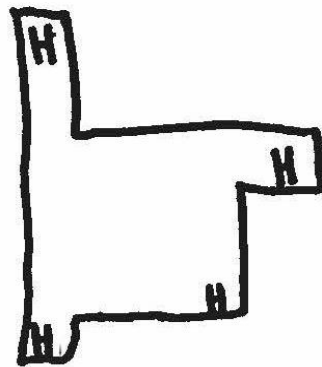
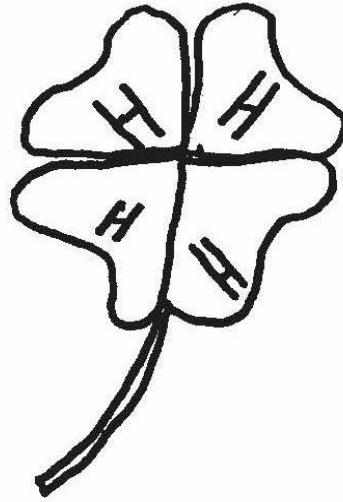


Head

2020

Heart

Montgomery
County
4-H Fair



Hands

Health

General Fair Information Project Exhibit Requirements

- a. **Parental Help-** is sometimes needed with the 4-H project but be reminded that the majority of the work must be done by the 4-H member. *Also, 4-H members are on his/her honor to show a project completed in the last 4-H year (9/1/19 to the present).* Refurbished projects from past years will not be accepted.
- b. **Exhibit Rules-** Specific rules for each project are listed in this Show Book. In most cases, the exhibit listed is one of several activities taken from your project manual. Be certain to follow the rules listed in **this handbook EXACTLY**, even if they differ from your project manual. 4-H Show exhibits which do not meet these guidebook rules will not be eligible for state fair.
- c. **Number of Entries-** Some projects allow you to bring more than one exhibit per project; others allow only one. Remember to select just one choice unless the project rules specifically say you can prepare more than one. In the visual arts project, you may enter a separate exhibit in any or all of the 11 visual arts sub-divisions, but you may only bring two exhibits per sub-division.
- d. **Size:** Table displays are limited to no more than 2' wide x 15 inches deep. There is no restriction on the height of displays, but exhibits over 4' tall must sit on the floor. Maximum poster size is 22" x 30".
- e. **What to expect at the General Show** - Be sure you have read the rules and requirements for General show and for your project. You will find these in this book.
- f. **Attire-** Dress casual and be well groomed. Keep in mind that the fair is held outside under a pavilion, so check the weather when you are choose what to wear. Members shall not wear clothing with writing or symbols which: promote drug, alcohol or tobacco products; are sexually explicit or suggestive.
- g. **Check-in-** Check the show times, NO late entries will be accepted. Bring your projects to the registration tables and get in the line designated for your club. When it is your turn to register, you will be asked what projects you have with you. For each project you will receive a tag that will need to be attached before being placed. Take your projects and tags to the receiving table where you will find string and tape. Once you have attached the tag you will release your projects to a member of the youth committee who will put your project in the correct section. You may then take a seat in the bleachers. Only 4-H members and authorized workers will be allowed in the judging area during the competition.
- h. **Attendance-** 4-H members are encouraged to exhibit their own projects at the 4-H shows. Members unable to exhibit or who have a conflict **MUST** contact the Extension Office by June 1 of the current year. **Parents and Leaders may not exhibit a 4-Her's project.**
- i. **Conference Judging** - 4-H members will participate in Conference Judging at the Montgomery County 4-H Shows and Illinois State Fair. Conference judging is a one-to-one communication between the member and judge, as well as on the project. Below is a sample of the types of questions you may expect to be asked:
- What is your name, age, and number of years in this project?
 - Why did you enroll in this project?
 - What did you like most or least about this project?
 - What was the easiest and hardest thing about doing this project?
 - What gave you the most problems? If something failed, be honest.

Who helped you with your project?

How did you make this? or, How did you care for this?

What kinds of equipment did you use?

- j. **Parents-** are not allowed to assist the 4-H member at any time during the conference judging. Only the superintendents and junior superintendents will be allowed in the judging areas along with the 4-Her being judged. ***The judge's decision is final unless it has been determined that an exhibitor has not followed the guidelines or rules for that exhibit class.***
- k. **Awards-** Projects in non-livestock classes will be scored against a score sheet which is available to anyone upon request from the county office. Based on that score, each exhibit will receive either a **blue, red or white ribbon**. Projects earning a blue ribbon "met the standards" in most categories of the score sheet. Projects "needing some improvement" will receive a red ribbon, and projects "needing much improvement" will receive a white ribbon. Best in show medal will be awarded to an exceptional project when there are 3 or more projects in a class. Class Champion is awarded when there are at least 5 entries in a class
- l. **Grievances-** The judge's decision is final. However a written protest may be filed to the Protest Committee by the 4-H member within 72 hours of the show's conclusion. Protest must be signed by the member and their parent and must be accompanied by a \$10 deposit. The deposit will be returned if the decision is sustained. All money not returned will be donated to the Montgomery County 4-H Foundation. The Protest Committee shall be composed of a show superintendent, Extension staff member and a 4-H Committee chairperson.
- m. **Premiums** – in the past each county has been provided Ag premium money through the Illinois Department of Agriculture however, some years due to State of Illinois budget constraints this may not be possible. This means there may not be premium money at the county and/or state level. Please read the following disclaimer:

DISCLAIMER

"The Department of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the General Assembly of the State of Illinois fails to make an appropriation sufficient to pay such premiums, premium amounts may not be accurately reflected in this Premium Book."

Illinois State Fair – Projects selected for State Fair at the Montgomery County 4-H Show will be taken to the State Fair by the 4-H'er and parent for conference judging. It will be the responsibility of the 4-H member to see that he/she has completed all requirements, paperwork, and met the deadlines. If you are unsure what to do, do not hesitate to call the Extension office or e-mail.

Premium Schedule

Points will be used and translated into actual dollars following the show. The numbers shown are **NOT** dollar values.

Projects	Blue	Red	White
Beef,	8	6	4
Sheep, Horse, Swine, Goat	6	5	4
General Projects, Small animals,(dogs, small pets, cats, poultry, rabbit), Sewing, Foods, Clothing, Public Presentations	4	3	2

CHANGES TO AWARDS *Ribbons, Awards & Recognition for Virtual Shows*

Projects will be reviewed by the judge and – based on the listed project and exhibition requirements – be given a rating and ribbon for each entry. The A, B, and C rating system (with corresponding blue, red, and white ribbons) will still be used for all project areas. Judges will be instructed to use both scoresheets as well as comment boxes in Fair Entry to give feedback.

A Rating/Blue Ribbon – Project meets or exceeds project and class requirements.

B Rating/Red Ribbon – Project needs some improvement to meet project and class requirements.

C Rating/White Ribbon – Project needs a lot of improvement or is missing major project or class requirements.

If a project is state fair eligible, the judge will select any projects that he/she deems eligible to move on. Judges are not required to select state fair delegates and not all open spots have to be filled in a given project area. **Judges will not be selecting class champions or grand or reserves this year.**

Once all judging is complete, results will be sent to all families and announced publicly. Members will receive their respective ribbons later in the summer or during a 4-H event in the fall (Achievement Night, etc.) Staff is also working on additional ways to recognize and celebrate all members who participated in any 4-H exhibition during 2020.

Tax Implications for Prizes, Gifts or Awards

Program Participants (including minors) will be required to provide their social security number or foreign national tax ID number prior to receiving a prize, gift or award to ensure proper IRS reporting as required by law. This sensitive information is kept confidential and handled through security protected software (PEAR). Participants will not be eligible for prize, gift or award if social security or foreign national tax ID information is not provided.

The Dept. of Agriculture shall use its best efforts to secure sufficient appropriations to fund premiums. In any year for which the general assembly of the State of IL fails to make an appropriation sufficient to pay such premiums, premium amounts may not be accurately reflected in the Premium Schedule.

The University of Illinois Extension provides equal opportunities in programs and employment.

If you need a reasonable accommodation to participate in this program, please contact the Montgomery County Extension office at (217) 532-3941



4-H Online Judging Exhibitor Tip Sheet

You have worked so hard on your 4-H projects and we are excited to see your work. Even though we can't see you in person this year, online judging is a chance to share what you have learned, and to get feedback from a judge to help you think about your goals and plans for next year. Exhibits will be judged in the closed-access FairEntry System. After judging is complete, we will look for different ways to share your exhibits for public viewing. Here are some tips to help you plan for your online judging experience:

1. Most exhibits will require a 4-H Project Report and three photos (a photo of the overall exhibit and 2 photos that provide a close up of a skill, technique or content area that you would like to report). In a small number of project areas, additional documentation is required. Examples include a video showing your exhibit in action (such as robotics, computer program and live animals) or additional word document/PDF (such as crop record or creative writing sample).
2. This year for online judging a Microsoft PowerPoint or Google Slides option is available as an alternative to creating a physical poster presentation. If you have already started your poster, you can upload photos of your poster as previously described. The slideshow option is also available as an alternate to uploading several individual photo images. Slideshows should be no more than 10 slides. Slideshows of a maximum 20 slides are allowed for multi-year project binder/portfolio exhibits or large collection displays, including: My Financial Future: Adv., Entomology 3, RockHounds 1-2, Communications, Journalism, and Leadership 2-3.
3. An important part of the 4-H judging experience is to provide you an opportunity to share what you have learned with the judge. Because you are not able to meet in person with the judge, the 4-H Project Report is a key part of sharing what you have learned. A project report template is available for you and should be saved and uploaded with your FairEntry registration. This is required for every 4-H exhibit and should be no more than 1 page.
4. Each exhibit has different instructions on what documentation to upload into FairEntry. You can find the instructions for your project area and class in the 4-H Online Judging Exhibit Requirement Spreadsheet. Showbook requirements still apply.
5. If you run into trouble with uploading your exhibit documentation, please contact [_](#). We are here to help you!
6. Tips on Taking Photos of Your Exhibit:
 - Include a small card or piece of paper with your name and county in each photo
 - Remove glass or plastic before taking photos to avoid glare
 - Choose a location with good lighting to take photos of your exhibit – use natural lighting if possible.
7. Note: A few exhibit areas are difficult to share via photos. A video of no more than 3 minutes is required for robotics, computer science, video, and maker projects. Instructions on how to share your videos for these projects will be forthcoming.
8. More detailed instructions for livestock, horse, dog and public presentation contests will be sent separately.
9. Remember: judging comments can be helpful, but they are only one person's evaluation.
10. Once completed, exhibit photos/videos and awards will be posted for public viewing. This is a requirement for Ag Premium Eligibility. Remember that Ag Premium awards are subject to modification or cancellation in any year for which the General Assembly fails to make an appropriation to fund the premiums." (30 ILCS 120/14(d))

LIVE ANIMAL VIDEO REQUIREMENTS

1. Suggested 1080p videos. (most phones automatically film in 1080p).
2. Showman should be dressed in show attire.
3. Videos should be roughly 45 seconds. Must not exceed 60 seconds. 15 seconds per front, side, and rear view.
4. No editing is allowed. Should be a continuous video, with no stopping and restarting. No zooming in and out.
5. Phone must be held SIDEWAYS (Horizontally).
6. In no particular order: a chest, side, and rear view shot should be provided. All views 360 for poultry
& rabbits. Close ups allowed for dairy udders, poultry wing feathers and heads, rabbits.
7. Outside on level ground is best. On table for poultry/rabbits. No tall grass or deep bedding.
8. The person filming should NOT move. They can twist their waist to follow the animal, but should not walk while videoing. The showman should show to the camera as if it is the judge.
9. Judges should be instructed to mute livestock judging videos!

