



Raymond Frye Complex
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Wellington, KS 67152
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“Promote 4-H!”

4-H Fair

www.sumner.ksu.edu

Static Events

July 9 – 13, 2024

Wellington, Kansas

Livestock

July 19 – 20, 2024

South Haven, 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.

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

Gavin Beesley, CEA
4-H Youth Development
K-State Research & Extension
Sumner County

Bake Sale & Greeting Schedule

Wednesday, July 10th, 2024

4:00 pm – 8:00 pm - Redwing

Thursday, July 11th, 2024

4:00 pm – 8:00 pm - Buccaneers

Friday, July 12th, 2024

4:00 pm – 8:00 pm – Cardinals

Saturday, July 13th, 2024

10:00 am – 1:00 pm – Trail Blazers

1:00 pm – 4:00 pm – Happy Hustlers

SCHEDULE OF EVENTS - 2024 4-H FAIR

May 1 Monday by 5:00 pm	Exhibitor must own and tag Market Beef, Exhibitor must own the following animals to be eligible to show, Dairy Goats and Dairy Cows.
June 15 Saturday by 5:00 pm	Exhibitor must own and tag Bucket Calf, Market Swine, Market Lambs, and Meat Goats, Exhibitor must own the following animals to be eligible to show, Breeding beef, Swine, Sheep, & Meat Goats.
June 14 Friday by 5:00 pm	Pre-entries due for all exhibits: Sewing and Textile Design, Fashion Revue (Scripts Included), Shopping in Style, Foods and Preservation, Fiber Arts, Notebooks, Forestry, Wildlife, Shooting Sports, Wheat Variety Plot Display & Misc., Interior Design & Architecture, Booths, Banners, and Barn Signs, Photography, Agronomy, Horticulture, and Landscape Design, Woodwork, Electric and Renewable Energy, Space Tech, Uncrewed Aerial Systems, and Computers, Entomology, Geology, and Lapidary, Ag Mechanics Welding, Building Block Engineering, Visual Arts and Crafts, Veterinary Science, Livestock.
July 9 Tuesday 1 – 5:45 pm	Set Up Booths, Barn Quilt or Banner put in place by 4-H participant from that club (<i>Cookie Jars must be entered by 5:45pm to be judged at 6pm</i>)
5 – 7:30 pm	Enter & <u>Consultative Judging</u> – Sewing and Textile Design, Fashion Revue entries, Shopping in Style, Foods and Preservation, Fiber Arts, Notebooks, Forestry, Wildlife, Shooting Sports, Wheat Variety Plot Display & Misc., Interior Design & Architecture, Booths, Banners, and Barn Signs, Photography, Agronomy, Horticulture, and Landscape Design, Woodwork, Electric and Renewable Energy, Space Tech, Uncrewed Aerial Systems, and Computers, Entomology, Geology, and Lapidary, Ag Mechanics Welding, Building Block Engineering, Visual Arts and Crafts, Veterinary Science
6:00 pm	Judge: Booths, Banners, Cookie Jars (<i>Cookie Jars must be entered by 5:45pm to be judged</i>)
July 10 Wednesday Time TBA	Cookie Jar Auction @ Picnic in the Park
1 – 8:00 pm	Raymond Frye Complex open to public, Baked Goods Sale, Free Popcorn
July 11 Thursday 6:30 pm	Public Fashion Revue @ Raymond Frye Complex
1 – 8:00 pm	Raymond Frye Complex open to public, Baked Goods Sale, Free Popcorn
July 12 Friday 4 – 6:00 pm	Ice Cream Social
4 – 8:00 pm	Raymond Frye Complex open to public, Baked Goods Sale, Free Popcorn
July 13 Saturday 9:00 am	Hand Pet, Rabbit, Poultry Show @ Raymond Frye Complex
10:00 am – 4:00 pm	Raymond Frye Complex open to public, Baked Goods Sale, Free Popcorn
4 – 5:00 pm	4-Her's Check out Exhibits
July 8 Monday by 5:00 pm	Livestock pre-entries due
July 19 Friday 5:30 – 6pm	Check in – Sheep, followed by Show
6 – 6:30 pm	Check in – Goats, followed by Show
July 20 Saturday 8 – 8:30 am	Check in – Swine, followed by Show
9:30 – 10 am	Check in – Beef and Bucket Calf, followed by Show and Bucket Calf Show

FAIR PRE-ENTRY FORM INFORMATION & DATES

Pre-Entry Forms may be found on our website www.sumner.ksu.edu that can filled out and emailed to sucoext@gmail.com 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. **Pre-Entries:** Pre-entries are required for all exhibits. Pre-entries made after the designated due date are eligible for ribbons (see late entry policy below).
2. **Late Pre-Entries:** Late pre-entries turned in after specified deadline (sent out with pre-entry forms) will be accepted for up to 5 business days. The 4-Her will be ineligible to compete for Grand or Reserve champion. They will automatically forfeit one ribbon placing and fair premium money for that entry as penalty. Late pre-entries for livestock will follow the same policy as well.
3. **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.
4. **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 to be eligible for grand or reserve. If a 4-Her would like to exhibit in a project area they are not enrolled in, they are still required to pre-enter and will not be eligible for grand or reserve. All exhibits must be the result of the current year's project work and produced by the exhibitor.
5. **Judging:** All exhibitors must participate in consultative judging at the time of exhibit entry. This is meant as a learning opportunity for exhibitors. Exceptions may be made in extreme circumstances. Examples may include, but are not limited to severe illness, hospitalization or death in the family. Please contact the extension office **by Noon on Monday, July 1st** to be considered for an exemption.
6. **Removal of Exhibits:** All exhibits will be released at the scheduled time on the last day of the fair unless division rules state otherwise. 2024 Exhibits will be released Saturday, July 13th, between 4 – 5:00 pm. If project are not picked up by 5:00pm, they will be available in the Extension Office during the week.
7. **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.
8. **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.
9. **Kansas State Fair** entries may be made according to limits & classes listed in the KS State Fair 4-H Book, www.kansasstatefair.com.
10. 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.**
11. Livestock General Rules on page 36

DIVISION A
SEWING AND TEXTILE DESIGN
Pre-entries Required

This project will teach you the basics, such as sewing a pillowcase or shirt, learning different stitches or putting in a zipper. Learn to create and sew your own clothing and accessories while exploring the world of fashion and how to take the design of your choice and customize it for the perfect look, color and fit.

CONSTRUCTION

1. All garments made by 4-H member will be judged at the Raymond Frye Complex on Tuesday, July 9, 2024, from 5 – 7:30 pm, along with all other static exhibits.
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 required to attach a photo and or/an index card, 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.
8. **Exhibitors are required to participate in consultative judging in person. For more information see "General Rules" rule #4.**

***Class 10** An article, garment or outfit constructed by 7-8 year old exhibitor

***Class 11** Educational exhibit prepared by a 7-8 year old exhibitor

Class 4000 An article, garment or outfit constructed by 9-11 year old exhibitor

Class 4001 Educational exhibit prepared by a 9-11 year old exhibitor

Class 4002 An article, garment or outfit constructed by 12-14 year old exhibitor

Class 4003 Educational exhibit prepared by a 12-14 year old exhibitor

Class 4004 An article, garment or outfit constructed by 15-18 year old exhibitor

Class 4005 Educational exhibit prepared by a 15-18 year old exhibitor

Class 4006 Recycled clothing project

***No State Fair Classes**

DIVISION B
SHOPPING IN STYLE
Pre-entries Required

4-H members will learn what clothing styles look best on them while they also gain skills in building a versatile wardrobe and staying within their budget. Each year enrolled in Shopping in Style should build on previous year's learning experience. Exhibit one of the following options that align with the 4-H member's Shopping in Style level. Display setup by the 4-H member will be on Tuesday of the 4-H Fair. Judging will take place between 5:00-7:30 pm. on Tuesday, July 9th.

Rules

1. Posters can be flat poster board or foam board, no larger than 22" x 28."
2. Tri-fold educational displays must be free standing and no larger than 36" x 48."
3. Photos of 4-H member in purchased outfit must demonstrate criteria as outlined on scoresheet. Consider multiple angles, good light and highlight details so that the judge may accurately evaluate the exhibit.
4. Exhibits should include actual photos of 4-H member in garments, and may also include pictures from magazines or the internet
5. Exhibitor must be 9 years old or older by 4-H age to take qualifying exhibit to State Fair.

