shepherd's Lead, Window Display, Photography Slides and Video/Movie exhibits
<b>July 21 Saturday</b>	8:00 am	4-H Horse Show- Conway Springs Arena
<b>July 26 Thursday</b>	TBA	Clothing Construction Judging
<b>July 26 Thursday</b>	6:30 pm	Fashion Revue, Judging and Public Revue
<b>July 28 Saturday</b>	6:00 pm	County Horse Show – Argonia Arena
<b>August 2 Thursday</b>	12noon - 1 pm	Banner put in place by 4-H participant from that club
	1 - 4:00 pm	Set Up Booths
	4 - 8:00 pm	Enter Livestock
	8:30 pm	Required Livestock exhibitors meeting in barn
	4 - 8:00 pm	Enter & Consultative Judging – Fiber Arts, Arts & Crafts, Foods, Woodwork, Electric, Crops & Horticulture, Home Improvement, Photography, Educational Displays & Miscellaneous, SpaceTech, Entomology, Geology
	6:00 pm	Judge: Booths & Banners
	.	Judge: Club Cookie Jars
<b>August 3 Friday</b>	8:00 am	Judge: Swine Show
	5:30 pm	Judge: Shepherds Lead
	6:00 pm	Judge: Sheep Show
	7:00 pm	Judge: Goat Show
<b>August 4 Saturday</b>	8:00 am	Judge: Bucket Calf Show
	follows Bucket Calf Show	Judge: Beef Show
	follows Beef Show	Judge: PeeWee Show
	4:00 pm	Round Robin Showmanship Contest
<b>August 5 Sunday</b>	12:00(Noon)	Check-Out 4-H Exhibits
		<b>All 4-Hers needed to help with Fair Buildings Clean-up</b>
	1:30 pm	Buyers Lunch
	3:00 pm	Cookie Jar Auction followed by Junior Livestock Auction

### FAIR PRE-ENTRY FORM INFORMATION & DATES

Pre-Entry Forms may be found on our website [www.sumner.ksu.edu](http://www.sumner.ksu.edu) in a fillable format that can be emailed to [su@listserv.ksu.edu](mailto:su@listserv.ksu.edu) or you may come to the Extension office for a hard copy for the following.

Contact the Sumner County Extension office for Horse Show rules and policies as well as Rabbit, Poultry & Hand Pet Show rules and policies.

## 4-H FAIR GENERAL RULES

1. **4-H Entries:** All entries must be made on official entry cards, available from the extension office, or at the 4-H Fair. Entry cards must be filled out for each exhibit before approaching the judging table.

**Pre-Entries:** Pre-entries are required for some exhibits. Pre-entries made after the designated due date are eligible for ribbons, but cannot compete for Grand & Reserve Champion.

**County Fair Entries - Junior Division:** At the conclusion of the 4-H judging 4-H entries may be entered in the County Fair - Junior Division where a class exists. Entering of the items in the junior division will be the responsibility of the 4-H member.

2. **4-H Requirements:** Exhibitors must be bona fide Sumner County 4-H Members. Members can exhibit only from those projects in which they are enrolled. All exhibits must be the result of the current year's project work and produced by the exhibitor.

3. **Removal of Exhibits:** All exhibits will be released at the scheduled time on the last day of the fair unless division rules state otherwise.

4. All 4-H members must exhibit at the 4-H Fair (where classes are provided) to be eligible to attend the Awards Banquet. In case of an emergency, exhibiting at the fair may be excused.

5. **Awards:** (a.) Group system of awards will be followed in all divisions. Purple, Blue, Red or White ribbons will be awarded. No purple ribbons are awarded in livestock. Special Awards are listed within each department. Superintendents may rule exhibits unacceptable judges will determine if grand and reserve champion awards will be given.

(b.) Ribbons, but not premiums, should be awarded in events where the member's ability rather than his project is being judged. Such events include demonstrations, fashion revue, fitting and showing, judging, performance classes for horses, etc. This policy is in line with an agreement between the State 4-H Office and the Kansas High School Activities Association, and has a direct bearing on a student's amateur standing.

6. **Premiums:** Premiums will be awarded after the 4-H Fair, if money is available. Errors should be reported immediately to your club leader or 4-H Agent for correction.

7. **Kansas State Fair** entries maybe made according to limits & classes listed in the KS State Fair 4-H Book, [www.kansasstatefair.com](http://www.kansasstatefair.com).

8. The superintendents will supervise the receipt of all articles or animals in their departments and assign them to their proper places. Superintendents may create new classes when necessary. **Superintendent's decisions are final and override any printed material.**

### 9. Livestock General Rules:

a. Number of animals entered per species will be as follows:

Beef: 2 Market and 2 Breeding	Sheep: 2 Market and 2 Breeding
Swine: 2 Market and 2 Breeding	Goats: 2 Market and 2 Breeding

b. 4-H Members must provide suitable care, feed, and equipment for livestock exhibits. Premium money will be forfeited if animal is not satisfactorily cared for.

c. Exhibitors with 2 entries in 1 class may have another 4-H member show one entry, with approval of the division superintendent.

d. 4-Hers are encouraged to have purebred or registered breeding livestock.

Grade animals may be exhibited.

e. All market animals' tag numbers must be listed on the official weigh-in sheet to be eligible to show.

f. Animals will be inspected at entry by Superintendent and/or vet. Animals deemed unfit will be denied entry to fair and fairgrounds.

g. Exhibitor must own and tag the following animals by the dates listed to be eligible to show.

\* Market Beef by May 1, of current year

\* Bucket Calf, Market Swine, Market Lambs, and Meat Goats by June 15, of current year.

h. Exhibitor must own the following animals by the dates listed to be eligible to show.

\* Breeding Beef, Swine, Sheep, & Meat Goats by June 15, of current year.

\* Dairy Goats and Dairy Cows, by May 1, of current year.

i. Exhibitors are responsible to provide their own bedding.

j. Only animals entered in the fair will be allowed to stall or pen at the fair.

k. **Set-up and Clean-up Policy** - If an exhibitor cannot make set-up night, arrangements must be made by superintendent or County Agent to work prior to fair. Livestock exhibitors must check out with superintendent or County Agent on final cleanup. If these conditions are not met, \$50.00 may be held from fair premiums or livestock sale proceeds.

l. When cleaning pens or working with animals, put waste in truck. **DO NOT** leave piles in or around the livestock barn. Do not put waste in trash barrels.

m. **GROOMING:** Each Exhibitor must groom his or her own animal and may use only the assistance of an immediate family member (mother, father, legal guardian, brother or sister), another 4-H or FFA member who is an exhibitor at the fair, FFA Advisor or 4-H Project Leader. This rule will be strictly enforced and any exhibitor violating it will have their animal in question eliminated from competition. Anyone wishing to report unauthorized people grooming animals must sign a complaint at the Fair Office that includes names of the owner, animal tag number, time and date of the observation. A committee appointed by the Fair Board will take action. **Sheep/Goat Divisions:** All market lambs, commercial ewes and goats must be "slick shorn", above the knee and hock joints including the head, before arrival on the Fair grounds. A maximum of 0.2 (two tenths) inch of wool is permitted on market lambs and commercial ewes. A maximum of 0.4 (four tenths) inch of hair is permitted on market goats. Hair on the tail switch may be left on goats. There will be no shearing of market lambs, commercial ewes or goats allowed on any part of the grounds after arrival. Anyone found in violation will have his or her electric clippers temporarily confiscated and that animal will be disqualified. Touch-up clipping with scissors or hand shears will be allowed. No artificial coloring/use of adhesives is allowed on market lambs and commercial ewes.

n. Livestock released at the discretion of the Superintendent.

**DIVISION A  
CLOTHING SEWING CONSTRUCTION**

**CONSTRUCTION**

1. All garments made by 4-H member will be judged at the Raymond Frye Complex on July 26, 2018 time TBA. More information will be sent on time and place to those enrolled in project. No 4-H judging will be done during the fair.
2. Exhibitors may enter all items made in the Clothing & Textiles project for the age level of the exhibitor.
3. Pre-cut kits are acceptable. Care labels are not required; however, the judge may ask the care of the garment.
4. An outfit is two or more pieces that can be worn together. Do not exhibit purchased items.
5. All garments should be on hangers, cleaned and pressed.
6. Recycled Clothing Project-An item made of at least 50% recycled material (recycled means reusing an existing item in a new way). Could be remaking/redesigning a garment, re-purposing a clothing item for a new use, etc. Must include sewing of some kind. An index card (no larger than 4" x 6") must accompany entry describing the recycled materials and how they were used in the item.
7. The exhibitor is encouraged to attach an index card or photo, no larger than 4" x 6" with the entry form to give the judge any information which the exhibitor thinks would be helpful for the judge to know.