AEROSPACE Each county may send 2 entries total from 50130, 50131; and 1 entry from 50133.

Model Rocketry: (SF 50130)

(Open to youth in Aerospace 2, Aerospace 3, and Aerospace 4)

Exhibit one model rocket assembled or made by the member. The exhibit will be a static display. The model rocket should be in good flying condition. DO NOT include the rocket engine with your exhibit. The rockets will not be launched. Attach the printed directions for construction of the rocket if any were used.

4-H Project Upload/Registration Requirements:

4-H Project Report.

6 photos or slideshow (max 10 slides). Images to include: Front, Back, Top-down, Bottom-Up, close up of fin, close up of paint job.

Photo or PDF of build instructions used - if applicable.

Aerospace Display: (SF 50131)

(Open to youth in Aerospace 2, Aerospace 3, and Aerospace 4)

Prepare a display related to the aerospace project which does not fit in the model rocketry class. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Aerospace Ready4Life Challenge (SF 50133)

Open to 11- to 18-year-olds enrolled in any Aerospace project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

BEEF

RULES:

1. Exhibitor may show a total of eight animals of any weight and breed. If more than one animal falls within the same class, the second animal must be exhibited by another 4-H member. No more than two beef entries per class will be allowed. Rate of Gain steers are not considered in the total because it is not a

premium class.

2. All steers must have been dropped after January 1 of last year.
4. Steers and stocker calves may be purebred, grade, or crossbred.
5. All steers weighing under 599 pounds will be shown in the stocker calf class. A heifer weighing under 599 pounds must be shown in either the stocker calf class or a breeding class, not in both.
6. Steers weighing 800 pounds or more will be separated in the market steer class.
7. All steers must be owned by February 1 of current year and all breeding stock, stocker and feeder calves must be owned by June 1.
8. Steers to be entered in the Rate of Gain class or the Illinois State Fair Jr. Steer show must be tattooed and weighed between February 1 and March 15. Note: This means that steers for the market steer class no longer have to be tattooed.
9. "No bulls will be shown at the 4-H Show". Except calves in Cow/Calf Performance class as well as Stocker Calves.
11. Yearling calves should be broke to lead for upcoming show by spring weigh date.
12. No false hair will be allowed. Grooming of cattle needs to be completed by county 4-H members or immediate family members on the day of the beef show.

Photo/Video Requirements: 45 second video & Project Report OR 4 photos (Photos of Front, Back and both sides) & project Report. For each class/entry

Class 101 – Sr. Yearling Heifer - born on or before December 31 of previous year

Class 102 – Early Jr. Yearling Heifer - born January 1 – February 28 of previous year

Class 103 - Late Jr. Yearling Heifer - born March 1 – April 30 of previous year

Class 104 - Summer Yearling Heifer - born May 1 –August 31 of previous year

Class 105 – Sr. Heifer Calf - born September 1 - October 31 of previous year

Class 106 – Winter Heifer Calf - born on or after November 1 of previous year

Class 107 - Performance Cow Class - Cow must be nursing a calf that was dropped after January 1 of current year. Exhibitors may show without complete data, but realize it is to their advantage. Performance cards will be required for show and sent upon enrollment. All breeds will show in the same class.

Class 108 - Stocker Calf - Steer or Heifer weighing 599 pounds or less.

Class 109 - Market Steer - Minimum of 800 pounds.

All breeds will be shown together and will be divided by weight. A maximum of 6 steers may be shown per exhibitor. Weight breaks will be determined by the Superintendents.

Beef Animal Science (SF 50135)

Prepare a display focusing on any activity related to the beef project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Animal Science Beef Ready4Life Challenge (SF 50137)

Open to 11- to 18-year-olds enrolled in any Beef project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

BICYCLE (not eligible for state fair)

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Bicycle 1

Exhibitors will draw three situations from a bag that relate to activities from Level 1 and discuss/explain all three with the judge. Situations may include: Selecting bicycle safety equipment; Demonstrate how to fit a helmet; Identify bike parts and their function; Selecting the right size bike; How to check bicycle tires, brakes and chains; Recognizing traffic signs and their meaning; General discussion of bicycling hazards; and Items to consider when planning a bike trip.

Bicycle 2

Exhibitors will draw three situations from a bag that relate to activities from Level 2 and discuss/explain all three with the judge. Situations may include: Factors to consider when choosing a bike; Comparing tire pressure, valve type and tread; Steps in fixing a flat tire; Steps to follow when cleaning, lubricating and replacing a bike chain; Evaluating the braking system on a bicycle; Factors to consider when mapping out a bike route; Rules for smart bike riding; and Planning a menu for an all-day bike ride.

Bicycle Ready4Life Challenge (not eligible for state fair)

Open to 11- to 18-year-olds enrolled in any Bicycle project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

CAT

RULES:

1. Exhibitors with animals showing vicious behavior may be asked to leave by the superintendent or judge.
2. Trophies will be presented to Best Cat and Best Kitten, Best Costume and ribbons will be awarded

to Reserve Champion Cat and Kitten.

3. Cats (6 months and older) will be shown prior to kittens (under 6 months).
4. Animals must be accompanied by a health certificate. Animals must have the distemper and leukemia vaccinations given prior to the show. (Kittens 6 weeks and under are exempt from this rule.)
5. Pets should be on a leash or in pet carrier at all times.
6. Members may exhibit a poster instead of an animal (but not both) to be shown at the General Show.
7. Each exhibitor is limited to two entries in classes 61 & 62 and limited to only in all other classes.
8. For youth showing in both cats and dogs, staff will try to adjust the show schedules to accommodate.
9. Info on Cat Showmanship can be found on the website under Project support.

Photo/Video Requirements: 45 second video & Project Report OR 4 photos (whole body of animal, close up of face to view eyes, Close up of teeth and gums, close up of inside of ears) & project Report 1)

Class 61 – Cats Care (6 months and older). Judged based on condition of the animal and youth knowledge of the care it has received.

Class 62 – Kitten Care (under 6 months) Judged based on condition of the animal and youth knowledge of the care it has received.

Class 65 – Costume class- This class is for fun and will be judged on creativity and pet / owner bond. Possible award categories: most creative, funniest, cutest, best movie/character theme or best matching costume. Harness/collar must remain on the cat during the class. Each member can show 1 entry in this class.

Cat Animal Science (SF 50135)

Prepare a display focusing on any activity related to the cat project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Animal Science Cat Ready4Life Challenge (SF 50137)

Open to 11- to 18-year-olds enrolled in any Cat project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

CHILD DEVELOPMENT

CHILD DEVELOPMENT

Each county may submit 1 entry from 50141

Child Development (SF 50141)

Exhibit one of the following class options

- **Child Development 1: Infants and Toddlers**

Prepare a display focusing on any activity related to the child development project. Demonstrate the skills and knowledge you have gained through the child development project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects. Exhibit must include printed or electronic version of at least three completed activities from the manual.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Child Development Ready4Life Challenge (SF 50142)

Open to 11- to 18-year-olds enrolled in the Child Development project

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

CIVIC ENGAGEMENT

Each county may submit 2 entries total from classes 50145, 50146, 50147; and 1 entry from 50149. **Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.**

Civic Engagement 1 (SF 50145)

Exhibit a display illustrating one of the following options: 1) personal information about yourself – who you are, things you like to do, things you are good at, your favorites; 2) your feelings and how you handle these

feelings; 3) your family, their responsibilities, how you work together; **OR** 4) the Family Pedigree that may include family group pages. **Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.**

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Civic Engagement 2 (SF 50146)

Exhibit a display illustrating one of the following options: 1) your neighborhood; 2) how you were a good neighbor or led a service project for your community; **OR** 3) a Citizenship Challenge that you helped organize and lead (see the project book for details). **Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.**

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Civic Engagement 3 (SF 50147)

Exhibit a display illustrating one of the activities that you completed within your project as it relates to one of the following categories in the manual: 1) Government; 2) Business and Industry; 3) Transportation, Communication & Utilities; 4) Culture & Heritage; 5) Natural Resources & Environment; 6) Education; 7) Organizations within your community; 8) Tourism; **OR** 9) Support Systems within your community. **Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.**

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Civic Engagement Ready4Life Challenge (SF 50149)

Open to 11- to 18-year-olds enrolled in any Citizenship project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Service Learning 1 (not eligible for state fair)

Exhibit a binder portfolio to reflect what the exhibitor accomplished in the four steps of service learning. If exhibitor has been enrolled in project for multiple years, the binder portfolio should include previous years' work. Use of page protectors is recommended.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Service Learning 2 (not eligible for state fair)

Exhibit a binder portfolio to reflect what the exhibitor accomplished in the four steps of service learning. If the exhibitor has been enrolled in the project for multiple years (including Service Learning 1), the binder portfolio should include the previous years' work. Use of page protectors is recommended.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Service Learning 3 (not eligible for state fair)

Exhibit a binder portfolio to reflect what the exhibitor accomplished in the four steps of service learning. If the exhibitor has been enrolled in the project for multiple years (including Service Learning 1 & 2), the binder portfolio should include the previous years' work. Use of page protectors is recommended.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

CLOTHING & TEXTILES

Each county may submit 3 STEAM entries total from 50151 a-c, 50152 a-c, 50153 a-c; 2 shopping entries from 50154, 50155, 50156; and 1 Ready4Life entry from 50157.

All exhibits entered in the clothing and textiles area will be judged based on their construction and fit (if applicable). Exhibitors bringing garments should not wear their garments when they arrive for judging. The garment will be reviewed by the judges for construction first. Exhibitors will be asked to change into the garment as the second step of the judging process. If the garment was constructed for another individual, that individual must be present to wear the garment for the judge. (Only the exhibitor who made the garment is eligible for ribbon and premium.) Construction and appearance will both be considered during judging. If a pattern was used to make the item, the pattern instructions, either written or electronic, are to be included with the exhibit. Exhibit tags should be attached to the garment, not to the hanger.