Class 4020 Shopping in Style: Junior (age 7-9) Exhibit should consist of poster that showcases:

- A) a garment you purchased that reflects your personal style and explains how this garment reflects your style and how it influences what others think of you; **OR**
- B) a garment you purchased and explains how your personal style either aligns or contradicts what is considered to be "in style" today. **OR**
- C) a garment you purchased and explains or illustrates how this garment is a modern version of a fad or fashion from an earlier decade; **OR**
- D) a garment you purchased and explains how this garment reflects a different ethnic or cultural influence; **OR**
- E) a garment you purchased and includes a color discussion that provides an overview of how different colors complement different hair colors and skin tones and how that influenced garment selection.

Class 4021 Shopping in Style: Intermediate (age 10-13) Exhibit should consist of a display that showcases:

- A) an outfit you purchased to wear with a clothing item that was already in your wardrobe that still fit but you didn't wear anymore. Explains why the clothing item was not being worn and what you did to transform it into a wearable garment again. **OR**
- B) a top and bottom that you purchased, as well as at least three pieces of clothing in your existing wardrobe that you can mix and match with the new items to create multiple outfits. Includes a clothing inventory and explain what you have learned by completing this activity. **OR**
- C) an outfit you purchased and explain why you selected the garment you did, your shopping budget, and cost per wear; **OR**
- D) an outfit you purchased and explain how advertising influences clothing purchases making a distinction between wants and needs. Include your shopping budget and cost per wear. **OR**
- E) an outfit you purchased along with a cost comparison between garments/accessories purchased vs. sewing/constructing the outfit. Comparison should include variety of shopping options and/or price tracking at stores over a period of time.

Class 4022 Shopping in Style: Senior (age 14-18) Exhibit should consist of a display that showcases:

- A) an outfit you purchased and care requirements not only for this garment but also for garments made of other natural and synthetic fibers. Display should also include a care cost analysis for garments of different fibers; **OR**
- B) an outfit you purchased which you have repaired or altered. Include a clothing inventory list which includes cost savings for repaired items as compared to purchasing replacement garments; **OR**

- C) an outfit you purchased along with plans and commentary for a fashion show that that would capture the attention of an audience. Plans should identify target audience, venue, theme, budget, and logistical plan for the fashion show; **OR**
- D) an outfit you purchased and explain 3 methods of clothing repair that you have learned, i.e. torn seam, torn hem, replacing a button, etc. Display should also include photos and list of your assembled clothing first aid kit. Include itemized expenses; **OR**
- E) An outfit you purchased, and feature any other completed activity from the Shopping In Style curriculum of your choosing that isn't listed above.

***No State Fair Classes**

DIVISION C
FASHION REVUE
Pre-entries Required

The public is invited to the modeling of the latest fashions selected and made by 4-H members.
The public Fashion Revue details are to be determined.

4-Her's who did not participate in judging on Tuesday can model or show off any project involved in Fiber Arts, Sewing and Textile Design, or Shopping in Style at this time, but will not receive a ribbon placing.

- * 4-H members may model one or two Shopping in Style garments or outfits of their choosing.
- * 4-H members may model one or two Sewing and Textile Design garments or outfits that they have made during this 4-H year.
- * In total 4-H members can model 4 outfits comprising of up to 2 articles per category.
Pre-entries are required by June 14 and forms are available online at www.sumner.ksu.edu

Shopping in Style

- ***Class 90** 4-H member in the 1st – 3rd year in the Shopping in Style project
- ***Class 91** 4-H member in the 4th – 6th year in the Shopping in Style project
- ***Class 92** 4-H member in the 7th – 11th year in the Shopping in Style project

Sewing and Textile Design

- ***Class 93** 4-H member in the 1st – 3rd year in the Sewing and Textile Design project
- ***Class 94** 4-H member in the 4th – 6th year in the Sewing and Textile Design project
- ***Class 95** 4-H member in the 7th – 11th year in the Sewing and Textile Design project

State Fair Eligibility: You must be 10 years old by 4-H age and be declared a “winner” to qualify for the State Fair Fashion Revue. The State Fair Fashion Revue has 4 classes available:

Class 6000 For 4-H members, age 14-18, enrolled in the Sewing and Textile Design project.

Class 6005 For 4-H members, age 10-13, enrolled in the Sewing and Textile Design project.

Class 6010 For 4-H members, age 14-18, enrolled in the Shopping in Style project.

Class 6020 For 4-H members, age 10-13, enrolled in the Shopping in Style project.

Script Rules & Suggestions

**Must have a picture of the clothing being worn to help judges to remember what they are judging. Pictures are due to the Extension Office by 8:30am Friday, July 5th, 2024.*

Scripts must be typed on an 8 ½ x 11 sheet of paper to help the readers and turned in by June 14th 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.

Additional Script Suggestions: 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).

DIVISION D
FOODS & PRESERVATION
Pre-entries Required

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: for sale, not for sale, contains nuts, gluten free, or sugar free. Labels are in the extension office.**
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
6. Cakes may be made from your favorite recipe or commercial mix.
7. Food Gift Package - Food items will be tasted by judge. These food 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

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. **Cookie Jars must be entered by 5:45 p.m. and will be judged no later than 6:00 p.m. Cookie jars need to have a list of each cookie in the jar for potential allergens that they may contain.**
11. All judged food items marked for sale 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.
13. **Exhibitors are required to participate in consultative judging in person. For more information see "General Rules" rule #4.**

***Class 12** Non-perishable food product made by 7-8 year old exhibitor

***Class 13** Educational exhibit prepared by 7-8 year old exhibitor

Class 4300 Non-perishable food product made by 9-11 year old exhibitor

Class 4301 Educational exhibit prepared by 9-11 year old exhibitor

Class 4302 Non-perishable food product made by 12-14 year old exhibitor

Class 4303 Educational exhibit prepared by 12-14 year old exhibitor

Class 4304 Non-perishable food product made by 15-18 year old exhibitor

Class 4305 Educational exhibit prepared by 15-18 year old exhibitor

Class 4306 Food gift package

***Class 14** Decorated cake

***Class 15** Decorated cookie

***Class 16** 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, 6th 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
8. Classes 130 – 136 will require a label 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
- 12. Exhibitors are required to participate in consultative judging in person. For more information see "General Rules" rule #4.**

Class 4350 Sweet Spreads (Fruit and /or Vegetables), Syrups; One jar

- Class 4351** Fruits, Juices, Fruit mixtures (Salsa, Pie Filling, etc.) One jar
- Class 4352** Low Acid Vegetables (green beans, corn, etc. or vegetable mixtures.); one jar
- Class 4353** Pickles (Fruit or Vegetable) Fermented Foods and Relishes and Chutney; One jar
- Class 4354** Tomato/Tomato Products Tomato Juice and Tomato Salsas; One jar
- Class 4355** Meats; One jar
- Class 4356** Dried Foods: One Small Jar.

***No State Fair Classes**

**DIVISION E
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.
6. **Exhibitors are required to participate in consultative judging in person. For more information see “General Rules” rule #4.**

- Class 4111** Crochet, an article
- Class 4112** Knitting, an article made either by hand or by knitting machine
- Class 4113** 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 4114** Patchwork and Quilting, an article
- Class 4115** Rug Making, a rug
- Class 4116** Spinning, a skein
- Class 4117** Weaving, a woven article
- Class 4118** Ethnic Arts, an article
- Class 4119** Macramé, an article
- Class 4120** Fiber Arts Educational Notebook
- *Class 17** Felting
- *Class 18** Other Fiber Art not already listed

***No State Fair Classes**

**DIVISION F
NOTEBOOKS, FORESTY, WILDLIFE, SHOOTING SPORTS,
WHEAT VARIETY PLOT DISPLAY & MISCELLANEOUS**

Exhibitors are required to participate in consultative judging in person. For more information see “General Rules” rule #4.

NOTEBOOK

- *Class 19** Reporter Notebook
- *Class 20** Secretary Notebook
- *Class 21** Project Notebook, limit 3 per 4-Her
- *Class 22** Scrapbook
- *Class 23** Project Poster, limit 2 per 4-Her

FORESTRY & WILDLIFE

If you would like to enter Forestry or Wildlife, please contact Sumner County Extension.