- \*Class 1 An article, garment or outfit constructed by 7-8 year old exhibitor
- Class 2 An article, garment or outfit constructed by 9-11 year old exhibitor
- Class 3 An article, garment or outfit constructed by 12-14 year old exhibitor
- Class 4 An article, garment or outfit constructed by 15-18 year old exhibitor
- Class 5 Educational exhibit
- Class 6 Recycled clothing project
- Class 7 Non-clothing article

**BUYMANSHIP**

**\*Class 25** Buymanship Window Display

Open to all 4-hers enrolled in Clothing Buymanship. Use garments purchased for the project during the current 4-H year. Exhibitor is responsible for props and display materials. Display is limited to 36"H x 32" W. Include in the display an information sheet no larger than 8 ½ x 11" that explains the purpose, occasion, cost, how the item fits in your wardrobe plan, including how to extend wear through multiple seasons, a picture of you in the outfit and any other pertinent information about your clothing display entry. The display of accessories is optional but must be securely fastened to the display. Pictures of the accessories may be displayed on the backdrop to add to the display board. Display setup by the 4-H member will be on Thursday of the Sumner County Fair. Judging will take place between 4:00 – 8:00 p.m. on Thursday.

**\*No State Fair Classes**

**DIVISION B  
FASHION REVUE**

Superintendents: Angie Baker, Kelly Basinger, Sharon Taton

The public is invited to the modeling of the latest fashions selected and made by 4-H members.  
Thursday, July 26 at Raymond Frye Complex, 320 N Jefferson, Wellington, KS  
6:30 p.m.

Modeling will be in the auditorium

- \* 4-H members may model one or two buymanship garments or outfits of their choosing.
  - \* 4-H members may model one or two constructed garments or outfits that they have made during this 4-H year.
- Pre-entries are required by July 16 and forms are available online at [www.sumner.ksu.edu](http://www.sumner.ksu.edu)

### **Buymanship**

- Class 700** 4-H member in the 1<sup>st</sup> – 3<sup>rd</sup> year in Clothing Buymanship project
- Class 700a** Second outfit for the 1<sup>st</sup> – 3<sup>rd</sup> year in Clothing Buymanship project
- Class 702** 4-H member in the 4<sup>th</sup> – 6<sup>th</sup> year in Clothing Buymanship project
- Class 702a** Second outfit for the 4<sup>th</sup> - 6<sup>th</sup> year in Clothing Buymanship project
- Class 704** 4-H member in the 7<sup>th</sup> – 11<sup>th</sup> year in Clothing Buymanship project
- Class 704a** Second outfit for the 7<sup>th</sup> – 11<sup>th</sup> year in Clothing Buymanship project

### **Clothing Construction**

- Class 720** 4-H member in the 1<sup>st</sup> – 3<sup>rd</sup> year in Clothing Construction project
- Class 720a** Second outfit for the 1<sup>st</sup> – 3<sup>rd</sup> year in Clothing Construction project
- Class 722** 4-H member in the 4<sup>th</sup> – 6<sup>th</sup> year in Clothing Construction project
- Class 722a** Second outfit for the 4<sup>th</sup> – 6<sup>th</sup> year in Clothing Construction project
- Class 724** 4-H member in the 7<sup>th</sup> – 11<sup>th</sup> year in Clothing Construction project
- Class 724a** Second outfit for the 7<sup>th</sup> – 11<sup>th</sup> year in Clothing Construction project

**\*Must have a picture of the clothing being worn to help judges to remember what they are judging. Must be turned in the day of Fashion Revue.**

Scripts must be typed on an 8 ½ x 11 sheet of paper to help the readers and turned in by July 20<sup>th</sup> by 5:00 pm to the Extension Office.

**Example Script:** [4-H members first and last name is looking forward to the first day of school in this (describe the outfit). (4-Hers first name) really enjoys the clothing project. This year she/he has learned...give at least 3 things they have learned or done in the clothing project this year. (4-Hers first name) is a member of the (name of their 4-H club).]

**Sample Script:** Randy Hein enjoyed 4-H camp last June in this sporty tan shorts and K-State purple short sleeve shirt outfit. Randy really enjoys the clothing project and has learned that you can get some really good buys when the sales are in full swing. He practiced sewing on a button this year and learned to read the care labels on clothes before doing the laundry. Randy is a third year member of the Happy Go Lucky 4-H club.

**Script ideas:** for other outfits 4-Hers are modeling--

- \*Scripts can be written with the name of their 4-H club at the beginning to add variety.
- \***For a second outfit** tell the audience about the 4-H members 3 favorite things to do in 4-H.
- \***For a third outfit** tell the audience about 3 achievements or accomplishments in 4-H. (like this is the first year they made a yeast bread or they helped a younger 4-H member build their rocket).
- \***For a fourth outfit** tell the audience about 3 achievements or accomplishments in school.

**DIVISION C**  
**FOODS & PRESERVATION**

**FOODS**

1. Recipes are required for all food product exhibits. No alcohol should be included as an ingredient in food entries. Entries with alcohol in the recipe will be disqualified and not be **judged**.
2. 4-H'er may make four different entries in the age level for the current 4-H year. Remove baked products from baking pans and place on heavy paper plates or on foil covered cardboard that fits the size of the product. Place in a clear plastic bag -large cakes will fit in turkey bags. Plastic wrap and light paper plates are not acceptable. All baked goods must be left whole and uncut. Small items, such as cookies and rolls, should be the same shape and from the same recipe. Exhibit 6 cookies, 6 muffins, 6 bread sticks, 1 loaf bread, 1 pie, 1 cake, etc.
3. **Label the bag gluten free or sugar free.**
4. All unfrosted cakes shall be exhibited in upright position with top crust showing (angel food, sponge, and chiffon cakes).
5. Non-Perishable foods meet food safety guidelines. Food safety purposes, any food with custard and cream cheese type fillings and frostings, flavored oils, "canned" bread or cakes in a jar, or food requiring refrigeration will not be judged. Refer to K-State Research and Extension publication, 4-H 712, Food Safety Recommendations for Acceptable Fair Exhibits, for information to help you make informed, safe food exhibit decisions. Publication link: [http://www.ksre.ksu.edu/library/4h\\_y2/4H712.pdf](http://www.ksre.ksu.edu/library/4h_y2/4H712.pdf)
6. Cakes may be made from your favorite recipe or commercial mix.
7. Food Gift Package - Food items will be tasted by judge. These foods items should not be entered separately as other food exhibits. Maximum size of 18" including container. Must contain 3 different food items prepared by the 4-Her. On a 3: x 5: card, describe in 50 words or less, the purpose of the gift package. *No Alcoholic Beverages allowed.*
8. Educational Exhibits cannot exceed standard 3' x 4' trifold display board.
9. Modified food product must be modified from original recipe to nutritionally enhance the food product. Attach one- 8 ½ x 11 inch page (front and back) that include Original Recipe, Modified Recipe, and Narrative to describe modifications were made and lessons learned such as nutritive value, or changes in appearance, doneness, aroma, flavor, tenderness and/or texture. Example: a standard blueberry muffin recipe that is modified to make it gluten free. Suggested resources: Altering Recipes for Better Health Purdue University: <http://www.extension.purdue.edu/extmedia/cfs/cfs-157w.pdf> Altering Recipes for Good Health Texas A&M University: [http://fcs.tamu.edu/food\\_and\\_nutrition/pdf/altering-recipes.pdf](http://fcs.tamu.edu/food_and_nutrition/pdf/altering-recipes.pdf)
10. Decorated Cookie Jar- 4-H Clubs and any organized 4-H groups Only. 1 gallon decorated cookie jar, include 5 varieties of cookies with a sample of each on a plate for judging. The cookie jar dimensions may be no larger than 15" high x 15" wide. Judging is based on: meeting the requirements listed, Overall Decoration, and Cookies.
11. All judged food items will be offered for sale at the 4-H food stand immediately following 4-H and/or Open Class judging.
12. Exhibitors receiving purple ribbons must meet State Fair guidelines to enter in the State Fair.