Members wishing to exhibit knitted items should enroll in Visual Arts Fiber (if original) or Heritage Arts (if made from a pattern). Members who enroll in Clothing & Textiles with the intent of pursuing quilting can exhibit in the non-clothing exhibit category in STEAM Clothing 1—FUNDamentals. Quilts exhibited in the Clothing & Textiles area will be judged using a rubric that evaluates the sewing skills and construction of the item. All work on the quilt MUST be completed by the 4-H member. You cannot exhibit a quilt that was quilted by someone else. Quilts can be hand OR machine quilted as long as ALL work is completed by the exhibitor.

CLOTHING: STEAM

STEAM Clothing 1 – FUNDamentals (SF 50151a, 50151b, 50151c)

Exhibit one of the following in either the Non-Sewn, Sewn Non-Clothing, or Sewn Clothing exhibit divisions:

Non-Sewn Exhibits (SF 50151a) Exhibit one of the following:

- Clothing Portfolio – Complete at least three different samples/activities from Chapter 2 and/or Chapter 3 of the project manual. Examples of samples you might include: How Two Magically Become One, pages 85-86; No Fear of Fray, pages 93-95; Two Sides of the Moon, pages 97-99; On the Flip Side, pages 101-104; Basic Hand Sewing Skills, pages 106-108. The Portfolio should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover, dividers, and table of contents. NOTE – additional pages can be added each year but must be dated with the year. See pages 9-10 of project manual for portfolio formatting.
- Fabric Textile Scrapbook – Must include at least 5 different textile samples. Use Textile Information Cards template on page 41 in project manual to identify fabric swatches. Completed textile cards should be placed in an 8 ½ x 11, 3-ring binder. Include an appropriate cover. See project manual, pages 42-74, for fabric options and fabric science experiments.
- What’s the Difference - What’s the Price Point – Exhibit may include a notebook, poster, small display sharing a project comparison and price point. See activity, pages 118-120. Exhibit should include PHOTOS; NO actual PILLOWS.

Beginning Sewing Exhibits – exhibits in this class must be made from medium weight woven fabrics that will sew and press smoothly, flannel/fleece is acceptable. Solid color fabrics or those having an overall print are acceptable. NO PLAIDS, STRIPES, NAPPED or JERSEY KNIT. Patterns should be simple WITHOUT DARTS, SET-IN SLEEVES, and COLLARS. Raglan and loose flowing sleeves are acceptable.

4-H Project Report.

Three photos or slideshow (max 10 slides). Images to include: image of front, image of back, close up image of details.

Sewn Non-Clothing Exhibits (SF 50151b) Exhibit one of the following:

- Pillowcase
- Simple Pillow – no larger than 18” x 18”
- Bag/Purse – no zippers or button holes
- Other non-clothing item using skills learned in project manual

4-H Project Report.

Three photos or slideshow (max 10 slides). Images to include: image of front, image of back, close up image of details.

Sewn Clothing Exhibits (SF 50151c) Exhibit one of the following:

- Simple top
- Simple pants, shorts, or skirt – no zipper or button holes
- Simple Dress – no zipper or button holes
- Other – other wearable item using skills learned in project manual (apron, vest, etc.)

4-H Project Report.

Five photos or slideshow (max 10 slides). Images to include: Image wearing garment - front view, image wearing garment - back view, Image of garment inside out - front, image of garment inside out - back, close up image of detail.

STEAM Clothing 2 – Simply Sewing: (SF 50152a, 50152b, 50152c)

Exhibit one of the following in either the Non-Sewn, Sewn Non-Clothing, or Sewn Clothing exhibit divisions:

Non-Sewn Exhibits (SF 50152a) Exhibit one of the following:

- Clothing Portfolio – Complete at least four different samples/activities from Chapters 2, 3 AND/OR 4 of the project manual. The Portfolio should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover, dividers, and table of contents. NOTE – this can be a continuation of a Portfolio created in STEAM Clothing 1. Additional pages can be added each year but must be dated with the year created. See project manual, pages 9-11 for portfolio formatting.
- Expanded Textile Science Scrapbook – Must include at least 10 different textile samples. Use Textile Information Cards template on page 39 in project manual to identify fabric swatches. Completed textile cards should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover. See Project, pages 40-82 for fabric science experiments.
- Design Basics – Understanding Design Principles – Exhibit should include a learning experience that demonstrates the design principles and elements involved when selecting fabric for clothing and accessories. See project manual, pages 17-20 for design suggestions.
- Entrepreneurial Sewing – Exhibit should highlight items you made for sale online. Create an exhibit that displays products you made and posted online. Refer to the project manual, pages 161-167 for information on how to analyze the cost of similar purchased items to determine pricing of your products. The exhibit may be a notebook, poster or small display.

4-H Project Report

Three photos or slideshow (max 10 slides). Images to include: image of front, image of back, close up image of details.

Sewn Non-Clothing Exhibits (SF 50152b) Exhibit one of the following:

- Recycled Clothing Accessory – Create a clothing accessory made from a used item. The item must be changed in some way in the redesign process. The finished accessory must reflect at least one skill learned in the project and exhibitor should be able to identify the skill used. A before picture and a description of the redesign process must accompany the exhibit. Clothing accessory may include: hat, bag, scarf, belt, etc.
- Non-clothing item OR Clothing Accessory – Create a clothing accessory using at least one skill learned in this project. Exhibitor should be able to identify the skill used.

4-H Project Report

Three photos or slideshow (max 10 slides). Images to include: image of front, image of back, close up image of details. If recycled clothing accessory is chosen then a before picture of the garment should be included.

Sewn Clothing Exhibits (SF 50152c) Exhibit one of the following:

- Recycled Clothing – Create a garment from used textile based items. The original used item must be redesigned (not just embellished or decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project and exhibitor should be able to identify the skill used. A before picture and a description of the redesign process must accompany the exhibit.
- Constructed garment – Any garment with facings or curves. Should use at least one skill learned in this project and exhibitor should be able to identify the skills used. Garment should be appropriate for the age and experience of the member.

4-H Project Report

Five photos or slideshow (max 10 slides). Images to include: Image wearing garment - front view, image wearing garment - back view, Image of garment inside out - front, image of garment inside out - back, close up image of detail. If recycled clothing is chosen then a before picture of the garment should be included.

STEAM Clothing 3 – A Stitch Further: (SF 50153a, 50153b, 50153c)

Exhibit one of the following in either the Non-Sewn, Sewn Non-Clothing, or Sewn Clothing exhibit divisions:

Non-sewn Exhibits (SF 50153a) Exhibit one of the following:

- Clothing Portfolio – Complete at least four different samples/activities from Chapters 2, 3 AND/OR 4 of the project manual. The Portfolio should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover, dividers, and table of contents. NOTE – this can be a continuation of a Portfolio created in STEAM Clothing 1 and/or STEM Clothing 2. Additional pages can be added each year but must be dated with the year created. See project manual, pages 11-13 for portfolio formatting.
- Expanded Textile Science Scrapbook - Must include at least 10 different textile samples. Use Textile Information Cards template on page 29 in project manual to identify fabric swatches. Completed textile cards should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover. See Project, pages 39-52 for fabric science experiments.
- Advanced Entrepreneurial Sewing – Using knowledge gained in project manual, Chapter 5, display one sample product with a business plan that includes a business ID and logo. The Exhibit may be a notebook, poster or small display.

4-H Project Report

Three photos or slideshow (max 10 slides). Images to include: image of front, image of back, close up image of details.

Sewn Non-Clothing Exhibit (SF 50153b) Exhibit one of the following:

- Recycled Clothing Accessory – Create a clothing accessory made from a used item. The item must be changed in some way in the redesign process. The finished accessory must reflect at least one skill learned in the project and exhibitor should be able to identify the skill used. A before picture and a description of the redesign process must accompany the exhibit.
- Non-clothing item OR Clothing Accessory – Create a clothing accessory using at least one skill learned in this project. Exhibitor should be able to identify the skill used.

4-H Project Report

Three photos or slideshow (max 10 slides). Images to include: image of front, image of back, close up image of details. If recycled clothing accessory is chosen then a before picture of the garment should be included.

Sewn Clothing Exhibit (SF 50153c) Exhibit one of the following:

- Recycled Clothing – Create a garment from used textile based items. The original used item must be redesigned (not just embellished or decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project and exhibitor should be able to identify the skill used. A before picture and a description of the redesign process must accompany the exhibit.
- Constructed garment – Any garment constructed by the member which is appropriate for the age and experience of the exhibitor. Should use at least one skill learned in this project and exhibitor

should be able to identify the skills used. Possible examples are wool garment, dress or jacket with set in sleeves and zipper or buttons and button holes, suites evening gown or sport outfit.

4-H Project Report

Five photos or slideshow (max 10 slides). Images to include: Image wearing garment - front view, image wearing garment - back view, Image of garment inside out - front, image of garment inside out - back, close up image of detail. If recycled clothing is chosen then a before picture of the garment should be included.

CLOTHING: SHOPPING Exhibit one of the following options that align with the Shopping in Style level. If a garment is part of the 4-H exhibit, exhibitors should put the garment on PRIOR to their judging time.

Shopping in Style: Members are encouraged to spend more than one year involved in this project so they have time to 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 should build on previous year's learning experience.

Shopping in Style (SF 50154)

Beginning – Choose one of the following activities from Unit 1 or Unit 2 of the project book

- Exhibit should consist of a garment that reflects your personal style along with a poster or report that 1) explains how this garment reflects your style and how it influences what others think of you; **OR 2) how your personal style either aligns or contradicts what is considered to be "in style" today.**
OR
- Exhibit should include a garment you purchased along with a poster or report that explains or illustrates how this garment is either 1) a modern version of a fad or fashion from an earlier decade; **OR 2) how this garment reflects a different ethnic or cultural influence.** Exhibit should include garment you purchased along with a poster or report that provides 1) a body shape discussion and how body shape influences clothing selections; **OR 2) a color discussion that provides an overview of how different colors complement different hair colors and skin tones and how that influenced garment selection.** Poster or report may include pictures from magazines, the internet or actual photos of garments. **OR**
- Exhibit should include garment you purchased along with a poster or report that 1) explains how this garment uses the principles of design lines to create an illusion to alter appearance; **OR 2) explains how color and texture of fabrics can complement or enhance appearance.** Poster or report may include pictures from magazines, the internet, or actual photos of garments.

4-H Project Report.

2 photos or slideshow (max 10 slides). Images to include: image wearing garment - front, image wearing garment - back. Slide show in place of poster/report per fair book guidelines.