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 6200 Educational Display. Must be directly related to the 4-H Shooting Sport project. Not exceed tri-fold 3’ wide x 4’ tall.

Class 6201 Promotional Poster. Must promote 4-H Shooting Sports.

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

Experiential Classes

Class 6203 Shooting Aid or Accessory - (SF253) - Any item the 4-Her makes which helps the shooter/hunter better perform their sport, examples: rifle sling, kneeling roll, arm guard, shotgun vest, target boxes, shooting stick, etc. Include your design, or plans you adapted, what the item is and used for.

Class 6204 Storage Case - (SF254) - Any item the 4-Her makes with the purpose to safely hold a firearm, bow, ammunition, and/or arrows. Examples: soft sided shotgun case, quivers, firearm safe, include your design, or plans you adapted. Explain how the storage case is used.

Class 6205 Practice Game or Activity - (SF255) - Invent or adapt an activity to practice or teach a project skill. Include pictures of youth playing the game, testimonials of 4-H members who played the game, what skill is being worked on, and directions for the game. Explain how you came up with the game or adapted it to fit the needs of your group members.

WHEAT PLOT DISPLAY

Class 2430 Wheat Variety Plot Display (see State Fair Rules)

MISCELLANEOUS EDUCATIONAL DISPLAY & MISCELLANEOUS EDUCATIONAL NOTEBOOKS

See Division Q, Stem Educational Exhibits, before enrolling in these classes.

***Class 24** Miscellaneous Educational Display
Display size must not exceed a tri-fold 3’ wide x 4’ tall.

***Class 25** Miscellaneous Educational Notebook

***No State Fair Class**

DIVISION G **INTERIOR DESIGN & ARCHITECTURE** Pre-entries Required

This project gives you the opportunity to examine your environment, both inside and outside of the home. Decorating a room, refreshing your porch, landscaping an area of your yard, refurbishing a family heirloom or even creating something brand new are all examples of ways to incorporate the design process in your living environment. Learning and experimenting with the elements of design (color, line, value, space, shape, form and texture) in all areas of a room or space or furniture piece are all part of this project. Being a designer (architect, furniture, landscape or interior designer, etc.) is not only about how a space looks but also how it feels. The end goal is to create a space that feels

inclusive, functional, and inviting to all. The home environment project will give you the opportunity to design, create and implement what you've learned by creating a notebook, project board or item. **Exhibitors are required to participate in consultative judging in person. For more information see "General Rules" rule #4.**

Class 4400 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 4401 Poster – no larger than 22" x 28"

Class 4402 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 H
BOOTHS, BANNERS, BARN QUILTS, & PORCH SIGNS
Pre-entries Required

1. Each club is encouraged to make a booth or banner or barn quilt or porch sign illustrating some phase of 4-H. Clubs may make one of each.
2. Booths, banners, barn quilts, and porch signs should be planned, built and erected by 4-H Club members or 4-H affiliated groups.

BOOTHS

1. All booths must be the work of the current year.

2. Each booth should illustrate a phase of 4-H work that is practiced by boys & girls in 4-H.

3. Booth measurements 4' x 4' x 4' tall.

***Class 26** Home Economics

***Class 27** Agriculture

***Class 28** Conservation

***Class 29** Safety

***Class 30** Livestock Production or Livestock

***Class 31** Promoting 4-H

***Class 32** Miscellaneous

***No State Fair Class**

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

***Clubs may enter more than one booth and all would be eligible to win Grand or Reserve.**

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. The chain must measure 6" from the top of the cable to the center of the dowel rod. On the other end of the chain attach an "S" hook so the banner can be hung.

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/ Click on Search Copyright Records.

***Class 33 Banner**

***No State Fair Class**

BARN QUILTS *(This is for Club entries, for Individual entries see Division N)*

1. All barn quilts must be the work of the current year.
2. Barn Quilts must be 2' by 2' square. Display cannot be on point (diamond shape) Due to display limitation.
3. Must be on 3/8" or 1/2" thick exterior durable material.
4. Original designs are encouraged, if copied, credit should be given.

***Class 34 Barn Quilts**

PORCH SIGNS *(This is for Club entries, for Individual entries see Division N)*

1. All porch signs must be the work of the current year.
2. Porch signs must be 12-18" wide by 58-60" tall with vertical orientation for display purposes. Material must be sturdy to allow sign to stand up.

***Class 35 Porch Signs**

Clubs may choose to offer their Barn Quilt and/or Porch sign to be put up for auction to benefit 4-H Council.

DIVISION I
PHOTOGRAPHY
Pre-entries Required

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. 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. Photos not going to the State Fair must be at least 4" x 6".
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 to be paid in full before use.
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.

11. Exhibitors are required to participate in consultative judging in person. For more information see "General Rules" rule #4.

Class 4800 Color photos - taken by a 4-H member with 1 - 3 years photographer.

Class 4801 Color photos - taken by a 4-H member with 4 - 7 years photographer.

Class 4802 Color photos - taken by a 4-H member with 8 or more years photographer.

Class 4803 Black and white photos - taken by a 4-H member with 1-3 years or less in the project.

Class 4804 Black and white photos - taken by a 4-H member with 4-7 years in the project

Class 4805 Black and white photos - taken by a 4-H member with 8 or more years in the

Class 4807 Growth Portfolio

- 1.) Member is eligible for this class beginning with the third year of enrollment in the 4-H photography project.
- 2.) 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.
- 3.) Photos must be 8" x 10" and may be color or black and white and must be unmounted.
- 4.) 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.
- 5.) Skill set used to create the photo must be given and explained. Main goal for each year should be listed.
- 6.) Beginning with photo 2, member description of GROWTH in project skill must be included on information sheet.
- 7.) 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.

Class 4808 Career Portfolio

- 1.) Member must have been enrolled in Photography for 5 (five) or more years OR member must be age 15 -19 and been enrolled in photography for at least two (2) years.
- 2.) Exhibit will consist of ten (10) 8 x 10 photos showing skill development in one of the following photography areas: Portraiture, Special Effects (not done with computer), Landscape, Photo Journalism, Black and White, Nature/Wildlife or Graphic Design (computer skills with photos). Photos may have been created over multiple project years.
- 3.) Photos may be color except if Black and White option is chosen and must be unmounted.

- 4.) 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.
- 5.) A one-page summary should accompany the portfolio listing the goal for pursuing this area of photography and what skills were learned while doing so. Mentors should be acknowledged. Career exploration can also be described.
- 6.) Exhibit will be presented in a notebook designed for portfolio review with pages for required information from #4 and #5.

***Class 36** Color sequence (series of 3, 4, or 5 pictures; not to exceed 5 pictures) open to all units. This series can be no less in size than 4"x 4".

***No State Fair Class**

DIVISION J
AGRONOMY, HORTICULTURE & LANDSCAPE DESIGN
 Pre-entries Required

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
6. For agronomy exhibits that qualify and wish to attend the State Fair. See agronomy section in State Fair Handbook for rules, regulations, and classes.
7. **Exhibitors are required to participate in consultative judging in person. For more information see "General Rules" rule #4.**

AGRONOMY

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 diameter bundle

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"

***Class 37** Other Agronomy
 (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 253 White Potatoes, five

Class 255 Tomatoes (stand size), five

Class 257 Tomatoes (puree), five

Class 259 Cucumbers, five

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

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

FLOWER ARRANGEMENT

1. Open to 4-Hers enrolled in any phase of Foods or Horticulture, or Cultural Art
 2. Exhibitor need not produce flowers arranged, but must do arrangement.
- *Class 38** Fresh Flower Arrangement
***Class 39** Dried Flower Arrangement –no fabric or plastic material allowed
***Class 40** Nature's Gift, wild flowers and/or any leaves "dressing up" wood or a rock which may dominate

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)

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

- *Class 41** Kansas Gold-Dried Wheat arranged in transparent container
***Class 42** Just A Bouquet, common flowers
Class 43 Horticulture Notebook
***Class 44** House Plants, limit 3 per exhibitor

***No State Fair Class**

Horticulture Contests Sponsored by Sumner County Farm Bureau

HORTICULTURE CONTESTS

1. Open to any currently enrolled 4-H'er.
2. 4-H'er does NOT need to be in plant science project to enter.
3. Ribbons will be awarded for the top 5 places.
4. Prize money sponsored by Sumner County Farm Bureau.
5. These are meant to be a fun challenge to explore your creativity.
6. 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, toulng, 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 K WOODWORK Pre-entries Required

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.
3. **Exhibitors are required to participate in consultative judging in person. For more information see "General Rules" rule #4.**

Class 4700 Woodwork Article for Farm or Shop use

Class 4701 Furniture for household or lawn use

Class 4702 Other Woodwork Articles not included in above classes. (Example: bird houses, etc.)