- \***Class 87** Non-perishable food product made by 7-8 year old exhibitor
- Class 88** Non-perishable food product made by 9-11 year old exhibitor
- Class 89** Non-perishable food product made by 12-14 year old exhibitor
- Class 90** Non-perishable food product made by 15-18 year old exhibitor
- Class 91** Educational exhibit
- Class 92** Food gift package
- Class 93** Modified non-perishable food product.
- \***Class 94** Decorated cake
- \***Class 95** Decorated 4-H Club Cookie Jar

\***No State Fair Classes**



## FOOD PRESERVATION

Open to all 4-H members enrolled in Foods project

1. Exhibits must have been preserved since the member's previous year's county fair, and not been exhibited at the previous State Fair. Example: For fair date August 15, 2015 items canned following that date can be exhibited at this year's State 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, oven 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, 6<sup>th</sup> edition. The University of George Cooperative Extension Service  
Ball Blue Book Guide to Preserving  
Ball Complete Book of Home Preserving  
All New Ball Book of Canning and Preserving  
Canning mixes (i.e. Mrs. Wage's, Ball)  
Pectin manufacturers (i.e. SureJell, Ball)  
<http://www.rrc.k-state.edu/preservation/recipes.html>  
Refer to following K-State Research and Extension publications for more information:  
4H712, Food Safety Recommendations for Food Preservation Exhibits  
(<http://www.ksre.ksu.edu/bookstore/pubs/4H712.pdf>)  
MF3170 "10 Tips for Safe Home-Canned Food" (<http://www.ksre.ksu.edu/bookstore/pubs/MF3170.pdf>)  
MF3171 "Sassy Safe Salsa at Home" (<http://www.ksre.ksu.edu/bookstore/pubs/MF3171.pdf>)  
MF3172 "What's Your Elevation?" (<http://www.ksre.ksu.edu/bookstore/pubs/MF3172.pdf>)  
MF3241 "How to Guide to Water Bath Canning and Steam Canning"  
(<http://www.bookstore.ksre.ksu.edu/pubs/MF3241.pdf>)  
MF3242 "How to Guide to Pressure Canning" (<http://www.bookstore.ksre.ksu.edu/pubs/MF3242.pdf>)
3. Alcohol is not allowed as an ingredient in food preservation entries. Entries with alcohol in the recipe will be disqualified and not be judged.
4. Each member may enter up to two exhibits in this division, but only one entry per class.
5. Each exhibit must have the complete recipe and instructions attached with the entry card, or it will be lowered one ribbon placing. Recipe must include exhibitor name, recipe source, date of publication, and altitude of residence.
6. Exhibits must be sealed in clean, clear standard canning jars with matching brand (ex: use Ball lids on Ball jars, or Kerr lids on Kerr jars, etc.) two piece lids. Do not use colored jars. Do not add fancy padded lids, fabric over wraps or cozies as they interfere with the judging process. No fancy packs unless recipe states to do so ex: (pickled asparagus). Jars must be sealed when entered. For food safety reasons, the size of the jars available must not be larger than the jar size stated in the recipe. Note: There are 12-ounce and 24-ounce canning jars available and may be used. Use pint jar process recommendations for 12 ounce jars. Use quart jar process recommendations for 24 ounce jars.
7. Each jar exhibited must be labeled. The label must not cover brand name of jar. The label must give: Class No. Product, Altitude of Residence, Canning Method (water bath, weighted gauge or dial gauge pressure method), Process Time, Pressure (psi), date processed including month and year, Name, and County/District. Templates to make adhesive labels can be found at: [http://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/foods-and-nutrition/Foods\\_Label.pdf](http://www.kansas4-h.org/events-activities/fairs/kansas-state-fair/docs/foods-and-nutrition/Foods_Label.pdf)
8. Classes 130 – 136 will require on jar for each class.
9. Hole punch the entry card and use a rubber band to attach the entry card and recipe around the top of the jar.
10. If dried food product is not in a canning jar, it will be lowered one ribbon rating. Suggested amount: 1/3 -1/2 cup, or three or four pieces per exhibit. All meat jerky must be cooked to an internal temperature of 160 degrees F before or after drying. Dried products must include the recipe and preparation steps. Jerky not heated to an internal temperature of 160 degrees F will be disqualified and not be judged. Heating information can be found in "Dry meat Safely at Home" [www.ksre.ksu.edu/bookstore/pubs/MF3173.pdf](http://www.ksre.ksu.edu/bookstore/pubs/MF3173.pdf)

**Class 130** Sweet Spreads (Fruit and /or Vegetables), Syrups; One jar

**Class 131** Fruits, Juices, Fruit mixtures (Salsa, Pie Filling, etc.) One jar

**Class 132** Low Acid Vegetables (green beans, corn, etc. or vegetable mixtures.); one jar

**Class 133** Pickles (Fruit or Vegetable) Fermented Foods and Relishes and Chutney; One jar

**Class 134** Tomato/Tomato Products Tomato Juice and Tomato Salsas; One jar

**Class 135** Meats; One jar

**Class 136** Dried Foods: One Small Jar.

**\*No State Fair Classes**

## **DIVISION D FIBER ARTS**

### **Pre-Entries Required**

1. Exhibitor may make four entries per class.
2. **When articles, which are worn normally as a pair, are exhibited, both articles must be shown together - fastened together securely with yarn.**
3. The exhibitor may also attach a 3" x 5" index card with the entry form to give the judge any information which the exhibitor thinks would be helpful for the judge to know.
4. If a pattern is used, attach it to the article by thread or yarn.
5. Non-textile projects such as wood reed, straw, grass, etc. should be entered in the Visual Arts Department.

**Class 50** Crochet, an article

**Class 51** Knitting, an article made either by hand or by knitting machine

**Class 52** Needle Arts, an article created by hand using any of the following techniques; a) embroidery and cross-stitch; b) needlepoint; c) candlewicking; d) crewel; e) lacework; and/or f) applique

**Class 53** Patchwork and Quilting, an article

**Class 54** Rug Making, a rug

**Class 55** Spinning, a skein

**Class 56** Weaving, a woven article

**Class 57** Ethnic Arts, an article

**Class 58** Macramé, an article

**Class 59** Fiber Arts Educational Notebook

\***Class 60** Felting

\***Class 61** Other Fiber Art not already listed

**\*No State Fair Classes**

## **DIVISION E NOTEBOOKS, FORESTRY, WILDLIFE, SHOOTING SPORTS, WHEAT VARIETY PLOT DISPLAY & MISCELLANEOUS**

### **NOTEBOOKS**

\***Class 320** Reporter Notebook

\***Class 321** Secretary Notebook

\***Class 322** Project Notebook, limit 3 per 4-Her

\***Class 323** Scrapbook

\***Class 324** Project Poster, limit 2 per 4-Her

### **FORESTRY**

**Class 325** Forestry Specimen Collection, prepare, identify, and label tree specimens as described in 4-H project material.

### **WILDLIFE**

**Class 326A** Educational- exhibit must be directly related to wildlife project. Use of live wild animals is prohibited. Maximum tri-fold size is 3' x 4' tall.

**Class 326B** Taxidermy/Tanning Exhibit. Should include an attachment that shows the work in progress through photos with captions, or a detailed journaling of the process.

### **SHOOTING SPORTS**

**EXHIBITORS MUST COMPLY WITH STATE AND FEDERAL LAWS AND KANSAS STATE FAIR MANAGEMENT POLICIES.** No "live" ammunition containing propellant or explosive powders may be used in any display! Artistic substitutes must be used in lieu of powder and "live" ammunition.

**Class 327** Educational Display. Must be directly related to the 4-H Shooting Sport project. Not exceed tri-fold 3' wide x 4' tall.

### **WHEAT PLOT DISPLAY**

**Class 250** Wheat Variety Plot Display (see State Fair Rules)

### **MISCELLANEOUS EDUCATIONAL DISPLAY & MISCELLANEOUS EDUCATIONAL NOTEBOOKS**

\***Class 328** Miscellaneous Educational Display

1. Display size must not exceed a tri-fold 3' wide x 4' tall.

\***Class 329** Miscellaneous Educational Notebook

\***No State Fair Class**



**DIVISION F  
HOME ENVIRONMENT**

- Class 300** Single Exhibit- An article made by the 4-Her for the home. Include explanation of how it was made or refurbished, cost, and how it fits into the color and design of the room.
- Class 301** Poster – no larger than 22” x 28”
- Class 302** Notebook

Poster or notebooks may include swatches, colors, stories, photographs, and project records which detail what was accomplished this year along with an indication of long-term plans.