Intermediate – Choose one of the following activities from Unit 3 or Unit 4 of the project book (SF 50155)

- Exhibit should include two clothing items that were previously a part of your wardrobe that still fit but you don't wear anymore and pair them with something new to make them wearable again. Also include a report that explains why the garment was not being worn and what you did to transform it into a wearable garment again. **OR**
- Exhibit should include at least five pieces of clothing that exhibitor can mix and match to create multiple outfits. Include a poster or report that includes a clothing inventory AND describes what you have learned by completing this activity. **OR**
- Exhibit should include garment you purchased along with a poster or report that 1) includes a wardrobe inventory which indicates why you selected the garment you did, clothing budget, and cost of garment; **OR 2) explains how advertising influences clothing purchases making a distinction between wants and needs; and how the purchase of this garment compliments and/or extends your wardrobe.** **OR**

- Exhibit should include garment you purchased along with a poster or report that 1) describes a cost comparison of this item completed by the exhibitor when purchasing the garment; should include variety of shopping options and/or price tracking at stores over a period of time; **OR** 2) provides a quality comparison rating the specific clothing item purchased based on care, construction, cost and unique features; should include construction quality details, design features that influenced selection, cost per wearing, and garment care.

4-H Project Report.

2 photos or slideshow (max 10 slides). Images to include: image wearing garment - front, image wearing garment - back. Slide show in place of poster/report per fair book guidelines.

Advanced – Choose one of the following activities from Unit 5 or Unit 6 of the project book (SF 50156)

- Exhibit should include garment you purchased along with a poster or report that summarizes care requirements not only for this garment but also for garments made of other natural and synthetic fibers; exhibit should also include a care cost analysis for garments of different fibers. **OR**
- Exhibit should include garment you purchased which you have repaired or altered along with a poster or report that provides a clothing inventory list which includes cost savings for repaired items as compared to purchasing replacement garments.
- Exhibit should include multiple garments you purchased along with a poster or report that provides plans and commentary for a fashion show that that would capture the attention of an audience. Fashion show plans should identify target audience, include show venue, purpose of the show, and logistical plan for the fashion show. This should also include a financial plan. Exhibitor should be prepared to demonstrate modeling skills.

4-H Project Report.

2 photos or slideshow (max 10 slides). Images to include: image wearing garment - front, image wearing garment - back. Slide show in place of poster/report per fair book guidelines.

Sewing & Textiles Ready4Life Challenge (SF 50157)

Open to 11- to 18-year-olds enrolled in any Sewing & Textiles project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

COLLEGE & CAREER READINESS

Each county may submit 1 entry from 50365; and 1 entry from 50366.

Build Your Future (SF 50365)

Develop a Career portfolio which includes the items listed below. Members are encouraged to spend more than one year involved in this project so they have time to thoroughly explore the learning modules and develop a greater understanding of planning and preparing for their future and develop a comprehensive

career planning portfolio. The original OR photocopies of the completed activities from the project manual should be included in the portfolio. Each year enrolled in the project should build on previous year's learning experiences.

- **First Year** – Complete a minimum of Activities 1-4 from the Build Your Future project manual which includes: Skills...Choices...Careers; Making Career Connections; Build Your Future Through Portfolios; and Education Pay\$.
- **Second Year** – Complete a minimum of Activities 5-7 from the Build Your Future project manual which includes: Career FUNds; Turn Your 4-H Passion Into Profit; and Pounding the Pavement.
- **Third Year** – Complete a minimum of Activities 8-9 from the Build Your Future project manual which includes: Putting the Pieces Together: Goals for the Future; and Pathways to Success.

4-H Project Report.

Photos or slideshow of career portfolio (max. 10 slides for 1st year and up to 5 additional for each year in project).

College & Career Ready4Life Challenge (SF 50366)

Open to 11- to 18-year-olds enrolled in the College & Career project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

COMMUNICATIONS

Each county may submit 2 entries total from 50367, 50368, 50369; and 1 entry from 50370.

Communications 1 (SF 50368)

For 1st year enrolled in project: Exhibit a binder portfolio showcasing at least three activities from the project manual. Show basic activities and anything that extended lessons. For 2nd and 3rd years in project: Include everything from earlier years' work and add section showcasing at least four additional activities per year.

4-H Project Report.

Slideshow portfolio (max. 10 slides for 1st year and up to 5 additional for each year in project).

Communications 2 (SF 50368)

For 1st year enrolled in project: Exhibit a binder portfolio showcasing at least three activities from the project manual. Show basic activities and anything that extended lessons. For 2nd and 3rd years in project: Include everything from earlier years' work and add section showcasing at least four additional activities per year.

4-H Project Report.

Slideshow portfolio (max. 10 slides for 1st year and up to 5 additional for each year in project).

Communications 3 (SF 50368)

For 1st year enrolled in project: Exhibit a binder portfolio showcasing at least three activities from the project manual. Show basic activities and anything that extended lessons. For 2nd and 3rd years in project: Include everything from earlier years' work and add section showcasing at least four additional activities per year.

4-H Project Report.

Slideshow portfolio (max. 10 slides for 1st year and up to 5 additional for each year in project).

Creative Writing (SF 50367)

To provide the best learning experience, it is suggested that counties receive submissions in this class prior to the exhibition date to allow a judge adequate time to read the submissions and provide meaningful review. Each member may submit only one entry per class. Each entry is to be typewritten on 8 ½ x 11 paper and include exhibitor's name. Entries must be original and **written for the 4-H project**. Stories should be double-spaced. Poems may be single-spaced.

- **Rhymed Poetry** – An interpretation of a subject in rhymed verse. Submit a collection of three poems.
- **Free Style Poetry**– An interpretation of a subject in unrhymed verse. Submit a collection of three poems.
- **Short Story**– A fiction piece comprised of three basic elements: a theme, a plot and characters. Submit one story, maximum length –2,000 words.
- **Essay**– A short nonfiction composition in which a theme is developed or an idea is expressed. Submit one essay, maximum length –500 words.
- **Feature Story** -- Nonfiction human-interest story judged on interest to readers, writing style, readability, and thoroughness of coverage. Submit one story, maximum length –1,000 words.

4-H Project Report & Submit a writing sample.

Journalism (SF 50369)

Exhibit a binder portfolio showing the results of the appropriate year's activities noted below:

- **Year 1:** Accomplishments of a minimum of 5, 2-star activities from Part 1, answering all of the questions in the activities.
- **Year 2:** Results of doing a minimum of 5, 2-star activities in Part 2, answering all the questions in the activities.
- **Year 3:** Results of doing a minimum of 5, 3-star activities from Parts 1 and 2. One of the activities must include writing an advance story, a follow-up story, or a feature story.
- **Year 4:** Results of doing at least 2, 2-star activities and 3, 3-star activities from Part 3. If the activities include making an audio or videotape, State Fair will provide a way for the judge to view or listen to it.

4-H Project Report.

Slideshow portfolio (max. 10 slides for 1st year and up to 5 additional for each year in project).

Communications Ready4Life Challenge (SF 50370)

Open to 11- to 18-year-olds enrolled in any Communications project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

COMPUTER SCIENCE

Each county may submit 3 entries total from 50159, 50160, 50161, 50162; and 1 entry from 50164.

Exhibitors may bring computer equipment for demonstration purposes. Computers will not be furnished. Internet connections are not available for use by exhibitors. Any member found to be using computer software in a manner that infringes on copyright laws will be disqualified.

Beginning Visual Programming (not eligible for state fair)

Open to youth in Computer Science Visual Based Programming

Exhibit a simple program using Scratch (or other simple graphic programming language). The program should include 8 different commands including looping and getting input from the keyboard and mouse. All exhibits must include something visual, such as a poster or printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

Intermediate Visual Programming (SF 50159)

Open to youth in Computer Science Visual Based Programming

Exhibit a program using Scratch (or other simple graphic programming) that you have downloaded from the internet and modified. Compare the two programs and demonstrate the changes you made to the original program; **OR** create an animated storybook using Scratch (or other simple graphical programming language). All exhibits must include something visual, such as a poster or printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

Code from Scratch program

Video in which you explain your code as compared to the actions on the screen (Max. 3 min).

Advance Visual Programming (SF 50160)

Open to youth in Computer Science Visual Based Programming

Exhibit a video game you have created in Scratch (or other simple graphic programming). All exhibits must include something visual, such as a poster or printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

Code from Scratch program

Video in which you explain your code as compared to the actions on the screen (Max. 3 min).

Website Design: (SF 50161)

Open to youth in Computer Science Visual or Text Based Programming

Exhibit an original website that you have designed. Internet access will not be provided, so exhibitors must supply their own internet hot spot or the website must be hosted on the exhibitor's computer). All exhibits must include something visual, such as a poster or printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report (include URL link to website if live).

Code for website.

Video in which you explain your site (Max. 3 min).

Computer Open Source / Innovation CS (SF 50162)

Open to youth enrolled in Computer Science Text-Based Programming or robotics project).

Demonstrate the skills and knowledge you have gained through the Computer project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. Exhibits in this class may also demonstrate successful application of open source (publicly available) computing software and/or hardware, such as Raspberry Pi and Linux, to accomplish a task. All exhibits must include something visual, such as a poster or printed copy of a digital presentation or programming flowchart, which will remain on display during the exhibition. Exhibits in this area will be judged on the computer science programming. Youth enrolled in a robotics project should choose this class if you want the exhibit to be judged on the programming of the robot. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

Document of code.

Video in which you explain your site/app/code, etc. (Max. 3 min).

Computer Science Ready4Life Challenge (SF 50164)

Open to 11- to 18-year-olds enrolled in any Computer project

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

CONSUMER EDUCATION

Each county may submit 2 entries total from 50168, 50169; and 1 entry from 50167.

Entrepreneurship: Be the E! (not eligible for state fair)

Exhibit a binder portfolio or display that includes the results of at least two completed activities from each year exhibitor has been enrolled in the project. Completed activities from previous years should be included.

My Financial Future 1 Beginner (SF 50168)

Develop a Financial Planning portfolio which includes the items listed below. This project can be completed all in one year; or a member may take several years to explore each of the activities and develop a more detailed financial plan. The original OR photocopies of the completed activities from the project manual should be included in the portfolio. Each year enrolled in the project should build on previous year experiences.

- **First Year** – Complete a minimum of Activities 1-6 from the My Financial Future – Beginner project manual which includes: Who Needs This?; Let's get SMART; Bringing Home the Bacon; Managing Your Money Flow; My Money Personality; and Money Decisions.
- **Second Year and Beyond** – Complete a minimum of Activities 7-11 from the My Financial Future – Beginner project manual which includes: Banking your \$\$\$\$; Charging it Up; Check it Out; Better than a Piggy Bank!; and My Work; My Future.

4-H Project Report.

Slideshow portfolio (max. 10 slides for 1st year and up to 5 additional for each year in project).

My Financial Future 2 Advanced (SF 50169)

Building on your previous work in My Financial Future – Beginner project, continue adding to your Financial Planning portfolio which includes the items listed below. Members are encouraged to spend more than one year involved in this project so they have time to thoroughly explore the learning modules and develop a greater understanding of financial literacy, planning for their future, and develop a comprehensive career and financial planning portfolio. The original OR photocopies of the completed activities from the project manual should be included in the portfolio. Each year enrolled in the project should build on previous year's learning experiences.