***Class 45** Household Article

***Class 46** Piece of Repaired and Refinished Furniture. (Attach a before picture and card listing repairs and steps in refinishing.)

***No State Fair Class**

DIVISION L
ELECTRIC AND RENEWABLE ENERGY
Pre-entries Required

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.
3. **Exhibitors are required to participate in consultative judging in person. For more information see "General Rules" rule #4.**

ELECTRICAL ELECTRONICS

- Class 4600** 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 4601** 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 4602** 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 4603** 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 4610-4612
2. Displays are limited to 4' wide and 4' deep – both upright and floor displays.
3. **Exhibitors are required to participate in consultative judging in person. For more information see "General Rules" rule #4.**

Class 4610 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 functions(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'.

Class 4611 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'.

Class 4612 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.

Class 4620 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.

Class 4621 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 M

SPACE TECH, UNCREWED AERIAL SYSTEM, COMPUTERS

Pre-entries Required

ASTRONOMY

Exhibitors are required to participate in consultative judging in person. For more information see "General Rules" rule #4.

Contact the Extension Office or check the state fair website at www.kansasstatefair.com for guidelines.

Class 5500 Telescope made from kit or original design. Include plans.

Class 5501 Telescope made from original design

ROBOTICS

Exhibitors are required to participate in consultative judging in person. For more information see "General Rules" rule #4.

Contact the Extension Office or check the state fair website at www.kansasstatefair.com for guidelines.

Junior Division (Ages 7-8)

- ***Class 47** Robot made from a commercial (purchased) kit. Include construction plans and number of years in project.
- ***Class 48** 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.

Intermediate Division (Ages 9-13)

- Class 5509** Robot made from a commercial (purchased) kit (no programming, just assembly).
- Class 5510** Robot designed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.
- Class 5511** Programmable robot made from a commercial (purchased) kit.
- Class 5546** Robot designed and constructed by exhibitor or from a commercial kit, that is operated by a remote-controlled device.
- Class 5544** Junk Drawer Robotics.

Senior Division (Age 14 years and older)

- Class 5313** Robot made from a commercial (purchased) kit (no programming just assembly).
- Class 5514** Robot designed by exhibitor. The robot must not be a mere modification of an existing robot kit or plan.
- Class 5515** Programmable robot made from a commercial (purchased) kit.
- Class 5547** Robot designed and constructed by exhibitor or from a commercial kit, that is operated by a remote-controlled device.
- Class 5545** Junk Drawer Robotics.

Division D – Team Robotics Project

- Class 5517** Robot designed and constructed by two or more 4-H STEM project members. The robot must not be a mere modification of an existing robot kit or plan. The robot may be a programmable type that is made from a commercial (purchased) kit. This division is designed to encourage teamwork and cooperation among fellow 4-HSTEM members. As with many high-tech projects today, no one person designs and builds a robot alone. It takes the brainstorming, planning, problem solving, and cooperation of an entire team to complete a given robotics project.

ROCKETRY

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. **Engines and igniters of any type 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 or contact Extension Office.

7. Check the state fair website at www.kansasstatefair.com for guidelines. Note: Rockets that qualify for state fair require more forms to be filled out.
8. **Exhibitors are required to participate in consultative judging in person. For more information see "General Rules" rule #4.**

Division JR (Ages 7-8)

- ***Class 49** Rocket made from a kit, without pre-assembled fin unites. Include plans.
- ***Class 50** Rocket made from "beginners kit." Include plans. Rockets in this class may have pre-assembled fin unites. (This class is for first and second year 4-H members to explore the rocketry project).
- ***Class 51** Scale Model Rocket made from kit, include plans.

Division A (Ages 9-13)

- Class 5520** Rocket made from a kit, include plans
- Class 5537** Scale Model Rocket. Made from kit, include plans

Division B (Ages 11-13)

- Class 5521** Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans
- Class 5538** Scale Model Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans and stability testing.

Division C (Ages 14 years and older)

- Class 5525** Rocket made from kit. Include plans.
- Class 5526** Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans.
- Class 5527** Rocket designed by exhibitor: that uses alternative skins; not merely a modification of an existing kit. Include original plans.
- Class 5539** Scale Model Rocket made from kit. Include plans.
- Class 5540** Scale Model Rocket designed by exhibitor: not merely a modification of an existing kit. Include original plans and stability testing.

Division D (Ages 11 years and older)

This class is designed to encourage teamwork among individuals and clubs to work on a rocket from the initial design to the finished product.

- Class 5530** Rocket designed by 2 or more exhibitors: not merely a modification of an existing kit. Include original plans.

Division E (Ages 14 years and older)

- Class 5536** Mid-power rocket made from kit or original design

Division F (Ages 14 years and older)

- Class 5535** High Power rocket made from kit or original design.

***No State Fair Class**

UNCREWED AERIAL SYSTEM

The 4-H uncrewed aerial system or UAS project explores the world from above the trees and discovers new frontiers with UASs. UASs are commonly known as Uncrewed Aerial Vehicles (UAVs) or drones. Members explore the uses and applications of uncrewed aerial system including how UASs link to other projects such as geology, robotics, electronics, crop science and many more.

- 1. Exhibitors are required to participate in consultative judging in person. For more information see “General Rules” rule #4.**

For project guidelines and forms check the state fair website at www.kansasstatefair.com or contact the Extension Office.

Intermediate Division (Ages 9 – 13 years)

Class 5701 Uncrewed Aerial System designed and constructed by exhibitor that is operated by a remote-controlled device. The UAS must not be a mere modification of an existing kit or plan. You may not exhibit a UAS that is purchased off the shelf in this class.

Class 5702 Practical application of an Uncrewed Aerial System constructed from a commercial (purchased) kit. This includes the UAS, plus one or more of the following: video, notebook, poster, display board, etc. This class is separate from educational exhibits. A tangible use would be mapping Russian olive trees, eroded soils, and bindweed in fields, etc. There are also many other nonagricultural UAS uses that would be appropriate for this class.

Senior Division (Ages 14 and older)

Class 5706 Uncrewed Aerial System designed and constructed by exhibitor that is operated by a remote-controlled device. The UAS must not be a mere modification of an existing kit or plan. You may not exhibit a UAS that is purchased off the shelf in this class.

Class 5707 Practical application of an Uncrewed Aerial System constructed from a commercial (purchased) kit. This includes the UAS, plus one or more of the following: video, notebook, poster, display board, etc. This class is separate from educational exhibits. A tangible use would be mapping Russian olive trees, eroded soils, and bindweed in fields, etc. There are also many other non-agricultural UAS uses that would be appropriate for this class.

COMPUTER SCIENCE

The 4-H computer science 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. Exhibitors are required to participate in consultative judging in person. For more information see “General Rules” rule #4.**

Contact the Extension Office or check the state fair website at www.kansasstatefair.com for guidelines.

Class 5590 Computer program, application, app, script, or coded system that is new and unique (not merely a file run in a program, such as a ‘word document’ or a picture drawn in ‘Microsoft Paint’).

Class 5591 Computer presentation (power point, web page/site, animated graphics such as gifs, etc.)

Class 5592 Single computer system (web server, database server, etc.) represented as a virtual machine.

Class 5593 Networked system consisting of two or more virtual machines.

Class 5594 Chip system - a small (8"X8"X8") programmed physical device that accomplishes a specific task.

***No State Fair Class**

DIVISION N
ENTOMOLOGY, GEOLOGY, LAPIDARY
Pre-entries Required

ENTOMOLOGY

Exhibitors are required to participate in consultative judging in person. For more information see "General Rules" rule #4.