**DIVISION G  
BOOTHS & BANNERS**

**Pre-Entries are required**

**BOOTHS**

1. Each club is encouraged to make a booth or banner illustrating some phase of 4-H. Clubs may make both.
2. Booths and banners should be planned, built and erected by 4-H Club members or 4-H affiliated groups.
3. Booth measurements 6’ x 6’ x 4’ tall.

- Class 310** Home Economics  
**Class 311** Agriculture  
**Class 312** Conservation  
**Class 313** Safety

- Class 314** Livestock Production or Livestock  
**Class 315** Promoting 4-H  
**Class 316** Miscellaneous

**4-H BANNER RULES**

**Banners will not be at State Fair**

**BANNERS**

1. All banners must be the work of the current year.
2. Each banner should illustrate a phase of 4-H work that is practiced by boys & girls in 4-H.
3. Banners are a two dimensional display depicting one idea.
  - a. Banners must be hung on a wooden dowel rod strong enough to support the banner. On each end of the dowel rod there must be a chain 6” long. On the other end of the chain attach an “S” hook so the banner can be hung on wire in the fair building.
  - b. Dimensions are to be no less than 12 and no more than 16 square feet, with no side less than 3 feet.
  - c. Three dimensional objects can be attached to the banner.
  - d. A label is to be attached to the lower left-hand corner of the banner giving the name of the 4-H club, county, and year. Waterproof inks prevent smearing and is recommended for the label.
  - e. Copyright Laws: Exhibitors should avoid using copyrighted materials. To search if an item is copyrighted go to the US Copyright Office at [www.copyright.gov/](http://www.copyright.gov/) Click on Search Copyright Records.

**SPECIAL AWARDS:**

The Sumner County Farm Bureau will award \$50.00 for Top Display with Safety Theme.

The 4-H Council will sponsor the following awards to Displays promoting 4-H:

1st Place - \$30,

2nd Place - \$20,

3rd Place - \$10

## **DIVISION H PHOTOGRAPHY**

1. Photography exhibited must be the result of the current year's work.
2. Each exhibitor will be allowed four entries from project(s) in which enrolled.
3. Photographs are required to be exhibited on studio mount or white poster board.
4. To be eligible for the State Fair all photos must be no larger than 8" x 10" and no smaller than 7" x 9", after trimming. Photos not going to the State Fair must be at least 4" x 6". They are to be mounted across the narrow (11") dimension of an 11" x 12 1/2" sheet of white studio mount, with the top edge of the print 1" below the top of the cardboard and with the sides of the print equal distance from the two sides of the mounts. A permanent mount should be made using photographic adhesive mounting. Remove white border from enlargement before mounting.
5. No lettering will be permitted on the mount or the pictures. No underlays or borders are to be used. The white trim should be removed from the enlargement.
6. Name, address, and county name should be written on the back of each mount.
7. Studio mounts are available at cost from the Extension Office.
8. Photographs taken with a digital camera and having no more adjustments than exposure, color intensity or correction, one click filter effects, red eye removal, cropping, dodging and burning should be entered in the standard color or black and white classes.
9. Digital images that have had objects added or removed, multiple filter effects applied or black & white and color combined.
10. Photos with live subjects on railroad right of way or taken from railroad right of way property will not be displayed and will be disqualified and not judged.

**Class 140** 1 - 3 year photographer, color photos.

**Class 141** 4 - 7 year photographer, color photos.

**Class 142** 8 or more years photographer, color photos.

**Class 143** Black & White photos.

**Class 144** Digital Composite Image - Photo must be created from two or more originals taken by the exhibitor. Exhibitor must include a second 11x 12-1/2 matte board mounted with standard size print or prints (if more than one photo was used) of the original photo(s) and 3x5 card(s) explaining what manipulation was done.

\***Class 146** Color sequence (series of 3, 4, or 5 pictures) open to all units. This series can be no less in size than 4"x 4".

**\*No State Fair Class**

**DIVISION I  
CROPS & HORTICULTURE**

1. One entry per class unless different variety; two varieties per class.
2. All containers are to be plainly labeled for identification and all exhibits are to be labeled as to variety except in garden display.
3. Grains are to be displayed in glass gallon containers. May have up to a 3" cylinder placed in jars. Entry tag to be on or in container as designated.
4. Entries may be made at both the Spring Show and 4-H Fair but only one premium will be paid for the same exhibit at both events.
5. Sample with insects will be disqualified

**CROPS**

**Class 240** Wheat, 1 gallon

**Class 242** Barley, 1 gallon

**Class 244** Grain Sorghum, 10 heads

**Class 246** Other Forage, 10 heads

**Class 248** Alfalfa Hay, 6" bale slice

**Class 241** Oats, 1 gallon

**Class 243** Legume or Grass Seed, 1 gallon

**Class 245** Forage Sorghum, 10 heads

**Class 247** Corn, 10 ears

**Class 249** Soybeans, 6" diameter bundle

**\*Class 251** Other Crops

(max. outside dimensions 36"H x36"W x 18"D)

\*\*\*\*\*

**FRUITS & VEGETABLES**

**Class 252** Red Potatoes, five

**Class 254** Sweet Potatoes, five

**Class 256** Tomatoes (cherry), five

**Class 258** Watermelon, one

**Class 260** Onions, five

**Class 262** Squash, one

**Class 264** Vegetable Garden Display, 5 different vegetables

(use same amounts as for ideal specimens).

Limited to a 2' x 2' exhibit. No canned vegetables.

**Class 266** Okra, five

**Class 271** Pumpkin, one

**Class 273** Grapes, plate of 2 bunches

**Class 275** Small fruits, ½ pint box

**Class 253** White Potatoes, five

**Class 255** Tomatoes (stand size), five

**Class 257** Tomatoes (puree), five

**Class 259** Cucumbers, five

**Class 261** Peppers, five

**Class 263** Other Vegetables, five

**Class 265** Eggplant, one

**Class 267** Carrots, five

**Class 268** Cantaloupe, one

**Class 269** Parsnips, five

**Class 270** Turnips, five

**Class 272** Cabbage, one

**Class 274** Apples, pears, or peaches, five

**Class 276** Fresh Culinary Herbs, six stems of one variety. (Strawberry, blackberry, raspberry or similar sized fruit)

**FLOWERS** (Must be grown by exhibitor).\*\*\*\*\*

**Class 277** Zinnia, 1 large stem

**Class 279** Zinnia, 3 small stems, different

**Class 281** Marigold, 3 small stems, alike

**Class 283** Gladiolus, 1 stem

**Class 285** Cosmos, 1 stem

**Class 278** Zinnia, 3 small stems, alike

**Class 280** Marigold, 1 large stem

**Class 282** Petunia, 1 spray

**Class 284** Rose, 1 stem, name

**Class 286** Any Flower, 1 stem

\*\*\*\*\*

**FLOWER ARRANGEMENT**

1. Open to 4-Hers enrolled in any phase of Foods or Horticulture, or Cultural Arts

2. Exhibitor need not produce flowers arranged, but must do arrangement.

**\*Class 290** Kansas Gold-Dried Wheat arranged in transparent container.

**\*Class 291** Just A Bouquet, common flowers

**Class 292** Horticulture Notebook

**\*Class 293** House Plants, limit 3 per exhibitor

**\*Class 287** Fresh Flower Arrangement

**\*Class 288** Dried Flower Arrangement –no fabric or plastic material allowed

**\*Class 289** Nature's Gift, wild flowers and/or any leaves "dressing up" wood or a rock which may dominate

**\*No State Fair Class**

## NEW FOR 2018!

### HORTICULTURE CONTESTS

1. Open to any currently enrolled 4-H'er.
2. Ribbons will be awarded for the top 5 places.
3. These are meant to be a fun challenge to explore your creativity.
4. Superintendent and judge's decisions are final.

### CREATIVE SPUD CONTEST

Using a large potato (should be (5) five inches or longer), show us your version of a potato character using only natural materials to create the body parts (arms, legs, etc.). Items should be things like grass, straw, various vegetables, feathers, etc. Materials will be allowed to be purchased for the outfit only, which should be a very small portion of your decorations (example: felt, toulung, construction paper). NO use of plastic store purchased items will be allowed. Also, on a 3" x 5" index card, please submit the name of your character along with a few words describing its personality. Judging will be based on creativity and the use of items.