- **First Year** – Complete a minimum of two activities from Module 1: Earning Income and Career Planning and Module 2: Organizing Your Flow.
- **Second Year** – Complete all activities not previously completed in Module 1: Earning Income and Career Planning and Module 2: Organizing Your Flow; **AND** a minimum of two the activities from Module 3: Working with Banks and Credit Unions: Bank on It and Module 4: Making Your \$ Work 4 U.
- **Third Year and beyond** – Complete all activities not previously completed in Module 3: Working with Banks and Credit Unions: Bank on It and Module 4: Making Your \$ Work 4 U; **AND** a minimum of two activities from Module 5: Credit and Consumer Breadcrumbs.

4-H Project Report.

Slideshow portfolio (max. 10 slides for 1st year and up to 5 additional for each year in project).

Consumer Ed Ready4Life Challenge (SF 50167)

Open to 11- to 18-year-olds enrolled in any Consumer Education project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

CROPS

Each county may submit 3 entries total from 50170, 50171, 50172, 50173; and 1 entry from 50175.

Soybeans (SF 50170)

Exhibit five fresh plants (include root system that is washed) that are representative of member's 4-H project field; **OR** exhibit an experimental or educational project related to one experience from your project. Include explanation of the project in a report for public understanding. Include the member's crop records with the exhibit, such as the 4-H Crop record found online @ 4-H.illinois.edu, an FFA crops record, or similar information.

4-H Project Book.

3 photos or slideshow (max 10 slides). Images to include: photo of two fresh plants or whole exhibit, closeup of root system or detail of exhibit, closeup of leaf or exhibit.

Crop record book.

Corn (SF 50171)

Exhibit two fresh plants of field corn (include root system that is washed), that is representative of member's 4-H project field; **OR** exhibit an experimental or educational project related to one experience from your project. Include explanation of the project in a report for public understanding. *Sweet corn should be exhibited in Vegetable Gardening unless being raised under commercial contract by the exhibitor.* Include the member's crop records with the exhibit, such as the 4-H Crop record found online @ 4-H.illinois.edu, an FFA crops record, or similar information.

4-H Project Book.

3 photos or slideshow (max 10 slides). Images to include: photo of two fresh plants or whole exhibit, closeup of root system or detail of exhibit, closeup of plant detail or exhibit.

Crop record book.

Small Grains (SF 50172)

Exhibit one gallon of the current year's crop of oats, wheat, rye, or barley that is representative of the member's 4-H project field; **OR** exhibit an experimental or educational project related to one experience from your project. Include explanation of the project in a report for public understanding. Include the member's crop records with the exhibit, such as the 4-H Crop record found online @ 4-H.illinois.edu, an FFA crops record, or similar information.

4-H Project Book.

2 photos or slideshow (max 10 slides). Images to include: photo of one gallon grain or whole exhibit, closeup of grain spread out on a cloth or line sheet, or detail of exhibit.

Crop record book.

Crops Innovation Class (SF 50173)

Open to youth enrolled in any Crops project

Demonstrate the skills and knowledge you have gained through the Crops project. This could be related to, but not limited to crop production, crop utilization or topics of interest to the member related to agronomy. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Crops Ready4Life Challenge (SF 50175)

Open to 11- to 18-year-olds enrolled in any Crops project

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

DAIRY CATTLE

RULES:

1. Exhibitors will be limited to 2 entries in each class, regardless of the number of breeds (except cow/calf class -only 1entry).
3. The grooming of animals will be optional.
4. Dates for required ownership are: Dairy steers must have been owned by Feb. 1, 2020. Heifers and calves must have been owned by June 1, 2020. Cows must have been owned by Jan. 1, 2020.

CLASSES

- Sr. Yearling Heifer** -born between 09-01-18 & 12-31-18
- Early Jr. Yearling Heifer Calf** -born between 01-01-19 & 02-28-19
- Intermediate Jr. Yearling Heifer Calf**-born between 03-01-19 & 03-31-19
- Late Jr. Yearling Heifer Calf**-born between 04-01-19 & 04-30-19
- Summer Yearling Heifer** -born between 05-01-19 & 08-31-19

- Sr. Heifer Calf**-born between 09-01-19 & 12-31-19
- Jr. Heifer Calf** -born between 01-01-20 & 04-30-20
- Cow** -born before 09-01-18
- Steer** -born after 01-01-18

Photo/Video Requirements: 45 second video & Project Report OR 4 photos (Photos of Front, Back and both sides) & project Report. For each class/entry

Dairy Cattle Animal Science (SF 50135)

Prepare a display focusing on any activity related to the dairy cattle project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

4-H Project Report.
3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Animal Science Dairy Cattle Ready4Life Challenge (SF 50137)
(Open to 11- to 18-year-olds enrolled in any Dairy Cattle project)

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.
3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

DOG

- a. **OBEDIENCE:** 4-H'ers aged 8-18 years who have obtained a qualifying score of 170 or above with their dog at a County 4-H Show, County 4-H Obedience Class Graduation Trial, or an AKC Obedience Trial.
- b. **RALLY OBEDIENCE:** 4-H'ers aged 8-18 years who have obtained a qualifying score of 70 or above with their dog at a County 4-H Show, County 4-H Obedience Class Graduation Trial, or an AKC Rally Trial. <https://www.akc.org/sports/rally/rally-resource-center/> If you are interested in exhibiting in Rally classes, contact your local extension office for more details.

2. Exhibitors must have been at least 8 years old, and not yet 19 as of September 1, 2019.
3. Special problems not covered by these rules will be acted upon by the superintendents and members of the State 4-H Dog Advisory Committee in accordance with the Illinois 4-H Policies, including the Youth Code of Conduct, and Member Behavior Guidelines.
4. All exhibitors must have completed the Quality Assurance and Ethics Certification and are expected to be familiar with and abide by both the principles of that certification and the Illinois Humane Care for Animals Act.
5. A dog being shown in the dog obedience or Rally project must be trained by and belong to the exhibitor or to a member of his/her immediate family. Or the dog can be leased for the length of the project and a signed agreement should be on file with local 4-H extension office by June 1, 2020.
6. All participants must use appropriate show equipment. Acceptable leashes are a maximum of 6 feet (can be shorter in advanced classes) of leather, nylon or canvas. No prong or electronic collars will be allowed on the grounds. No identification tags on collars used in the show ring. Harnesses or other training aids such as a gentle leader are not acceptable show equipment.
7. Female dogs in season or lactating cannot participate in the State 4-H Dog Show.
8. Judges' decisions are final.
9. DATE FOR 2020: The State 4-H Dog Show is tentatively scheduled for August 29, 2020 in Dixon, Illinois.

OBEDIENCE

1. To be eligible a dog and handler team must have a qualifying score. **Please view individual classes for new qualifying score needed this year.**
2. A dog (who has received a qualifying score at the previous year's state fair/state show or meets Rule #3) cannot be shown in the same class as the previous year except in Graduate Novice, Pre Open, Open, Graduate Open and Utility. Exhibitors may show for two years in Graduate Novice and Pre Open providing the dog does not have a Companion Dog Excellent (CDX) or qualified for a leg on a CDX. Open, Graduate Open and Utility exhibitors can show for three (3) years in these classes. See Rule #3 for exceptions.
3. Dogs do not have to be AKC registered to show in the 4-H obedience show. AKC rules will be used as a guideline for judging. If a dog has 3 qualifying scores for a title prior to 6 months of the State 4-H Dog Show, it must be shown in the next highest class. Open and Utility dog exhibitors should examine Rule #2 for exceptions.
4. We will be sending specific obedience signs to counties so they can email them to exhibitors to print off and use when videotaping their entries.

Class 73 - Dog Care

Dog will be judged on cleanliness, grooming, condition and behavior.

Photo Requirements: Whole body of animal (side view), Close up of face (to view eyes and nose), Close up of teeth/gums, Close up of ears (inside) & Project report/narrative

Class 79 – Dog Costume

This class is judged based on fun, creativity and pet / owner bond. Possible award categories: most creative, funniest, cutest, best movie/character theme or best matching costume.

Photo Requirements: 1 photo that best presents your costume

Class 76 – Beginner Novice I Class (50401)

(For inexperienced handlers and inexperienced dogs)

1. Heel on Leash (forward, halt, right turn, left turn, about turn, slow, normal and fast). The last order signifies that the handler and dog must break pace. These orders will be given by utilizing posted signs Maximum points 40
 2. Sit for Exam (on leash) Maximum points 40
 3. Recall (off leash front/no finish) Maximum points 40
- Qualifying score needed for state advancement100**

Class 77 Beginner Novice II Class (50402)

(For experienced handlers and inexperienced dogs, or experienced dogs and inexperienced handlers.)

1. Heel on Leash (forward, halt, right turn, left turn, about turn, slow, normal and fast). The last order signifies that the handler and dog must break pace. These orders will be given by utilizing posted signs Maximum points 40
 2. Sit for Exam (on leash) Maximum points 40
 3. Recall (off leash front/no finish) Maximum points 40
- Qualifying score needed for state advancement.....100**

Class 78 - Preferred Novice Class (50403)

1. Figure 8 (on leash) and Heel on Leash Maximum points 40
 2. Stand for Examination (off leash) Maximum points 30
 3. Recall (off leash with finish) Maximum points 30
 4. Down, Stay-Get Your Leash (off leash) Maximum points 30
- Qualifying score needed for state advancement.....110**

More advanced obedience classes available upon request

4-H Project Report.

Videos Requirements: 3-4 videos, each showing a different obedience activity. Videos should not be more than 45 sec.

If you would like to qualify for the State 4-H dog show, contact the local coordinator for more information.

Additional videos may be needed to qualify.

Dog Animal Science (SF 50135)

Prepare a display focusing on any activity related to the dog project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Animal Science Dog Ready4Life Challenge: (SF 50137)

Open to 11- to 18-year-olds enrolled in any Dog project.

Exhibits in this category must include the following: a) a physical representation of the career or business

product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

ELECTRICITY

Each county may submit 3 entries total from 50177, 50178, 50179; and 1 entry from 50181.

Electricity 1 (SF 50177)

(May only be battery-powered projects using battery components and wiring). Exhibit a momentary switch, simple switch, basic circuit, electromagnet, galvanometer, **OR** an electric motor. All projects must include a report explaining how the project was constructed and the principles demonstrated. Recommendations can be found on the website. Projects using paper clips, cardboard, thumbtacks, & brads are not eligible for state fair exhibits in electricity. Members wishing to exhibit these types of projects should consider exhibiting in Junkdrawer Robotics 1 or 2.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Report on steps taken to build exhibit.