Resources for exhibiting can be found on the Kansas 4-H Entomology project page

COLLECTION CLASSES

1. All entries should be submitted in an 18 X 24 X 3.5 inch wooden display box with a clear plastic top (such as Plexiglass). Boxes can be handmade or purchased as long as they are of the correct size. Please visit the website listed above for box instructions and plans.
2. 4-Hers may choose to use one of two taxonomies:
 - a) As printed in "Insects in Kansas" book or
 - b) As printed on the "Insects in Kansas Book: 2016 Revised Taxonomy" which follows www.bugguide.netEach exhibitor is required to identify each box with two identification labels bearing Exhibitor's name, county or district, the collection class 4-H'er is enrolled in and statement of taxonomy used: 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 the box can be displayed lengthwise.
3. The number of orders, specimens) and families where required) must be included on both of the exhibitor's box identification labels.
4. Arrangements of specimens: The preferred method is to arrange the insects in groups or rows parallel to the short sides of the box. Specimens are to arranged by Order in the box, then Family where required.
5. Two labels should 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 and state abbreviation should be on the second label. Collector's name (or host) on the date/locality label is optional.
6. 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.
7. Only specimens of the class Insecta should be included.
8. Purchased insects are not to be exhibited in collection, but they may be used in educational displays.
9. 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 4900 Beginning I Entomology Collection

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 4901 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 4903 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:

(Only two will be counted for judging)

- a) "Insects in Kansas" book – Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera, and/or Diptera or
- b) "Insects in Kansas Book: 2016 Revised Taxonomy", which follows www.bugguide.net – Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera

On a piece of paper list what you did to improve your collection during the current year. Members can exhibit in this class a maximum of 3 years. A 4-H'er may move up if they receive a purple ribbon.

Class 4905 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. Only families in the above six orders will be counted for judging. Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. On a piece of paper list what you did to improve you collection during the current year. Examples: what insects did you add or replace; what orders and/or families you added; what Leadership you provided in this project; and/or what insects you have studied. Attach paper to the back of one of the display boxes. Member 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 COLLECTION NOTEBOOKS CLASSES

1. Individual entries are to be placed for display in a three-ring notebook for competition.
2. 4-Hers may choose to use one of two taxonomies:
 - a. as printed in "Insects in Kansas" book or
 - b. as printed on the "Insects in Kansas Book: 2016 Revised Taxonomy", which follows www.bugguide.net
3. 4-Hers who have been previously enrolled in or are currently enrolled in the other phases of the Entomology project need to start with the Beginning Phase of Entomology Notebooks, not the Introductory phase.
4. Each exhibitor is required to identify the notebook by placing a Title Page in the front of the notebook bearing the exhibitors name, county or district and class 4-H'er is enrolled in and statement of taxonomy used:

- a. "Insects in Kansas" book or
 - b. "Insects in Kansas Book: 2016 Revised Taxonomy", which follows www.bugguide.net
- The number of orders, specimens and families (required in Intermediate and Advanced classes) must also be included on the Title Page.
5. Specimen pages should be grouped according to order and should include one page per species. If more than one insect is in the photo, an arrow to indicate identified insect should be used.
 6. Date, common name, full county name and state abbreviation should be included for each species. Collector's name on the specimen page is optional.
 7. Specimen pages should have two different views of the insect if possible. If pictures are taken on different dates/localities, include information for both.
 8. A statement describing the habitat where found/host plant may be included and is encouraged and will be worth a bonus 10 points total, not per page. For Intermediate and Advanced notebooks, this is strongly encouraged.
 9. A divider page is to be placed in front of each order of insects with the order name printed on the tab for the page as well on the front of the divider page.
 10. For the Intermediate and Advanced classes, insects are also to be grouped by family behind each order divider.
 11. If the exhibitor has been in the same class for more than one year, a separate sheet of paper needs to be added stating how many years the exhibitor has been in this class of the project and what the exhibitor did this year to improve their notebook. Place the paper just behind the Title Page in the front of the notebook.
 12. A special project must be completed each year and included in the notebook. See project guideline materials for specifications.

Class 4907 Introductory Entomology Notebook - Display a minimum of 10 and a maximum of 30 insect species representing at least 6 different orders. Follow the general guidelines listed for Notebooks, including the Special project. A 4-H member must be of minimum age to compete at the Kansas State Fair. A 4-H member may exhibit in this class for a maximum of two years.

Class 4908 Beginning Entomology Notebook - Display a minimum of 20 and a maximum of 60 insect species representing at least 7 different orders. Follow the general guidelines listed for Notebooks, including the Special project. 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 4909 Intermediate Entomology Notebook - Display a minimum of 60 and a maximum of 100 species representing at least 9 orders. Follow the general guidelines listed for Notebooks, including the Special project. In addition, family identification is required for all insects in any two of the following six orders: (Only two will be counted for judging)

- a. "Insects in Kansas" book - Orthoptera, Hemiptera, Homoptera, Coleoptera, Hymenoptera and/or Diptera or
 - b. "Insects in Kansas Book: 2016 Revised Taxonomy" which follow www.bugguide.net – Odonata, Orthoptera, Hemiptera, Coleoptera, Hymenoptera, and/or Diptera
- Members can exhibit in this class a maximum of 3 years. A 4-H'er may move up if they receive a purple ribbon.

Class 4910 Advanced Entomology Notebook - Display a minimum of 100 and a maximum of 200 species representing at least 12 orders. Follow the general guidelines listed for Notebooks. Family identification is required for all insects belonging to the six basic orders as outlined under the Intermediate phase. Only families in the above six orders will be counted for judging.

Family identification of insects in the remaining orders is optional, but desirable as long as accuracy is maintained. Members may continue to exhibit in this class for an unrestricted number of years as long as they remain eligible for 4-H membership.

ENTOMOLOGY EDUCATIONAL DISPLAY CLASSES

1. Share with others what you learned in this project. Exhibit any activity or learning experience related to the field of entomology or the Teaming with Insects curriculum that does not fit into Entomology Collection or notebook classes above.
2. Follow copyright laws as explained in the General Rules.
3. The exhibit may be, but isn't limited to, original works, digital presentations (must provide printed hardcopy for exhibit purposes for duration of state fair), programs, websites, games, apps, display box, notebook, display or poster which you have made.
4. If the exhibit is a wooden display box, it must be 18 x 24 x 3.5 inches with a clear plastic top (such as plexiglass) and displayed horizontally. If the exhibit is a poster, it must not be larger than 22" x 28". If the exhibit is a display, maximum size is not to exceed a standard commercial 3' x 4' tri-fold display board.
5. Name and county/district must clearly be marked on educational exhibits.

Class 4902 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.

Class 4904 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.

Class 4906 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.

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

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

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

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 for additional guidelines.

6. Exhibitors are required to participate in consultative judging in person. For more information see "General Rules" rule #4.

Class 5200 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 5201 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 5202 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 5203 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 5204 Geology Educational Exhibit: Exhibit relating to everyday living; or to a mineral test, a rock formation, geological history, species of a fossil, forms of one mineral, a variation of one kind of rock, archaeological artifacts, or Indian artifacts. Digital formats are accepted. Please make arrangements for the judge to view your exhibit and have a hard copy for display. Exhibit limited to 4 feet of 35 table space. Care should be taken to use durable materials that will withstand State Fair conditions. Exhibitor may show in the class regardless of number of times he or she has exhibited at State Fair or whether exhibitor has entries in classes 5200, 5201, 5202 or 5203. Exhibitor may also exhibit in lapidary class.

Class 5205 Mineralogy . Display a minimum of 15 mineral specimens collected in Kansas, at least 5 of which have been collected during the current 4-H year. The minerals are to be grouped by mineral class (i.e.: Carbonates, Oxides, Silicates) and at least 3 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: CaCO₃ for calcite) if known.

Class 5206 Fossils. Display a minimum of 15 fossil specimens collected by the participant in Kansas, at least 5 of which have been collected during the current 4-H year. The fossils are to be grouped by Phylum and Class, and at least 3 phyla must be represented (Brachiopoda, Chordata, Mollusca, etc.) The member must use one standard display box (see #1). The specimens must be labeled with the number of the specimen; date collected; county where collected; formation, member, or source; phylum, class, and genus or part; and geologic age (Cretaceous, Permian, Pennsylvanian, etc.) See #5 for additional fossil labeling expectations.