### \*LARGEST TOMATO CONTEST

Tomato must be home grown. A 3" x 5" index card must be submitted with a few words explaining the growing condition and care of the tomato. Largest tomato will be determined by weight.

### \*UNIQUE VEGETABLE CONTEST

Any vegetable grown at home may be entered. A 3" x 5" index card must be submitted with a few words explaining the growing condition and care of the unique vegetable.

### \*No State Fair Class

## DIVISION J WOODWORK

1. Exhibitors may enter a maximum of three articles. Label each article with name, address, class number, age, years in project, and intended use.
2. The plan from which it was constructed must be with the article exhibited. The plan may be a photocopy, the actual pattern, or a scale drawing. It must be complete and accurate to the extent that a duplicate article could be built using the plan as a guide.

**Class 195** Woodwork Article for Farm or Shop use

**Class 196** Furniture for household or lawn use

**\*Class 197** Household Article

**Class 198** Other Woodwork Articles not included in above classes.  
(Example: bird feeders, bird houses, etc.)

**\*Class 199** Piece of Repaired and Refinished Furniture. (Attach a before picture and card listing repairs and steps in refinishing.)

### \*No State Fair Class

## **DIVISION K ENERGY MANAGEMENT**

1. Open to all 4-H members enrolled in the electric project. One entry per class. Limited to one article to show at State Fair.
2. On label state: Basic, Intermediate or Advanced after the class number. These levels will be judged separately. Members and leaders should follow leader's guide in selecting articles in each phase. Exhibits should be operable (batteries furnished by exhibitor). If exhibit is advanced or operations questioned an instruction sheet should be included.

### **ELECTRICAL ELECTRONICS**

**Class 205** AC Electric Projects. Electric projects with a 110 or 120 V alternating current (AC) power source. Some project examples are household wiring demonstrations, small appliances extension cords, trouble lights, indoor or outdoor wiring boards, or shop lights. Projects may be a restoration of original construction. The project must be operational and meet minimum safety standards. AC projects must be 110/120 V, no 240 V exhibits are allowed, and must be constructed such that the judges have access to examine the quality of workmanship.

**Class 206** DC Electric Projects. Electric projects with a battery or direct current power source. This class includes electric kits or original projects. This class also includes demonstration DC powered projects. Examples include: wiring two or three way switches, difference between series/parallel lighting circuits or wiring doorbells switches. All DC electric projects must work with batteries supplied by 4-H'er. Projects must be constructed such that the judges have access to examine the quality of wiring workmanship.

**Class 207** Electronics Projects. Electronic projects with a battery or direct current power source. This class includes electronic kits or original projects. Examples include radios, telephones, toy robots, light meters, security systems, etc. May be constructed using printed circuit board, wire wrap, or breadboard techniques. Include instruction/assembly manual if from a kit. Include plans if an original project. Projects must be constructed such that the judges have access to examine the quality of wiring workmanship.

**Class 208** Educational Displays and Exhibits. This class includes any educational displays, exhibits or science fair projects which DO NOT have a power source, i.e. exhibits, posters or displays of wire types, conduit types, electrical safety, tool or motor parts identification or electrical terminology. A maximum tri-fold size of 3' x 4'.

### **SMALL ENGINES**

1. All exhibits should involve engines smaller than 20 horsepower for classes 209-213
2. Displays are limited to 4' wide and 4' deep – both upright and floor displays.

**209 Display** – Exhibit a display, selecting one of the following options: 1) a display identifying different engine or lawn and garden equipment parts or a display showing the function of the various engine or lawn and garden equipment parts; OR 2) a display identifying and explaining the function(s) of different special tools needed for small engine work; OR 3) a display illustrating and providing the results of any one of experiments that are included in the project books. No complete engines, lawn tractors, tillers, chainsaws are permitted for display. Maximum tri-fold size is 3' x 4'.

**210 Maintenance** – Exhibit a display that illustrates either 1) Routine maintenance procedures OR 2) Diagnosing and troubleshooting specific problems in an engine. No complete engines, lawn tractors, tillers, chainsaws, etc. are permitted for display using a maximum tri-fold size of 3' X 4'.

**211 Operation** – Exhibit an operable small engine (no more than 20 HP) overhauled or rebuilt by the member. Include maintenance schedule for the engine and a brief description of steps taken by the member overhauling or rebuilding the engine. Maximum tri-fold size is 3' X 4'. Engine should contain no fuel in tank or carburetor.

**Alternative ENERGY (A form of energy derived from a natural source, such as the sun, geothermal, wind, tides or waves.**

All exhibits in this division are limited in size to standard, tri-fold, display boards (36" X 48") and items may not extend beyond 12" from the back board. All displays must be self-standing.

**212 Educational Display** – Create an exhibit that addresses a focused topic related to power generated from a renewable energy source. The purpose of the exhibit is to inform and create awareness.

**213 Experiment** – Display an experiment addressing a problem or question related to power generated from a newable energy source. Include hypothesis, background research, variables, a control, data, findings, conclusions and recommendations for future study.

**DIVISION L**  
**SPACE TECH & COMPUTERS**

**ASTRONOMY**

1. Contact the Extension Office or check the state fair website at [www.kansasstatefair.com](http://www.kansasstatefair.com) for guidelines.

**Class 346** Telescope made from kit or original design. Include plans.

**Class 347** Telescope made from original design

**Class 348** Misc. class to include State Fair eligible classes. See State Fair guidelines for classes and rules.

**ROBOTICS**

1. Contact the Extension Office or check the state fair website at [www.kansasstatefair.com](http://www.kansasstatefair.com) for guidelines.

**Class 349** Robot made from a commercial (purchased) kit. Include construction plans and number of years in project.

**Class 350** Robot designed by exhibitor. May not be mere modifications of an existing robot kit or plan. Include original construction plans and number of years in project.

1. Rockets are to be properly assembled, uniformly and smoothly finished, and painted.
2. Each rocket exhibited must be able to stand freely by itself or be supported by a wooden base, not to exceed 4 1/4" thick x 8" square for small and medium-sized 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. Rockets may not be exhibited on launch pads.**
3. Angles of the fins must fall within a plus or minus 2 degree variation and rounded or streamlined to reduce drag.
4. **Live engines and igniters are NOT permitted with the exhibit.**
5. Beginner kits with prefabricated fin assemblies, pre-finished rockets not requiring painting, and plastic snap together fins not requiring alignment are not acceptable, **participation ribbon only.**
6. For new information about acceptable methods to figure altitude achieved on a rocket launch and documentation of it check the state fair website at [www.kansasstatefair.com](http://www.kansasstatefair.com) or contact Extension Office.
7. Check the state fair website at [www.kansasstatefair.com](http://www.kansasstatefair.com) for guidelines.

**\*Class 351** Rocket made from a kit, 7-8

**Class 352** Rocket made from a kit, 9 – 13 Include plans

**Class 353** Rocket made from a kit, 14 & older

**Class 354** Rocket designed by exhibitor, not merely a modification of an existing kit, include original plans, 11 - 13 years

**Class 355** Rocket designed by exhibitor, that uses alternative skins; not merely a modification of an existing kit, Include original plans.

**Class 356** Rocket designed by exhibitor, not merely a modification of an existing kit, include original plans, 14 & older

**Class 357** Rocket designed by 2 or more exhibitors not merely modification of an existing kit rocket-include original plans 11 years and older

**Class 358** Rocketry Educational Display

**Class 363** Misc class to include State Fair eligible classes. See State Fair guidelines for classes and rules.

**HIGH POWERED ROCKETS FOR EXHIBITORES 14 YEARS AND OLDER**

1. Contact the Extension Office or check the state fair website at [www.kansasstatefair.com](http://www.kansasstatefair.com) for guidelines.

**Class 359** High power rocket made from kit or original design. 14 & older

**COMPUTERS**

The 4-H computer project teaches concepts related to computers, hardware knowledge, software programming and applications, internet safety, the building, maintenance and repair of computers and future career opportunities.

1. Contact the Extension Office or check the state fair website at [www.kansasstatefair.com](http://www.kansasstatefair.com) for guidelines.