Electricity 2 (SF 50178)

(May only be battery-powered projects using battery components and wiring) Exhibit a circuit board demonstrating parallel and series switches, including a circuit diagram; 3-way or 4-way switch circuit using DC/battery; **OR** a basic electrical device (examples: rocket launcher, burglar alarm, etc). All projects must include a report explaining how the project was constructed and the principles demonstrated. Recommendations can be found on the website. Projects using paper clips, cardboard, thumbtacks, & brads are not eligible for state fair exhibits in electricity. Members wishing to exhibit these types of projects should consider exhibiting in Junkdrawer Robotics 1 or 2.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Report on steps taken to build exhibit.

Electricity 3 (SF 50179)

Exhibit a 120V lighting fixture or other appliance which uses a switch; **OR** two electrical household circuits using 120V materials to comply with National Electrical Code, one with a simple on/off switch to control bulb, and one using 3-way switches to control light from two locations; **OR** other project which demonstrates principles in the Wired for Power book. All electricity projects must include a report, explaining how the project was constructed, and principles for its operation. Recommendations can be found on the website.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Report on steps taken to build exhibit.

Electricity 4 (not eligible for state fair)

Exhibit any electronic or solid state appliance. Exhibitor must be able to explain how the project was constructed, how it is to be used and how it works. When project is being constructed, general safety and workmanship should be considered.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Electricity Ready4Life Challenge: (SF 50181)

Open to 11- to 18-year-olds enrolled in any Electricity project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

ENTOMOLOGY GENERAL

Each county may submit 2 entries total from 50183, 50184, 50185, 50186; 1 entry from Class 50187.

Size and number of exhibit cases should relate appropriately to the number of insects being displayed for a specified class. Cases should be no deeper than 4". Exhibitors should note that Entomology exhibits may be placed UPRIGHT for display.

Entomology 1 (SF 50183)

Exhibit 15 or more species representing four or more orders. Collection must be accurately labeled. Exhibitors must also include the Entomology 1 project manual, *Teaming With Insects 1*, with at least one completed activity for each year enrolled. The project manual must be included. Rules for pinning and labeling insects are available from your local Extension office.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: Close up of 5 specimens in each photo with labels clearly visible. No glass covering.

Entomology 2 (SF 50184)

Exhibit 30 or more species representing eight or more orders. Collection must be accurately labeled.

Exhibitors must also include the Entomology 2 project manual, *Teaming With Insects 2*, with at least one completed activity for each year enrolled. The project manual must be included. Rules for pinning and labeling insects are available from your local Extension office.

4-H Project Report.

6 photos or slideshow (max 10 slides). Images to include: Close up of 5 specimens in each photo with labels clearly visible. No glass covering.

Entomology 3 (SF 50185)

Exhibit 60 or more species representing twelve or more orders. Collection must be accurately labeled. Exhibitors must also include the Entomology 3 project manual, *Teaming With Insects 3*, with at least one completed activity for each year enrolled. The project manual must be included. Rules for pinning and labeling insects are available from your local Extension office.

4-H Project Report.

12 photos or slideshow (max 20 slides). Images to include: Close up of 5 specimens in each photo with labels clearly visible. No glass covering.

Entomology Display (SF 50186)

Open to youth enrolled in Entomology 1, Entomology 2 or Entomology 3

Exhibit any activity or display related to Entomology that does not fit into Entomology Classes 1, 2 or 3 above. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Entomology Ready4Life Challenge (SF 50187)

Open to 11- to 18-year-olds enrolled in any Entomology project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

ENTOMOLOGY BEEKEEPING

Each county may send 2 entries total from classes 50188, 50189, 50190; and 1 entry from 50191.

Create an exhibit that shows the public what you learned in the beekeeping project this year. Note: No bee hives may be exhibited. (Honey moisture content will be measured.) Fill level: the honey should be filled to the jar shoulder, not over, nor under. Chunk honey should go in a wide-mouth jar, preferably one specially made for chunk honey (see beekeeping catalogs). Be careful to distinguish “chunk honey” (comb in jar) from “cut comb” (comb only in plastic box). Honey exhibited (including chunk, cut comb, and sections) must be collected since the previous year fair.

Beekeeping 1 (SF 50188)

Exhibit an educational display for one (1) of the following:

- Flowers Used to Make Honey. Display pressed flowers from ten (10) different Illinois plants that bees use for making honey.
- Uses of Honey and Beeswax.
- Setting Up a Bee Hive.
- Safe Handling of Bees.
- Equipment needed by a Beekeeper.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Beekeeping 2 (SF 50189)

Exhibit one (1) of the following:

- Extracted Honey: Three (3) 1# jars, shown in glass, screw-top jars holding 1 # of honey each.
- Chunk honey (comb in jar): Three (3) 1# jars (wide-mouth glass jars).
- Cut-comb honey: Three (3) 1# boxes (boxes are usually 4 ½" x 4 ½").
- Section honey: three (3) sections of comb honey (in basswood boxes or Ross rounds).
- Working with Honey Bees. Present a topic from your manual to teach fairgoers about working with honey bees. Use your knowledge and creativity to display this information on a poster or in a notebook.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Beekeeping 3 (SF 50190)

Exhibit three (3) of the five (5) kinds of honey listed below (#1-5) or prepare an educational display about honey bees or beekeeping.

1. Extracted Honey: Three (3) 1# jars (glass)
2. Chunk Honey (comb in a jar): Three (3) 1# jars (wide-mouth glass)
3. Cut-comb Honey: Three (3) 1# boxes (boxes are usually 4 ½" x 4 ½" in size)
4. Comb Honey- 3 sections (honey built by bees in frames of wood commonly called “sections” (boxes are usually 4 ½" x 4 ½" in size)
5. Section honey: three (3) sections of comb honey (in basswood boxes or Ross rounds) or
6. Prepare an educational display about honey bees or beekeeping.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Entomology Beekeeping Ready4Life Challenge (SF 50191)

Open to 11- to 18-year-olds enrolled in any Entomology project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

EXPLORATORY

EXPLORATORY (*Welcome to 4-H*) (not eligible for state fair)

Youth ages 8 – 10 may exhibit a display on one of the following topics from the project book.

- windowsill gardening;
- 4-H animals;
- 4-H family; **OR**
- coat of arms

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

COLLECTIBLES (not eligible for state fair)

Bring your completed project book and your collection or examples of your collection (if it's too large to bring) with pictures of total collection, OR an exhibit or poster illustrating one feature of the project.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

LEGO BUILDING (not eligible for state fair)

Exhibit one item made from Legos. Exhibit can be made from a Lego building kit or of original design. Programmable Lego sets are not allowed in this class.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

FAMILY HERITAGE

Each county may submit 1 entry from 50197; and 1 entry from 50199.

Family Heritage (SF 50197)

Prepare an exhibit of items, pictures, maps, charts, slides/tapes, drawings, illustrations, writings or displays that depict the heritage of the member's family or community or 4-H history. Please note: Exhibits are entered at 4-H'ers own risk. 4-H is not responsible for loss or damage to family heirloom items or any items in this division. Displays should not be larger than 22" x 28" wide. If the size needs to be a different size because the historical item is larger than 22"x28" please contact the superintendents for approval.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Family Heritage Ready4Life Challenge (SF 50199)

Open to 11- to 18-year-olds enrolled in any Entomology project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

FOODS & NUTRITION

Each county may submit 7 entries total from any of these food classes: 50200, 50201, 50202, 50203, 50204, 50206, 50208, 50211; and 1 entry from 50210.

4-H Cooking 101 (SF 50200)

Using the recipes included in the project manual, prepare an exhibit of 3 cereal marshmallow bars; **OR** ¼ of 8" square or round coffeecake; **OR** 3 cookies. No icing should be on any products. If you make changes to the recipe, bring a copy of the recipe with your changes. Bars, coffeecake, or cookies should be displayed on a disposable plate placed in a zip-sealing plastic bag. *In addition to your food exhibit*, complete the *What's on Your Plate? Activity* on pages 10-11 in the 4-H Cooking 101 project manual. Bring a document with printed pictures of your 3 or more plates and the answers to questions 1-7 to remain on display with your project. The words on the plates must be legible and clearly visible in the picture. Pictures, graphics or photos are acceptable.

4-H Project Report.

4 photos or slideshow (Max 10 slides). Images to include: image of food as prepared for exhibit, image of item close up cut in half, image of recipe used and image of bottom of prepared food item.

4-H Cooking 201 (SF 50201)

Using the recipes included in the project manual, prepare an exhibit of 3 cheese muffins; **OR** 3 scones; **OR** ½ loaf (9" x 5") of basic nut bread. If you make changes to the recipe, bring a copy of the recipe with your changes. Bread, muffins, or scones should be displayed on a disposable plate placed in a zip-sealing plastic bag. *In addition to your food exhibit*, complete *Experiment with Meal Planning Activity* on page 91 in the 4-H Cooking 201 project manual. Bring either page 91 with your completed answers or a document with the

answers to remain on display with your project along with a picture of the meal you prepared. You do **not** need to complete the Challenge Yourself section on page 91.

4-H Project Report.

4 photos or slideshow (Max 10 slides). Images to include: image of food as prepared for exhibit, image of item close up cut in half, image of recipe used and image of bottom of prepared food item.

4-H Cooking 301 (SF 50202)

Using the recipes included in the project manual, prepare an exhibit of 3 dinner rolls; **OR** loaf of yeast bread; **OR** 1 tea ring; **OR** 3 sweet rolls; **OR** one layer of a Rich White Cake or Rich Chocolate Cake, top side up (*without frosting*). If icing is used on the tea ring or sweet rolls, the recipe for the icing must also come from the book. The yeast bread/roll dough may be prepared in a bread making machine; however prepared mixes are not permitted. If you make changes to the recipe, bring a copy of the recipe with your changes. Display exhibit on a disposable plate or pie tin and place in a zip-sealing plastic bag. *In addition to your food exhibit*, complete one of the six experiments: *Experiment with Flour* p. 33-34, *Experiment with Kneading* p. 35-36, *Experiment with Yeast* p. 37-38 or 39, *Experiment with Butter* p. 62-63 or *Experiment with Cheese* p. 104-105. Bring a document with a printed picture of your experiment and the answers to the experiment questions to remain on display with your project.

4-H Project Report.

4 photos or slideshow (Max 10 slides). Images to include: image of food as prepared for exhibit, image of item close up cut in half, image of recipe used and image of bottom of prepared food item.