Class 5207 Rocks. Display a minimum of 15 rock specimens collected in Kansas, at least 5 of which have been collected during the current 4-H year. Rocks are to be grouped by the 3 rock classes (Sedimentary, Igneous, and Metamorphic). You must display at least one specimen from each of the three classes. The specimens must fit in one standard display box. Specimen labels must include a specimen number, the date collected, name of specimen, and the county where collected. All rocks must be identified by the formation and member name (Examples: Fort Hays Limestone, Member of the Niobrara Chalk Formation) or source (Examples: Rocky Mountain Outwash, glacial till).

LAPIDARY

All lapidary specimens should be labeled with the following information:

- Specimen name
- Place of origin (country, state, or county; county required for Kansas specimens)
- Purchased or self-collected
- Date lapidary treatment began
- Date lapidary treatment completed (Treatment completed after the State Fair is considered a new year specimen).

Exhibitors are required to participate in consultative judging in person. For more information see “General Rules” rule #4.

For more guidelines please contact the Extension Office or visit the state fair website at www.kansasstatefair.com

Class 5300 Lapidary. Display at least 5 varieties of polished (tumbled) specimens and 5 varieties of unpolished specimens that have not yet received lapidary treatment. 36 These do not have to be an example of “before and after”, nor do they have to be self-collected. Locales must be identified. Only those exhibiting lapidary at the State Fair for the first time may exhibit in this class.

Class 5301 Lapidary. Display before-and-after examples of at least 3 varieties of specimens, at least 2 tumble-polished and 2 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.

Class 5302 Lapidary. Display before-and-after examples of at least 6 varieties of specimens, at least 2 tumble-polished and 2 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. Locales must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.

Class 5303 Lapidary. Display before-and-after examples of at least 9 varieties of specimens, at least 2 tumble-polished and 2 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. Locales must be identified. Lapidary work on at least three varieties should be done during the current 4-H year.

Class 5304 Lapidary. Exhibit at least 6 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 3 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.

Special lapidary exhibits should be entered in class **5304**. Please note that each member is limited to one entry in this class

DIVISION O
AG MECHANICS WELDING
Pre-entries Required

The Ag Mechanics project is starting with an emphasis on welding and smithing, it will expand as the project area grows. This project allows youth to explore areas of ag mechanics and metallurgy from repairing or repurposing items to the fabrication of new items. The intent is for this program start with foundational areas, some of which youth may already have, and allow them to continue to build on this knowledge becoming more experienced.

Exhibitors are required to participate in consultative judging in person. For more information see “General Rules” rule #4.

For more guidelines please contact the Extension Office or visit the state fair website at www.kansasstatefair.com

Introductory – Level 1 (about 1 - 3 years’ experience)

This level is designed for youth with little to no exposure in the project area so that they can gain an understanding of basic principles and methods in the given area. 5550 Welding Display Board. A 3’ x 3’ display board with different pieces of metal attached illustrating different types of welds, each weld being labeled.

Class 5551 Level 1 Welding Ag Repair. Repair of ag equipment with welding.

Class 5552 Level 1 Welding Ag Fabrication. Creation of new ag equipment with welding.

Class 5553 Level 1 Welding General Repair. Repair of non-ag equipment with welding.

Class 5554 Level 1 Welding General Fabrication. Creation of non-ag equipment with welding.

Class 5555 Level 1 Welding Artistic Fabrication. Creation of artistic or interpretive pieces with welding.

Class 5556 Level 1 Brazing Repair.

Class 5557 Level 1 Brazing Fabrication.

Class 5558 Smithing Display Board. A 3’ x 3’ display board with different pieces of forged metal attached illustrating different forms, each form being labeled.

Class 5559 Level 1 Smithing. A design forged with at least one formed element (twists or spirals for example).

Experienced – Level 2 (about 4 - 6 years’ experience)

This level is designed for youth some experience in the project area allowing them to expand on common principles and methods in the given area.

Class 5560 Level 2 Welding Ag Repair. Repair of ag equipment with welding.

Class 5561 Level 2 Welding Ag Fabrication. Creation of new ag equipment with welding.

Class 5562 Level 2 Welding General Repair. Repair of non-ag equipment with welding.

Class 5563 Level 2 Welding General Fabrication. Creation of non-ag equipment with welding.

Class 5564 Level 2 Welding Artistic Fabrication. Creation of artistic or interpretive pieces with welding.

Class 5565 Level 2 Brazing Repair.

Class 5566 Level 2 Brazing Fabrication. A design forged with at least two different formed elements (twists and spirals for example).

Advanced – Level 3 (about 7 - 9 years’ experience)

This level is designed for youth with vast experience in the project area allowing them to master common principles and methods and expand on advanced techniques in the 52-given area.

Class 5570 Level 3 Welding Ag Repair. Repair of ag equipment with welding.
Class 5571 Level 3 Welding Ag Fabrication. Creation of new ag equipment with welding.
Class 5572 Level 3 Welding General Repair. Repair of non-ag equipment with welding.
Class 5573 Level 3 Welding General Fabrication. Creation of non-ag equipment with welding.
Class 5574 Level 3 Welding Artistic Fabrication. Creation of artistic or interpretive pieces with welding.
Class 5575 Level 3 Brazing Repair.
Class 5576 Level 3 Brazing Fabrication.
Class 5577 Level 3 Smithing. A design forged with at least three different formed elements (twists, spirals and bulbs for example).

Master – Level 4 (10 or more years’ experience)

This level is designed for youth substantial experience in the project area allowing them to master advanced techniques in the given area.

Class 5580 Level 4 Welding Ag Repair. Repair of ag equipment with welding.
Class 5581 Level 4 Welding Ag Fabrication. Creation of new ag equipment with welding.
Class 5582 Level 4 Welding General Repair. Repair of non-ag equipment with welding.
Class 5583 Level 4 Welding General Fabrication. Creation of non-ag equipment with welding.
Class 5584 Level 4 Welding Artistic Fabrication. Creation of artistic or interpretive pieces with welding.
Class 5585 Level 4 Brazing Repair.
Class 5586 Level 4 Brazing Fabrication.
Class 5587 Level 4 Smithing. A design forged with at least four different elements (twists, spirals and bulbs for example).

DIVISION P
BUILDING BLOCK ENGINEERING
Pre-entries Required

The STEM BBE exhibit area focuses on using architectural blocks (“Legos”) to construct dioramas. This project allows youth to explore architectural design in a three-dimensional space. The intent for this program is to allow youth to explore the construct and gain knowledge through interaction with a common toy.

Exhibitors are required to participate in consultative judging in person. For more information see “General Rules” rule #4.

For more guidelines please contact the Extension Office or visit the state fair website at www.kansasstatefair.com

1. Total exhibit dimensions may not exceed 2 feet high, by 2 feet wide, by 2 feet deep.
2. The minimum exhibit dimensions must be at least 6 inches wide and deep.
3. 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.

4. All components used in construction should be dust free, clean, free of chips, scuffs, or cracks. Gaps or cracks should not be visible between assembled blocks unless they fit with the story, for example an earthquake.
5. The primary building component should be interlocking blocks, commonly referred to by the brand name of Lego®.
6. Other components can be integrated into dioramas to illustrate architectural aspects that may be difficult to convey with traditional interlocking blocks, for example marbles for small round objects.
7. 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.
8. All dioramas should have a story 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.
9. Vehicles that are intended to stay in a single place should be affixed to base plates with sticky tack, hot glue, or other method
10. Mechanical enhancements or motion elements that add motion to the diorama are acceptable and encouraged. For example, marry-go-rounds, doors, 54 elevators, gears, marbles going down a channel, flapping wings, animatronics, etc. If included judges should be able to use them and instructions should be provided for operation either in the story or on a separate page.
Interlocking brick creations that fall into a "creation" class can be any creation made by a 4-H. It could range from a homemade plane to a Star Wars intergalactic space vehicle.
11. These items in "creation" classes 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.
12. Projects will not be judged in clear enclosure. They will be removed for judging and then subsequently placed into enclosure for the duration of the fair. This is done to protect the creation as well as prevent any parts or pieces from becoming lost.