**\*Class 360** Computer Educational Poster ( size max – 20" x 30" poster board)

**\*Class 361** Computer Display Board (size 3' x4' tri-fold)

**\*Class 362** Computer Notebook (3 ring binder)

**Class 363** Misc class to include State Fair eligible classes. See State Fair guidelines for classes and rules.

**\*No State Fair Class**



**DIVISION M  
ENTOMOLOGY & GEOLOGY**

**ENTOMOLOGY  
GENERAL GUIDELINES**

1. All entries should be submitted in an 18 X 24 X 3.5 inch wooden display box with a clear plastic top. Boxes can be handmade or purchased as long as they are of the correct size and do not have a glass top.
2. Transition from the taxonomy as listed in the "Insects in Kansas" book to the taxonomy listed on the "Insects in Kansas Book: 2016 Revised Taxonomy" which follows [www.bugguide.net](http://www.bugguide.net).
3. Each exhibitor is required to identify each box with two identification labels bearing exhibitor's name, county or district, the class, and statement of taxonomy use: (a) "Insects in Kansas" or (b) Insects in Kansas Book: 2016 Revised Taxonomy". One label goes in the upper left corner of the box (inside) and the other on the lower right corner of the box (outside). Arrange specimens in the box so it can be displayed lengthwise.
4. The number of orders, specimens (and families where required) must be included on the exhibitor's box identification label. Only adult specimens can be used in collection boxes; however, one female and one male of a species correctly identified can be displayed.
5. Arrangement of specimens: The preferred method is to arrange the insects in groups or rows parallel to the short sides of the box. Arrangements that run lengthwise of the box are frequently downgraded in judging. Specimens are to be arranged by Order in the box, then family where required. The sequence arrangement of the Orders in the box will be left up to the member. It is suggested to put the Lepidoptera and Coleoptera in the center of the collection. Then work the other orders around them.
6. For each collection class, two labels will be centered on the pin beneath each specimen. First (closest to the specimen) is the common name label and the second label should include date/locality. Full county name, state abbreviation and collector name on the second label are encouraged for 2016 and will be required in 2019. Collector's name on the date/locality label is optional.
7. 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. Other specimens from the United States may be included as long as they are properly labeled and placed in a separate section of the box labeled "Out of State Insects". These specimens will not be included in the county for judging/scoring. Emphasis in judging will be placed on the overall variety of insects represented in the collection, accuracy of identification, skill and technique acquired in mounting of specimens, and overall arrangement and appearance of the collection.
8. 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

**Class 181** Beginning I Entomology Collection Small

Display in one standard box a minimum of 50 and a maximum of 125 species representing at least 7 orders. Follow the general guidelines listed for Collections. Members can exhibit in this class a maximum of 3 years, or until they receive a purple ribbon at the Kansas State Fair, whichever comes first.

**Class 182** Beginning II Entomology Collection - Display in one standard box a minimum of 75 and a maximum of 150 species representing at least nine (9) orders. Follow the general guidelines listed for collections.

Members can exhibit in this class a maximum of 3 years, or until they receive a purple ribbon at the Kansas State Fair, whichever comes first.

**Class 183** Intermediate Entomology Collection – Display a minimum of 100 and a maximum of 300 species representing at least 10 orders. Two standard boxes can be used. Follow the general guidelines listed for Collections. In addition, family identification is required for all insects in any two of the following six orders: orders of Orthoptera, Hemiptera, Odonata, Coleoptera, Diptera, and/or Hymenoptera. Members can exhibit in this class a maximum of 3 years.

**Class 184** Advanced Entomology Collection - Display a minimum of 150 and a maximum of 450 specimens representing at least 12 different orders. Three standard boxes can be used. Follow the general guidelines listed for Collections. 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.

## ENTOMOLOGY EDUCATIONAL DISPLAY CLASSES

1. All entries should be submitted in an 18 X 24 X 3.5 inch wooden display box with clear plastic top. Boxes can be handmade or purchased as long as they are of the correct size and do not have a glass top. Arrange display in the box so the box can be displayed lengthwise.
2. Each exhibitor is required to identify each box by placing two identification labels bearing exhibitor's name, county and the class in the box. One label goes in the upper left corner of the box (inside) and the other on the lower right corner of the box (outside). Information on numbers and kinds of insects is not needed for educational exhibits.
3. Displays may consist of specialized groups of insects or their close relatives, or relate to any aspect of their behavior, biology or ecology.
4. Displays should be presented in a clear, concise, and interesting manner.
5. Displays should include only work performed during the current year.
6. Title of the exhibit should be indicated inside the box.
7. The 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.
8. Creativity is encouraged!

**Class 185** Beginning Educational Display – Class for individuals that are exhibiting in the Beginning I and II Collection or Beginning Notebook Classes. If only exhibiting in this category, then ages 9 – 12. Follow the general rules listed for the Educational Displays.

**Class 186** Intermediate Educational Display – Class for individuals that are exhibiting in the Intermediate Collection or Intermediate Notebook Classes. If only exhibiting in this category, then ages 11 – 14. Follow the general rules listed for the Educational Displays.

**Class 187** Advanced Educational Display – Class for individuals that are exhibiting in the Advanced Collection or Advanced Notebook Classes. If only exhibiting in this category, then ages 13 or older. Follow the general rules listed for the Educational Displays.

## ENTOMOLOGY COLLECTION NOTEBOOKS

**Class 190** Introductory Entomology Collection Notebooks - Display in 3 ring notebook a collection of photos. Minimum of 10 and a maximum of 30 insect species representing at least six different orders. Species pages should be grouped according to order. (Notebooks should contain 15 to 60 photos).

**Class 191** Beginning Entomology Collection Notebook - Display in 3 ring notebook a collection of photos. Minimum of 30 and maximum of 60 insect species representing at least seven different orders. Species pages should be grouped according to order (Notebooks should contain 50 to 120 photos).

**Class 192** Intermediate Entomology Collection Notebook - Display in 3 ring notebook a collection of photos. Minimum of 60 and a maximum of 100 insect species representing at least nine orders. Species pages should be grouped according to order. Pictures in any two of the following six orders should be identified to family: Orthoptera, Hemiptera, Homoptera, Coleoptera, Diptera, and/or Hymenoptera. (Notebooks should contain 100 to 200 photos).

**Class 193** Advanced Entomology Collection Notebook - Display in 3 ring notebook a collection of photos. Minimum of 100 insect species representing at least twelve orders. Species pages should be grouped according to order. In addition, family identification is required for all insects in the following six orders: Orthoptera, Hemiptera, Homoptera, Coleoptera, Diptera, and Hymenoptera. Family identification in the remaining orders is optional, but desirable as long as accuracy is maintained. (Notebooks should contain at least 150 photos).

## **GEOLOGY**

1. The standard size exhibit box should be 18" x 24" x 3 ½". All specimens are to be arranged with top being the 18" dimension of the exhibit box. If the box has a sliding cover, it must be removable from the top.
2. Each exhibitor is required to identify each display box by placing an identification label with *Name, County, Class Number & Number of Specimens* on the inside of box, upper left-hand corner, and a second label for back of the box on the outside.
3. Geology specimens should be labeled - number of specimens, date collected, specimen name or description, and locality (county) where found, by proper groups – rocks, minerals, fossils.
4. All specimens must be collected from locations in Kansas.
5. Contact the Extension Office or check the state fair website at [www.kansasstatefair.com](http://www.kansasstatefair.com) for additional guidelines.

**Class 365** Display at least 15 different rocks, minerals or fossils collected during the current 4-H year. Limited to one exhibit box (18" x 24" x 3 ½") with plexi-glass cover. Fossils must be identified to the Phylum level.

**Class 366** Display at least 30 different rocks, minerals or fossils; at least 5 of each. Exhibit must include at least 15 specimens of current year's work. Limited to one exhibit box. Fossils identified to the Phylum level.

**Class 367** Display at least 45 rocks, minerals or fossils; at least 5 of each. Exhibit limited to two boxes (18" x 24" x 3 ½") with plexi-glass cover. Exhibit must include at least 15 specimens of current year's work. Rocks must be identified by their proper name and type. Fossils identified to the Phylum level.

**Class 368** Display at least 60 rocks, minerals, or fossils, at least 5 of each. Exhibit limited to two boxes 18" x 24" x 3 ½" with plexi-glass cover. Exhibit must include approximately 15 specimens of current year's work. Rocks must be identified by their proper name and type. Fossils must be identified to the Phylum, Class, and Genus levels if possible.

**Class 369** Mineralogy

## **DIVISION N VISUAL ARTS & CRAFTS**

1. **Each exhibitor may make four entries per class in Arts & Crafts.**
2. Paintings & drawings should be framed/matted - prepared for hanging. Other items should be prepared for appropriate display.
3. State Fair Participation – The Grand and Reserve Champions will represent Sumner County 4-H at the Kansas State Fair. These exhibitors will be given a participation ribbon for being on display at the State Fair.