4-H Cooking 401 (SF 50203)

Using the recipes included in the project manual, prepare an exhibit of $\frac{1}{4}$ of a 15" x 10" loaf of focaccia bread (do not include dipping oil); **OR** one baked pie shell – traditional, oil, or whole wheat (no graham cracker); **OR** $\frac{1}{4}$ Golden Sponge Cake, top side up, without frosting; **OR** $\frac{1}{2}$ loaf French Bread. If you make changes to the recipe, bring a copy of the recipe with your changes. Display exhibit on a disposable plate and place in a zip-sealing plastic bag. *In addition to your food exhibit*, pick one of the recipes from Cooking 401 that is not a choice for exhibit. Make the recipe and take a picture of the results. Bring a document with a printed picture of the food you made from the recipe and the answers to the following two questions: 1.) If you made this recipe again, what would you do differently? 2.) What did you learn that can help you in other ways besides preparing food?

4-H Project Report.

4 photos or slideshow (Max 10 slides). Images to include: image of food as prepared for exhibit, image of item close up cut in half, image of recipe used and image of bottom of prepared food item.

Food Science 1 (SF 50204)

Prepare a display, digital presentation, or poster on one of the food science experiments from the manual that you completed. Share 1) the food science question you investigated; 2) process used to conduct the experiment; 3) results and observations; 4) what you learned; and 5) how you have applied this information. You must furnish any equipment you need for the exhibit. Internet service is not provided. All exhibits must include something visual, such as a printed copy of a digital presentation. Electronic equipment will only be used during your judging time and will not remain on display during the exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Food Science 2 (SF 50204)

Prepare a display, digital presentation, or poster on one of the food science experiments from the manual that you completed. Share 1) the food science question you investigated; 2) process used to conduct the experiment; 3) results and observations; 4) what you learned; and 5) how you have applied this information. You must furnish any equipment you need for the exhibit. Internet service is not provided. All exhibits must include something visual, such as a printed copy of a digital presentation. Electronic equipment will only be used during your judging time and will not remain on display during the exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Food Science 3 (SF 50204)

Prepare a display, digital presentation, or poster on one of the food science experiments from the manual that you completed. Share 1) the food science question you investigated; 2) process used to conduct the experiment; 3) results and observations; 4) what you learned; and 5) how you have applied this information. You must furnish any equipment you need for the exhibit. Internet service is not provided. All exhibits must include something visual, such as a printed copy of a digital presentation. Electronic equipment will only be used during your judging time and will not remain on display during the exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Food Science 4 (SF 50204)

Prepare a display, digital presentation, or poster on one of the food science experiments from the manual that you completed. Share 1) the food science question you investigated; 2) process used to conduct the experiment; 3) results and observations; 4) what you learned; and 5) how you have applied this information. You must furnish any equipment you need for the exhibit. Internet service is not provided. All exhibits must include something visual, such as a printed copy of a digital presentation. Electronic equipment will only be used during your judging time and will not remain on display during the exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Sports Nutrition (SF 50206)

Prepare a display, digital presentation, or poster on one of the activity chapters in the manual that you completed. The activity chapters are listed by page number in the table of contents. Your exhibit should include, at minimum, information on one physical fitness component and one food/recipe component from the activity chapter. The exhibit should include the project manual with the pages of the activity completed. You may also include live demonstration of physical activities. Do not bring food made using the recipes, but consider adding pictures of the completed recipes to your exhibit. You must furnish any equipment you need for the exhibit. Internet service is not provided. All exhibits must include something visual, such as a printed copy of a digital presentation. Electronic equipment will only be used during your judging time and will not remain on display during the exhibit period.

Examples for Activity 1

Example A: Make a video of yourself practicing flexibility, strength and endurance physical fitness activities and making pasta salad with different vegetable, pasta and dressing ideas. Bring a screen shot and brief description of your video to leave on display.

Example B: Make a poster of pictures of flexibility, strength and endurance physical fitness activities and information on the results of making the spinach and mandarin orange salad. Include answers to the questions in the book.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Food Preservation (SF 50208)

Prepare an exhibit using ONE of the following food preservation methods: canning; freezing; drying; pickles/relishes; jams, jellies and preserves **OR** a combination of these (see Preservation Combination option below), excluding Freezing. **No freezer jam exhibits will be allowed for Freezing; Jams, Jellies, and Preserves; or for the Preservation Combination options.**

- **Canning** – The exhibit should include two different canned foods in appropriate jars for the products. Food may be fruit, vegetable, or tomato product (i.e. salsa, juice, etc.).
- **Freezing** – Prepare a nutrition display that illustrates a freezing principle. There is NOT a food exhibit option for this preservation method.
- **Drying** – Exhibit two (2) different dried foods packed in plastic food storage bags. Choose from fruit, vegetable, fruit leather or meat jerky.
- **Pickles and Relishes** – Exhibit two pint jars of different recipes of pickles and/or relishes.
- **Jams, Jellies, and Preserves** – Exhibit half-pint jars of two different jams, jellies, and/or preserves.
- **Preservation Combination** – Exhibit two different preserved food products, excluding Freezing, in appropriate jars/packaging (drying). For example, exhibit 1 jar of tomatoes (Canning) and 1 half-pint of jelly (Jams, Jellies, and Preserves).

All preserved products should be prepared and processed according to the current USDA/Extension information. USDA information on preserving food, including recipes, can be found at: www.homefoodpreservation.com or web.extension.illinois.edu/foodpreservation/ Recipes must be processed in a water-bath or pressure canner.

All food exhibits must be labeled with: 1) The name of the food; 2) The date preserved; 3) Appropriate method(s) of food preservation (For canned projects: boiling water bath or pressure canner; For drying projects: Specify equipment used (food dehydrator, oven, etc.))

Examples:

- Strawberry jam, boiling water bath. July 13, 2014.
- Green beans, pressure canner. July 13, 2014.
- Beef jerky, food dehydrator and oven. July 13, 2014.

All food exhibits must be accompanied with the recipe(s) – typed or written, with the source of the recipe(s) listed.. **Required Recipes and Sources for Food Preservation Exhibits** – all food preservation recipes be from an approved source. Those sources are:

- *PUT IT UP! Food Preservation for Youth* manuals
- U.S. Department of Agriculture (USDA)
- National Center for Home Food Preservation
- Ball/Kerr Canning (recipes after 1985)
- Mrs. Wages

DO NOT BRING RECIPES FROM: Magazine or newspaper clippings, Pinterest (unless it is from a source listed above), Grandma’s or a recipe from a family member or friend without a source, Cookbooks (excluding the Ball, Kerr and Put It Up! book).

Canning Equipment Requirements: All canned products must be canned in clear, standard jars in good condition (no chips or cracks). Jars must be sealed using two-piece canning lids (flat lid and band). Must use a new, unused flat lid. Bands must not be rusty or severely worn.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: Image of recipe, image of whole preserved product/exhibit with labeling as outlined in the show guidelines, image of closeup detail of preserved product/exhibit.

Foods Innovation Class (SF 50211)

Open to youth enrolled in any Foods project.

Demonstrate the skills and knowledge you have gained through the project. The exhibit may include, but isn’t limited to, original recipes, results of experiments not in the foods project books, variations on recipes or experimenting with unique cooking or baking methods. Your work can be displayed by a food product, demonstrations, digital presentations, performances, or posters which you have made. Choose whatever method best shows what you’ve learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. If you bring a food product, the food will NOT be tasted.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Foods Nutrition Ready4Life Challenge (SF 50210)

Open to 11- to 18-year-olds enrolled in any Foods project

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

FORESTRY

Each county may submit 1 entry total from 50212, 50213, 50214; and 1 entry from 50216.

Forests of Fun 1 (SF 50212)

Exhibit any product or display illustrating an activity from the book. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Forests of Fun 2 (SF 50213)

Exhibit any product or display illustrating an activity from the book. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Forests of Fun 3 (SF 50214)

Exhibit any product or display illustrating an activity from the book. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Forestry Ready4Life Challenge (SF 50216)

Open to 11- to 18-year-olds enrolled in any Forestry project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

GEOLOGY

Each county may submit 3 entries total from 50218, 50219, 50220, 50221, 50222; and 1 entry from 50224. **Size and number of exhibit cases should relate appropriately to the number of specimens being displayed for a specified class.** Specimens are not limited to Illinois locations. All levels of Geology use the same manual, Geology-Introduction to the Study of the Earth.

Pebble Pups 1 (SF 50218)

Display 8 to 19 rocks and mineral specimens with three minerals in the collections. Collection may include duplications that show variations. Label collection and note where found.

4-H Project Report

2 photos or slideshow (max 10 slides). Images to include: Close up of 4 specimens in each photo with labels clearly visible. No glass covering.

Pebble Pups 2 (SF 50219)

Display at least 20, but no more than 29, rocks and mineral specimens with seven minerals in the collections. Collection may include duplications that show variations. Label collection and note where found.

4-H Project Report

5 photos: Close up of 4 specimens in each photo with labels clearly visible. No glass covering. Optional: Up to two photos of additional specimens.

Rock Hounds 1 (SF 50220)

Display at least 30, but no more than 40, rocks and mineral specimens with ten minerals in the collection. Rocks should include at least three igneous, two metamorphic, and three sedimentary groups. Label collection and note where found.

4-H Project Report

6 photos: Close up of 5 specimens in each photo with labels clearly visible. No glass covering. Optional: Up to two photos of additional specimens.

Rock Hounds 2 (SF 50221)

Display no more than 50 specimens that have been selected to illustrate a specific theme of the exhibitor's choosing. Be creative. Sample categories could include (but are not limited to): industrial minerals and their

uses; a specific rock group and the variety that occurs in that group, including some minerals that occur in that environment; select fossils traced through the geologic ages; minerals and their crystal habits; rocks and minerals used in the lapidary arts.

4-H Project Report

10 photos: Close up of 5 specimens in each photo with labels clearly visible. No glass covering.

Geology Innovation Class (SF 50222)

Open to youth enrolled in Geology.

Demonstrate the skills and knowledge you have gained through the Geology project. Exhibit may be the result of knowledge gained from project manuals; independent study about Illinois rock(s) and mineral(s), interaction with geology professionals; and/or individual exploration in the area of geology. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Geology Ready4Life Challenge (50224)

Open to 11- to 18-year-olds enrolled in the Geology project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

GOATS

RULES:

1. Each exhibitor will be limited to 2 entries per class.
5. Pygmy and Dairy goats may be divided at the discretion of the judge.
7. State Fair health requirements will be followed.
8. Goats shown in classes 60-63 cannot be shown in meat goat classes.
9. Wethers shown in class 109 will be broken up into separate classes at the judge's discretion.
10. A senior doe is any doe that has kidded. A wether is a male goat that has been castrated.
11. Horns are allowed.
12. All goats should be on a lead.