Junior (ages 7-8)

- *Class 52 Interlocking brick diorama built from scratch
- *Class 53 Interlocking brick diorama built from kit
- *Class 54 Interlocking brick creation built from scratch
- *Class 55 Interlocking brick creation built from kit

Intermediate (ages 9-13)

- Class 5710 Interlocking brick diorama built from scratch
- *Class 56 Interlocking brick diorama built from scratch
- *Class 57 Interlocking brick creation built from scratch
- *Class 58 Interlocking brick creation built from kit

Senior (ages 14 and up)

- Class 5711 Advanced Interlocking brick diorama built from scratch
- *Class 59 Advanced interlocking brick diorama built from kit
- *Class 60 Advanced Interlocking brick creation built from scratch
- *Class 61 Advanced Interlocking brick creation built from kit

***No State Fair Class**

DIVISION Q
STEM EDUCATIONAL EXHIBITS
Pre-entries Required

Educational exhibits including Astronomy, Rocketry, Robotics, Computers, and Uncrewed Aerial Systems. These exhibits may include posters, notebooks, and display boards relating to projects listed above.

Exhibitors are required to participate in consultative judging in person. For more information see “General Rules” rule #4.

For more guidelines please contact the Extension Office or visit the state fair website at www.kansasstatefair.com

1. Educational displays are not to exceed a standard commercial 3’ x 4’ tri-fold display board. No card table exhibits will be allowed. Care should be taken to use durable materials that will withstand Kansas State Fair conditions.
2. “Construction Kits” that are part of Educational displays must be contained in cases (tackle boxes, sealable containers, etc.) that may not be larger than 1’ x 2’ x 2’ and must have a latch which securely keeps all components contained in the “Construction Kits”.
3. Educational Project notebooks must be organized in a 3-ring binder.
4. Any three-dimensional poster or display board exhibits may not be thicker than 2 inches.
5. Engines and igniters for rockets ARE NOT permitted with the exhibit and constitute an immediate disqualification. This is for safety reasons and includes both spent and live engines. Other components may be used in place of live and spent engines.

Astronomy – Junior Division (Ages 7-8)

- *Class 62 Junior Astronomy Educational Display
- *Class 63 Junior Astronomy Educational Notebook
- *Class 64 Junior Astronomy Educational Poster

Astronomy – Intermediate Division (Ages 9 – 13)

- Class 5731 Intermediate Astronomy Educational Display
- Class 5732 Intermediate Astronomy Educational Notebook
- Class 5733 Intermediate Astronomy Educational Poster

Astronomy – Senior Division (Ages 14 years and older)

- Class 5736 Senior Astronomy Educational Display
- Class 5737 Senior Astronomy Educational Notebook
- Class 3738 Senior Astronomy Educational Poster

Rocketry – Junior Division (Ages 7-9)

- *Class 65 Junior Rocketry Educational Display
- *Class 66 Junior Rocketry Notebook
- *Class 67 Junior Rocketry Poster Board

Rocketry – Intermediate Division (Ages 9 – 13)

- Class 5741 Intermediate Rocketry Educational Display
- Class 5742 Intermediate Rocketry Notebook
- Class 5743 Intermediate Rocketry Poster Board

Rocketry – Senior Division (Ages 14 years and older)

- Class 5746 Senior Rocketry Educational Display

Class 5747 Senior Rocketry Notebook
Class 5748 Senior Rocketry Poster Board

Robotics – Junior Division (Ages 7-8)

- ***Class 68** Junior Robotics Educational Display
- ***Class 69** Junior Robotics Educational Notebook
- ***Class 70** Junior Robotics Educational Poster

Robotics – Intermediate Division (Ages 9 – 13)

Class 5756 Intermediate Robotics Educational Display
Class 5757 Intermediate Robotics Educational Notebook
Class 5758 Intermediate Robotics Educational Poster

Robotics – Senior Division (Ages 14 years and older)

Class 5761 Senior Robotics Educational Display
Class 5762 Senior Robotics Educational Notebook
Class 5763 Senior Robotics Educational Poster

Robotics Team Robotics Project

Class 5766 Team Robotics Educational Display
Class 5767 Team Robotics Educational Notebook
Class 5768 Team Robotics Educational Poster

Computer Science – Intermediate Division (Ages 9 – 13)

Class 5771 Junior Computer Educational Poster
Class 5772 Junior Computer Display Board
Class 5773 Junior Computer Notebook

Computer Science – Senior Division (Ages 14 years and older)

Class 5776 Senior Computer Educational Poster
Class 5777 Senior Computer Display Board
Class 5778 Senior Computer Notebook

Uncrewed Aerial System – Intermediate Division (Ages 9 – 13)

Class 5781 Junior Uncrewed Aerial System Educational Poster
Class 5782 Junior Uncrewed Aerial System Display Board
Class 5783 Junior Uncrewed Aerial System Notebook

Uncrewed Aerial System – Senior Division (Ages 14 years and older)

Class 5786 Senior Uncrewed Aerial System Educational Poster
Class 5787 Senior Uncrewed Aerial System Display Board
Class 5788 Senior Uncrewed Aerial System Notebook

Ag Mechanics/Welding – Intermediate Division (Ages 9 – 13)

Class 5475 Intermediate Ag Mechanics/Welding Educational Display
Class 5476 Intermediate Ag Mechanics/Welding Educational Notebook
Class 5477 Intermediate Ag Mechanics/Welding Educational Poster

Ag Mechanics/Welding – Senior Division (Ages 14 years and older)

Class 5478 Senior Ag Mechanics/Welding Educational Display
Class 5479 Senior Ag Mechanics/Welding Educational Notebook
Class 5480 Senior Ag Mechanics/Welding Educational Poster

Building Block Engineering – Junior Division (7-8)

- ***Class 71** Junior Building Block Engineering Educational Display
- ***Class 72** Junior Building Block Engineering Educational Notebook
- ***Class 73** Junior Building Block Engineering Educational Poster

Building Block Engineering – Intermediate Division (Ages 9 – 13)

Class 5481 Intermediate Building Block Engineering Educational Display

Class 5482 Intermediate Building Block Engineering Educational Notebook
Class 5483 Intermediate Building Block Engineering Educational Poster
Building Block Engineering – Senior Division (Ages 14 years and older)
Class 5484 Senior Building Block Engineering Educational Display
Class 5485 Senior Building Block Engineering Educational Notebook
Class 5486 Senior Building Block Engineering Educational Poster

DIVISION R
VISUAL ARTS & CRAFTS
Pre-entries Required

VISUAL ARTS

Things to Learn/Do in the Project

- Learn drawing, painting and printing techniques in paint, pencil, chalk, charcoal or mixed media
- Learn sculpture techniques
- Make something from wood, leather, paper or clay
- Weave a basket or wall hanging
- Etch glass or metal or make jewelry and wire sculptures
- Do mosaics or nature crafts
- Discover new mediums

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. *(Diamond art will not be accepted by the State Fair as of 2022)*
4. **Exhibitors are required to participate in consultative judging in person. For more information see “General Rules” rule #4.**

Class 4501 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.

Class 4502 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.

Class 4503 Leather and Jewelry: Any leather stamping, carving, tooling, lacing, or stitching piece or any jewelry piece made from any medium are acceptable exhibits.

Class 4504 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.

Class 4505 General Crafts: This category incorporates miscellaneous pieces that do not correspond to the four, above-mentioned categories.

***Class 74** Barn Quilts *(This class is for Individual entries, for Club entries see Division H)*

***Class 75** Porch Signs *(This class is for Individual entries, for Club entries see Division H)*

***No State Fair Class**

DIVISION S
VETERINARY SCIENCE
Pre-entries Required

The purpose of the 4-H Veterinary Science project is to provide a way for young people who care for animals and may want to follow a career in veterinary medicine to explore the topic. In this project, members will learn about animal health, behavior, and visit with veterinarians. 4-H member in the Veterinary Science project may develop an exhibit to demonstrate the knowledge and skills learned about a common health problem in animals, a veterinary science principle or public health/zoonotic diseases.