**Class 65** Original work created by the 4-H member

**Class 66** Non-Original items are made using molds, patterns, kits, copying another's ideas, etc.

**Class 67** Ceramics

## Livestock General Rules

- a. Number of animals entered per species will be as follows:
  - Beef: 2 Market and 2 Breeding      Sheep: 2 Market and 2 Breeding
  - Swine: 2 Market and 2 Breeding      Goats: 2 Market and 2 Breeding
- b. 4-H Members must provide suitable care, feed, and equipment for livestock exhibits. Premium money will be forfeited if animal is not satisfactorily cared for.
- c. Exhibitors with two entries in one class may have another 4-H member show one entry, with approval of the division superintendent.
- d. 4-Hers are encouraged to have purebred or registered breeding livestock. Grade animals may be exhibited.
- e. All market animals' tag numbers must be listed on the official weigh-in sheet to be eligible to show.
- f. Animals will be inspected at entry by Superintendent and/or vet. Animals deemed unfit will be denied entry to fair and fairgrounds.
- g. Exhibitor must own and tag the following animals by the dates listed to be eligible to show.
  - \* Market Beef by May 1, of current year
  - \* Bucket Calf, Market Swine, Market Lambs, and Meat Goats by June 15, of current year.
- h. Exhibitor must own the following animals by the dates listed to be eligible to show.
  - \* Breeding Beef, Swine, Sheep, & Meat Goats by June 15, of current year.
  - \* Dairy Goats and Dairy Cows, by May 1, of current year.
- i. Exhibitors are responsible to provide their own bedding.
- j. Only animals entered in the fair will be allowed to stall or pen at the fair.
- k. Set-up and Clean-up Policy - If an exhibitor cannot make set-up night, arrangements must be made by superintendent or County Agent to work prior to fair. Livestock exhibitors must check out with superintendent or County Agent on final cleanup. If these conditions are not met, \$50.00 may be held from fair premiums or livestock sale proceeds.
- l. When cleaning pens or working with animals, put waste in truck. DO NOT leave piles in or around the livestock barn. Do not put waste in trash barrels.
- m. GROOMING: Each Exhibitor must groom his or her own animal and may use only the assistance of an immediate family member (mother, father, legal guardian, brother or sister), another 4-H or FFA member who is an exhibitor at the fair, FFA Advisor or 4-H Project Leader. This rule will be strictly enforced and any exhibitor violating it will have their animal in question eliminated from competition. Anyone wishing to report unauthorized people grooming animals must sign a complaint at the Fair Office, that includes names of the owner, animal tag number, time and date of the observation. A committee appointed by the Fair Board will take action. Sheep/Goat Divisions: All market lambs, commercial ewes and goats must be "slick shorn, above the knee and hock joints including the head, before arrival on the Fair grounds. A maximum of 0.2 (two tenths) inch of wool is permitted on market lambs and commercial ewes. A maximum of 0.4 (four tenths) inch of hair is permitted on market goats. Hair on the tail switch may be left on goats. There will be no shearing of market lambs, commercial ewes or goats allowed on any part of the grounds after arrival. Anyone found in violation will have his or her electric clippers temporarily confiscated and that animal will be disqualified. Touch-up clipping with scissors or hand shears will be allowed. No artificial coloring/use of adhesives is allowed on market lambs and commercial ewes.
- n. Livestock released at the discretion of the Superintendent.
- o. Premise ID tags (scrapie tags) must be in sheep and goats. If not tagged will not be allowed to remain at the Fairgrounds.

## DIVISION O SHOWMANSHIP

1. Every member showing livestock is encouraged to participate in the showmanship contest. Exhibitors must sign up for Showmanship on fair pre-entry form.
2. Showmanship classes may be divided at the discretion of the Fair Superintendent the day of the competition.
3. All animals shown in this division must be entered and shown in their respective classes at the Fair.
4. Showmanship will be judged as the first class in each division.
5. Animals must be owned by 4-H member showing in this division. The 4-Her must do their own showing.

<u>Class#</u> <u>Class Name</u>	<u>Class#</u>	<u>Class Name</u>	<u>Class#</u> <u>Class Name</u>
<u>Ages 7-8</u>		<u>Ages 9 – 13</u>	
468	Beef	469	Beef
471	Sheep	472	Sheep
474	Swine	475	Swine
477	Dairy	478	Dairy
480	Goats	481	Goats
<u>Ages 14 &amp; older</u>			
470	Beef	473	Sheep
476	Swine	479	Dairy
482	Goats		

## DIVISION P BUCKET-FED CALF

1. Those that have had their 13th birthday before January 1 of current year, would be ineligible.
2. Must meet project requirements
3. **Calf must be born between January 1 & June 1 of current year.**
4. **Exhibitor must own and tag all animals by June 15, current year, to be eligible to show.**
5. **Bucket-fed calves may be brought to the fair from 8am - 10 am on Friday. They will be released at the superintendent's discretion.**
6. Judging will be based on the following:
  - Knowledge about the animal (age, breed, feeding practices, etc.)
  - Ability to handle and control the animal.
  - Health and condition of animal, (health certificate not required)
  - Grooming of the animal - **No** clipping allowed. If clipping is done, 4-her will be disqualified and asked to leave the ring.
- 7-8 year olds:** No show sticks, combs or brushes allowed in the ring during the show.
- 9-12 year olds:** No show sticks, combs, or brushes allowed in the ring during the show.
7. Bucket-fed calves are not eligible for sale at Junior Livestock Auction.

**Class 375** 4-Hers, 7-8 years of age

**Class 376** 4-Hers, 9-12 years of age

**Class 377** 2<sup>nd</sup> Year Bucket Calf (not eligible for any other class or livestock auction)

**DIVISION Q  
DAIRY**

1. Exhibitor must own all animals by May 1, current year, to be eligible to show.
2. Showmanship, Division O, is open to all dairy exhibitors.
3. Champion & Reserve Champion will be selected for each breed if quality merits.

\*H-Holstein; \*G-Guernsey; \*J-Jersey; \*A-Ayrshire; \*MS-Milking Shorthorn

*H	*G	*J	*A	*MS	CLASSES:
430	431	432	433	434	Heifer Calf - born after July 1, 2017
435	436	437	438	439	Yearling Heifer - born between July 1, 2016 and June 30, 2017
440	441	442	443	444	Cow - born before July 1, 2016

**DIVISION R  
BEEF**

1. See Livestock General Rules for health requirements.
2. Showmanship, Division O, is open to all beef exhibitors.

**MARKET STEERS**

1. Exhibitor must own and tag all animals by May 1, current year, to be eligible to show.
2. Suggested minimum weight for 4-H Fair is 1000 lbs, but lighter weights may be shown. Market steers must weigh 1000 lbs to sell at Sumner County Jr. Livestock Auction. Lightweight and Heavyweight animals may be subject to discounts on the base price.
3. All market steers will be shown by weight. Steers will be weighed and classes divided to make 10 or less within any particular class. Top and lower weights will be used to determine the break in class weight.
4. The Steer Show is a “no fit” show. “No Fit”, at the Sumner County Fair, is defined as using no adhesive, glue, paint or powder products.
5. Grand and Reserve Grand Champion Steers will be selected overall.

**Class 379**      Market Steers

**BREEDING BEEF**

1. Exhibitor must own all animals by June 15, current year, to be eligible to show.
2. The Heifer Show is a “no fit” show. “No Fit”, at the Sumner County Fair is defined as using no adhesive, glue, paint or powder products.
3. Champion and Reserve Champion will be selected for each breed if quality merits.
4. Breed classes will be determined by superintendent.

\*A-ANGUS; \*H-HEREFORD; \*SI-SIMMENTAL; \*D-CROSSBREED & OTHER;  
\*S-SHORTHORN; \*ROB - REGISTERED OTHER BREEDS

*A	*H	*SI	*D	*S	*ROB	CLASSES:
380	381	382	383	384	385	Senior or winter heifer calves - calved between Sept. 1 and Dec. 31 of previous year.
386	388	388	389	390	391	Summer yearling heifer calves - calved between May 1 and Aug. 31 of previous year.
392	393	394	395	396	397	Junior and spring yearling heifers - calved between Jan. 1 and Apr. 30 of previous year.
398	399	400	401	402	403	Cow Class - has calved before May 1, current year.
404	405	406	407	408	409	Cow-Calf - Cow must be halter broke. No age limit on calf, either sex.



## **DIVISION S SWINE**

1. Showmanship, Division 0, is open to all swine exhibitors.

### **MARKET SWINE**

1. Exhibitor must own and tag all animals by June 15, current year, to be eligible to show.
2. Suggested minimum weight for 4-H Fair is 220 lbs. but lighter weight animals may be shown. Must weigh 220 - 290 lbs. to sell at Sumner County Livestock Sale. Hogs that weigh out of the range of 220 – 290 pounds may be subject to discounts on the base price, if selling to base buyer.
3. All market pigs (barrow and gilts) will be entered in one class.
4. Market animals will be weighed at the 4-H Fair. The superintendent may divide the animals into classes with not more than 10 per class.
5. Grand and Reserve Grand Champion will be selected if quality merits.

**Class 370** Market Swine

### **BREEDING GILTS**

1. Exhibitor must own all animals by June 15, current year, to be eligible to show.

**Class 371** Purebred Breeding Gilts

**Class 372** Crossbred Breeding Gilts

## **DIVISION T SHEPHERDS LEAD**

**NOTE:** Judging will be based on 50% clothing, 30% sheep, 10% description, and 10% poise.

1. Pre-entries are required. Age determined as of January 1 of the current year. Please include a script with pre-entry.
2. The market lambs or breeding ewes used in this class should be conditioned, fitted and trained to show at halter.
3. The contestant does not have to own the sheep, but it does have to be entered at the fair in the sheep division.
4. Entrants may purchase or construct their own garment which should consist of 60 % wool exclusive of accessories.
5. Only head or neck of sheep may be decorated. The sheep's body may not be decorated.

**Class 500** Under age 7

**Class 501** Age 7-8

**Class 502** Age 9-13

**Class 503** Age 14 & Over Any age combo

**Class 504** – Group, any age combo

## DIVISION U GOATS

1. A goat cannot be shown in both meat and dairy classes; one class per animal.
2. Showmanship, Division O, is open to all goat exhibitors.
3. **NO BILLY GOATS WILL BE ALLOWED!**
4. Goat fitting stands will be allowed to dry animals only. They will be set up outside of the barn at discretion of superintendent.
5. All goats must have Premise ID tags (scrapie tags). If not then they will not be allowed to remain at the Fairgrounds.

### DAIRY GOATS

1. Exhibitor must own all animals by May 1, current year, to be eligible to show.
  2. In determining the age class in which the animal is to be shown, the cut-off date will be August 1, current year.
  3. Exhibitor should be neatly and appropriately attired, preferably in white, when showing their animals in the ring.
  4. All animals will be shown by breeds in the following order:
    - a. Alpine
    - b. LaMancha
    - c. Nubian
    - d. Sanatee
    - e. Toggenburg
    - f. Grade
- |                  |   |                  |  |
|------------------|---|------------------|--|
| <b>Class 450</b> | Doe, under 4 month of age   | <b>Class 451</b> | Doe, between 4 and 8 months of age     |
| <b>Class 452</b> | Doe, between 8 and 12 months of age   | <b>Class 453</b> | Doe, between 12 and 24 months of age   |
| <b>Class 454</b> | Doe, over 24 months of age  | <b>Class 455</b> | Market Wether, birth to under 6 months |
| <b>Class 456</b> | Market Wether, 6 months to 12 months  |                  |  |
| <b>Class 457</b> | Mother/Daughter, at least one of the animals must be owned by the exhibitor |                  |  |
| <b>Class 458</b> | Other Breeds, (includes Pigmy Goats)  |                  |  |

### MEAT GOATS

1. Exhibitor must own and tag all animals by June 15, current year, to be eligible to show.
  2. Minimum weight for 4-H Fair is 50 lbs (lighter weight animals may be shown). A limit of two (2) goats may be entered per exhibitor.
  3. Market meat goat classes are open to wether or doe kids of any meat or cross meat goats with milk teeth or showing no breaking or eruption of either of two permanent front teeth.
  4. All market goats will be shown by weight. Goats will be divided equally into classes as determined by the Goat Division Superintendent.
  5. Shearing: All goats must be "slick shorn" with an equal amount of hair above the knee and hock before arrival on the grounds. A maximum of 0.4 (four tenths) inch of hair is permitted. Hair on the tail switch is permitted. Shearing is not allowed on any part of the grounds after arrival. Anyone found in violation will have his or her electric clippers temporarily confiscated and that animal will be disqualified. Touch-up clipping with scissors or hand shears will be allowed. Grooming: Artificial coloring, paint, adhesive, or powder will not be permitted for use on wethers during the entire show.
  6. Horns do not need to be tipped.
  7. Halters and show collars will be allowed in show ring; exhibitors will not lift front legs off ground or brace the animal during judging.
  8. Meat goats cannot show in the Dairy Goat or Breeding Meat Goat Class.
- Class 459**      Market Meat Goats

### BREEDING MEAT GOATS

1. Exhibitor must own all animals by June 15, current year, to be eligible to show.
  2. Horns do not need to be tipped. No paint, powder or any artificial coloring may be used.
  3. Halters and show collars will be allowed in show ring; exhibitors will not lift front legs off ground during judging.
  4. Breeding meat goats cannot show in the Dairy Goat or Market Meat Goat Class.
  5. Does do not need to be slick shorn.
- |                  |   |
|------------------|---|
| <b>Class 460</b> | Spring Doe born after Jan. 1, 2018                      |
| <b>Class 461</b> | Fall Doe born between Sept. 1 and Dec 31, 2017          |
| <b>Class 462</b> | Yearling Doe born between Sept 1, 2016 and Aug 31, 2017 |
| <b>Class 463</b> | Aged Does born before Sept 1, 2016                      |

**DIVISION V  
SHEEP**

1. Showmanship, Division O, is open to all sheep exhibitors.
2. Sheep fitting stands will be allowed to dry animals only. They will be set up outside of the barn at discretion of superintendent.
3. All Sheep must have Premise ID tags (scrapie tags). If not tagged they will not be allowed to remain at the Fairgrounds.

**MARKET LAMBS**

1. Suggested minimum weight for 4-H Fair is 100 lbs (lighter weight animals may be shown); 100 lbs to sell at the Sumner County Livestock Sale. Ideal market weight range is 100 - 135 lbs, animals lighter or heavier than these weights may be subject to discounts on the base price.
2. Exhibitor must own and tag all animals by June 15, current year, to be eligible to show.
3. All market lambs will be shown by weight. Lambs will be weighed and classes divided to make classes of 10 or less.
4. All market lambs must be shown in short (1/4" or less) fleece.
5. Ewe lambs shown in market class may not be shown in breeding class.
6. All market lambs and commercial ewes must be "slick shorn", above the knee and hock joints, including the head, before arrival on the grounds. A maximum of 0.2 (two tenths) inch of wool is permitted. There will be no shearing of market lambs or commercial ewes allowed on any part of the grounds after arrival. Anyone found in violation will have his or her electric clippers temporarily confiscated and that animal will be disqualified. Touch-up clippings with scissors or hand shears will be allowed. No artificial coloring or use of adhesives is allowed on market lambs.
7. Grand Champion and Reserve Grand Champion Lambs will be selected.

**Class 800 Market Lamb**

**BREEDING SHEEP**

1. Exhibitor must own all animals by June 15, current year, to be eligible to show.
2. Champion and Reserve Champion will be selected for each breed if quality merits.
3. Breed classes will be determined by superintendents.  
\*H-HAMPSHIRE; \*SU-SUFFOLK; \*D-DORSET; \*S-SOUTHDOWN; \*R-RAMBOUILLET;  
\*M-MONTADALE; \*C-COMMERCIAL; \*O-OTHER

<b>*H</b>	<b>*SU</b>	<b>*D</b>	<b>*S</b>	<b>*R</b>	<b>*M</b>	<b>*C</b>	<b>*O</b>	<b>CLASSES:</b>
801	802	803	804	805	806	807	808	Spring Ewe Lamb born after Jan. 1, 2018
809	810	811	812	813	814	815	816	Fall Ewe born between Sept. 1, 2017 and Dec 31, 2017
817	818	819	820	821	822	823	824	Yearling Ewe born between Sept. 1, 2016 and Aug. 31, 2018
825	826	827	828	829	830	831	832	Aged Ewe born before Sept.1, 2015

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