Rules

- 1.) A Veterinary Science exhibit may consist of a poster, notebook or project display. The exhibit may represent material from any of the Veterinary Science projects including entry level exhibits from Unit I.
- 2.) If photographs are to be part of the exhibit, remember that they will be viewed by the public. Make sure that the photographs are in good taste and will not be offensive to anyone. Graphic photographs of excessive bleeding, trauma or painful procedures are not appropriate. For exhibits related to veterinary surgical procedures, aseptic techniques need to be shown, for example, use of drapes, use of sterile procedures, wearing of gloves and other appropriate veterinary medical practices.
- 3.) First-Aid Kits: Because of public safety concerns and risk of theft of first-aid kit contents (veterinary drugs/equipment) with perceived potential for drug abuse, animal first aid kits containing any drugs or medications will be immediately disqualified and not displayed. First Aid kits wishing to include medication information should instead utilize written descriptions, photographs, drawings, computer generated print-outs or empty packaging of pharmaceuticals.
- 4.) Veterinary Science Posters - This exhibit presents the viewer with a design that is simple and direct, unlike a display that usually presents more information. A poster should not exceed 22" x 30" and may be either vertical or horizontal.
- 5.) Veterinary Science Displays - A display may include but is not limited to: a 3- dimensional exhibit, a scale model, the actual product (for example: skeleton; teeth; samples of leather, fur, or dried skin damaged by disease or parasites) or a notebook. A display is not a poster. A display may be mounted on poster board not to exceed 22" x 28" or on 1/4" plywood or equivalent that does not exceed 24" high or 32" wide or in a three-ring binder or another bound notebook format.
- 6.) Veterinary Science Notebooks: Individual entries are to be placed for display in a three-ring notebook for competition. Notebooks may not be larger than 8 1/2' x 11".
- 7.) Neither the Kansas State Fair nor the department of 4-H Youth Development, KSRE are liable for the loss or damage of any personal property included as part of your poster, display or notebook.
- 8.) Name, county/district, age and year in project should be on the front of the poster, display or notebook.
- 9.) Appropriate topics include: Maintaining Health Specific disease information Photographic display of normal and abnormal characteristics Animal health or safety Public health or safety Proper animal management to ensure food safety and quality Efficient and safe livestock working facilities A topic of the exhibitor's choosing related to veterinary medicine or veterinary science.
- 10.) Because these are science displays, all references and information must be properly cited. Proper sources include but are not limited to: Professional journals and publications, professional AVMA accredited websites, interviews with veterinarians and excerpts from Veterinary Educational

Literature. Plagiarism will result in a disqualification. Please study your topic and present the information to your audience in your own words.

Class 7000 4-H Veterinary Science Large Animal Poster, Notebook or Display

Class 7001 4-H Veterinary Science Small Animal Poster, Notebook or Display

Livestock General Rules

- A. Number of animals entered per species will be as follows:
 - a. Beef: 2 Market and 2 Breeding Sheep: 2 Market and 2 Breeding
 - b. 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.
 - a. Market Beef by **May 1**, of current year
 - b. Bucket Calf, Market Swine, Market Lambs, and Meat Goats by **June 15**, of current year.
- H. Exhibitors showing breeding animals must prove ownership by tagging or registration papers to be eligible to show.
- I. Exhibitor must own the following animals by the dates listed to be eligible to show.
 - a. * Breeding Beef, Swine, Sheep, & Meat Goats by **May 1**, of current year.
 - b. * Dairy Goats and Dairy Cows, by **May 1**, of current year.
- J. 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.
- K. Premise ID tags (scrapie tags) must be in sheep and goats. If not tagged will not be allowed to remain at the Fairgrounds.

**DIVISION T
SHOWMANSHIP**

1. Every member showing livestock is encouraged to participate in the showmanship contest.
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>		<u>Ages 14 & older</u>	
468	Beef	469	Beef	470	Beef
471	Sheep	472	Sheep	473	Sheep
474	Swine	475	Swine	476	Swine
477	Dairy	478	Dairy	479	Dairy
480	Goats	481	Goats	482	Goats

**DIVISION U
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. Judging will be based on the following:
 - a. -Knowledge about the animal (age, breed, feeding practices, etc.)
 - b. -Ability to handle and control the animal.
 - c. -Health and condition of animal, (health certificate not required)
 - d. -Grooming of the animal - **No** clipping allowed. If clipping is done, 4-her will be disqualified and asked to leave the ring.
 - e. **7-8 year olds:** No show sticks, combs or brushes allowed in the ring during the show.
 - f. **9-12 year olds:** No show sticks, combs, or brushes allowed in the ring during the show.

- Class 375** 4-Hers, 7-8 years of age
Class 376 4-Hers, 9-12 years of age
Class 377 2nd Year Bucket Calf (not eligible for any other class)

**DIVISION V
DAIRY**

1. Exhibitor must own all animals by **May 1**, current year, to be eligible to show.
2. Showmanship, Division T, 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, 2023
435	436	437	438	439	Yearling Heifer - born between July 1, 2022 and June 30, 2023
440	441	442	443	444	Cow - born before July 1, 2022

**DIVISION W
BEEF**

1. See Livestock General Rules for health requirements.
2. Showmanship, Division T, 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 1100 lbs, but lighter weights may be shown.
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 4-H 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 **May 1**, current year, to be eligible to show.
2. Exhibitor must prove ownership by tagging or registration papers to be eligible to show.
3. The Heifer Show is a "no fit" show. "No Fit", at the 4-H Fair is defined as using no adhesive, glue, paint or powder products.
4. Champion and Reserve Champion will be selected for each breed if quality merits.
5. 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 X
SWINE**

1. Showmanship, Division T, 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 230 lbs. but lighter weight animals may be shown.
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.
2. Exhibitor must prove ownership by tagging or registration papers to be eligible to show.

Class 371 Purebred Breeding Gilts

Class 372 Crossbred Breeding Gilts

**DIVISION Y
GOATS**

1. A goat cannot be shown in both meat and dairy classes; one class per animal.
2. Showmanship, Division T, 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. May show 2 per class with maximum of 4 goats total.
2. Exhibitor must own all animals by **May 1**, current year, to be eligible to show.
3. In determining the age class in which the animal is to be shown, the cut-off date will be August 1, current year.
4. Exhibitor should be neatly and appropriately attired, preferably in white, when showing their animals in the ring.
5. All animals will be shown by breeds in the following order:
 - a. Alpine
 - b. LaMancha
 - c. Nubian
 - d. Sanatee
 - e. Toggenburg
 - f. Grade

Class 450 Doe, under 4 month of age

Class 451 Doe, between 4 & 8 months of age

Class 452 Doe, between 8 & 12 months of age

Class 453 Doe, between 12 & 24 months of age

Class 454 Doe, over 24 months of age

Class 455 Market Wether, birth to under 6 mo

Class 456 Market Wether, 6 months to 12 months

Class 457 Mother/Daughter, at least one of the animals must be owned by the exhibitor

Class 458 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 suggested 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. Exhibitor must prove ownership by tagging or registration papers to be eligible to show.
3. Horns do not need to be tipped. No paint, powder or any artificial coloring may be used.
4. Halters and show collars will be allowed in show ring; exhibitors will not lift front legs off ground during judging.
5. Breeding meat goats cannot show in the Dairy Goat or Market Meat Goat Class.
6. Does do not need to be slick shorn.

Class 460 Spring Doe born after Jan. 1, 2024

Class 461 Fall Doe born between Sept. 1 and Dec 31, 2023

Class 462 Yearling Doe born between Sept 1, 2022 and Aug 31, 2023

Class 463 Aged Does born before Sept 1, 2022

**DIVISION Z
SHEEP**

1. Showmanship, Division T, 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 90 lbs (lighter weight animals may be shown)
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. Exhibitor must prove ownership by tagging or registration papers to be eligible to show.
3. Champion and Reserve Champion will be selected for each breed if quality merits.
4. Breed classes will be determined by superintendents.

*H-HAMPSHIRE; *SU-SUFFOLK; *D-DORSET; *S-SOUTHDOWN; *R-RAMBOUILLET;
*M-MONTADALE; *C-COMMERCIAL; *O-OTHER

*H	*SU	*D	*S	*R	*M	*C	*O	CLASSES:
801	802	803	804	805	806	807	808	Spring Ewe Lamb born after Jan. 1, 2024
809	810	811	812	813	814	815	816	Fall Ewe born between Sept. 1, 2023 and Dec 31, 2023
817	818	819	820	821	822	823	824	Yearling Ewe born between Sept. 1, 2021 and Aug. 31, 2023
825	826	827	828	829	830	831	832	Aged Ewe born before Sept.1, 2022

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