Photo/Video Requirements: 45 second video & Project Report OR 4 photos (Photos of Front, Back and both sides) & project Report. For each class/entry

Dairy Goats

Class 150 – Dairy Kid 5-12 months Class

Class 151 – Dairy Yearling-

Class 152 - Milking Doe

Class 153 – Meat Doe Kid under 5 months

Meat Goats

Class 154 – Meat Doe Kid 5-12 months

Class 155 –Meat Doe-over 4 years

Class 156– Meat Doe-12-23 months

Class 158- Meat Doe-2 year

Class160 – Meat Doe-3 year

Class 159- Jr. Buck under 8 months

Class 146 –Wethers

Goat Animal Science (SF 50135)

Prepare a display focusing on any activity related to the goat project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Animal Science Goats Ready4Life Challenge (SF 50137)

Open to 11- to 18-year-olds enrolled in any Goat project

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

HEALTH

Each county may submit 3 entries total from 50226, 50227, 50228, 50229; and 1 entry from 50231.

Health 1 (SF 50226)

Select four First Aid Skills and complete the activities for that section. Bring the project book and be prepared to discuss the completed sections. Exhibit a family first aid kit and be prepared to explain what each item is used for.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Health 2 (SF 50227)

Select four [Staying Healthy](#) skills and complete the activities for that section. Bring the project book and be prepared to discuss the completed sections. Exhibit a “smarts” project as explained in the project manual.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Health 3 (SF 50228)

Select four Keeping Fit Skills and complete the activities for that section. Bring the project book and be prepared to discuss the completed sections. Exhibit a poster or display on one of the Keeping Fit Skills.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Health Innovation Class (SF 50229)

Open to youth enrolled in Health 1, 2 or 3.

Demonstrate the skills and knowledge you have gained through the Health project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Health Ready4Life Challenge (SF 50231)

Open to 11- to 18-year-olds enrolled in any Health project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b)

verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

HORSE

Information on the Virtual Horse show will be sent by mail in May.

Horse Animal Science (SF 50135)

Prepare a display focusing on any activity related to the horse project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Animal Science Horse Ready4Life Challenge (SF 50137)

Open to 11- to 18-year-olds enrolled in any Horse project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

HORTICULTURE: FLORICULTURE

Each county may submit 3 entries total from 50192, 50193, 50194, 50195, 50196; and 1 entry from 50198.

Floriculture A (SF 50192)

Exhibit one of the following options:

- Create a flower arrangement; either a round arrangement or a bud vase. No silk flowers are permitted; **OR**
- Create a photo collage or a collection of pictures of flowers that you have raised. Label your flowers by name and tell if you started with a seed, cutting or transplants. Mount pictures on a poster board; **OR**
- Exhibit in one container, 3 stems of blooms - each with attached foliage. Foliage that would go inside the container may be removed. All three blooms or stems should be the same variety, color, shape and size and must have been grown from seed, young seedling plants, bulbs or rhizomes by the exhibitor. (NOTE: Exhibitors choosing lilies should include no more than 2/3 of foliage for their exhibit.)

4-H Project Report

3 photos: image of full arrangement, collage or container exhibit, image of leaf close up, image of stem bottom or collage closeup.

Floriculture B (SF 50193)

Exhibit one of the following options:

- Create an artistic display of dried flowers explaining how each was dried; **OR**
- Create a photo collage or collection of pictures of plants from your theme garden. Label your plants by name and explain how the plants were chosen to fit the theme.

4-H Project Report

3 photos: image of full exhibit or collage, image of close up, image of stem bottom or collage closeup. .

Floriculture C (SF 50194)

Exhibit one of the following options:

- Create a terrarium. Selected plants should be started by the exhibitor from cuttings or seeds or as purchased plugs. The terrarium must be cared for by the exhibitor for at least 5 months. Exhibitor should be able to explain the different plant, soil, and environmental needs and watering requirements of a closed system; **OR**
- Exhibit a plant that you propagated from cuttings, layering or division or started from seed. Create a photo board showing the progression of growth. Tips for vegetative propagation of houseplants can be found at University of Illinois Extension houseplants, <http://urbanext.illinois.edu/houseplants/default.cfm>.

4-H Project Report

3 photos: image of full exhibit, image of exhibit close up, image of exhibit closeup. .

Floriculture D (SF 50195)

Exhibit one of the following options:

- Create a centerpiece around a theme such as a wedding, holiday, birthday, etc. No silk flowers are permitted; **OR**
- Create an exhibit of forced bulbs in a pot.

4-H Project Report

3 photos: image of full exhibit, image of leaf close up, image of stem bottom or closeup of forced bulb pot display. .

Floriculture Display (SF 50196)

(Open to youth enrolled in Floriculture A, Floriculture B, Floriculture C, and Floriculture D)

Present an exhibit of the member's choice that focuses on some aspect of floriculture which does not fit in the categories above. The exhibit may include, but isn't limited to, dish gardens, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Floriculture Ready4Life Challenge (SF 50198)

Open to 11- to 18-year-olds enrolled in any Floriculture project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

HORTICULTURE: VEGETABLE GARDENING

Each county may submit 3 entries total for 50314, 50315, 50316; and 1 entry for 50318.

All vegetables exhibited must have been grown by the exhibitor as part of their current gardening 4-H project. Exhibitors should be knowledgeable about various aspects of the vegetables, including but not limited to different varieties, soil testing, fertilizers used, etc. Vegetable exhibits should be prepared according to the Illinois Vegetable Garden Guide website: <http://web.extension.illinois.edu/vegguide/>. Waxes and oils may not be used on vegetables or fruits. Any plant infested with insects will be removed from the exhibit area and will not be eligible for a Superior exhibit.

Vegetable Display (SF 50314)

(Open to youth in Vegetable Gardening A, Vegetable Gardening B, Vegetable Gardening C, and Vegetable Gardening D)

1. This class is allowed a 2'6" x 2'6" space for display.
2. Display must include 6 or more different kinds of vegetables. There may not be more than 2 different varieties of any vegetable. For example, red and white potatoes would be classified as two different varieties. Acorn squash and zucchini would be classified as two different vegetables.
3. The number and type of vegetables used must conform to the Vegetable Plate/Basket List.
4. Exhibitors must provide the name and variety of all vegetables used (i.e. Cabbage – Golden Acre; Cucumber, slicing – Straight Eight; Tomatoes, slicing – Rocky Top; Snap Beans – Contender, etc.).

4-H Project Report

7 photos: image of whole display, close up of each of the 6 required varieties with clear labeling. .

Vegetable Plate (SF 50315)

(Open to youth in Vegetable Gardening A, Vegetable Gardening B, Vegetable Gardening C, and Vegetable Gardening D)

1. Exhibit must include 2 single vegetable plates. (Exhibitor will furnish the disposable plates.)
2. Number of vegetables on plates must conform to plate list below.
3. Only one variety on each plate.
4. An exhibitor cannot show two plates of the same type vegetable. (i.e.: Cannot exhibit red *and* white potatoes or zucchini *and* straightneck summer squash.)

4-H Project Report

4 photos: image of first variety plate with label, closeup of first variety, image of second variety plate with label, closeup of second variety.

VEGETABLE PLATE/DISPLAY LIST

When selecting vegetables for exhibition, keep in mind that the judge will evaluate them on the basis of cleanliness, uniformity, condition, quality, and trueness to variety. *(Lists are provided by UI Extension Horticulturists; Items are listed according to the correct definition of vegetables)*

Asparagus (5 spears)	Parsnips (5)
Beans, Lima (12 pods)	Peas, (12 pods)
Beets (5)	Peppers, large fruited (bell/banana) (5)
Broccoli (1 head)	Peppers, small fruited (chili/cherry) (12)
Brussels sprouts (12 sprouts)	Popcorn (5)
Cabbage (1 head)	Potatoes (any variety) (5)
Cauliflower (1 head)	Pumpkin (1)
Carrots (5)	Rhubarb, trimmed stalks (3)
Cucumber, pickling or slicing (5)	Rutabaga (5)
Eggplant (1)	Salsify (5)
Garlic (5)	Squash, summer (any variety) (3)
Kohlrabi (5)	Sweet Corn, in husks (5)
Lettuce (1 head or plant)	Tomatoes, slicing (5)
Muskmelon incl. cantaloupe (1)	Tomatoes, small fruited (12)
Okra (12)	Turnip (5)
Onions, large, dry (5)	Watermelon (1)
Onions, green or set (12)	

Squash, winter (Acorn, butternut, buttercup, spaghetti, Hubbard, Turks's Turban) (1)

Beans, Snap, Green Pod or Golden Wax (12 pods)

Greens (collard, endive, escarole, kale, mustard, spinach, Swiss chard) (1 plant)

Horseradish Root (1 marketable root specimen harvested this year)

Vegetable Gardening Display (SF 50316)

(Open to youth in Vegetable Gardening A, Vegetable Gardening B, Vegetable Gardening C, Vegetable Gardening D)

Present an exhibit of the member's choice that focuses on some aspect of vegetable gardening which does not fit in the categories above. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your

personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Vegetable Gardening Ready4Life Challenge (SF 50318)

Open to 11- to 18-year-olds enrolled in any Vegetable Gardening project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

INTERCULTURAL

Each county may submit 1 individual entry from 50233; 1 individual entry from 50234; 1 individual entry from 50236; 1 club entry from 50235. **Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.**

Passport to the World, Individual (SF 50233)

Prepare a display illustrating what you have learned about a country's or U.S. region's geography, economy, agriculture, people, language, housing, culture, music, crafts, clothing, holidays or other aspect. Exhibit should be educational in nature and should not promote one's beliefs over another person's beliefs. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Include the project manual with completed sections that pertain to the exhibit information. Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Diversity & Cultural Awareness (SF 50234)

Create a display or binder portfolio that illustrates the results of a minimum of three (3) completed activities from the project book. Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Intercultural Ready4Life Challenge (SF 50236)

Open to 11- to 18-year-olds enrolled in any Intercultural project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of the whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Intercultural, Club, Includes *Passport to the World, Diversity & Cultural Awareness, and Latino Cultural Arts Projects* (SF 50235)

Exhibit a display illustrating the steps that the club has completed on the project selected for the year. Include a written outline or report of accomplishments and future goals. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what the club members have learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. The display must be accompanied by 3 or more club exhibitors at the time of the judge's critique. Club members should make a 5- to 10-minute presentation to the judge. All club members present for the judge's critique should be able to discuss the project and answer questions. Only club members present for judging who participate in the actual critique and presentation are eligible for ribbons and premiums. Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.

4-H Project Report (uploaded by each club member)

Collaborative slide show of exhibit components (Max. 20 slides), attributing contributions to each individual member.

INTERIOR DESIGN

Each county may submit 2 entries total from 50242, 50243, 50244, 50245; and 1 entry from 50247.

Design Decisions, Beginning (SF 50242)

Any exhibit must have been created or redesigned by the exhibitor as part of their current Interior Design 4-H project. Exhibitors should be knowledgeable about various aspects of the project. Exhibits could include items such as, but not limited to, comparison studies of different products or techniques; made accessories, wall-hangings, window coverings, or furniture items; refinished or redesigned furniture; or a plan to solve some type of interior design problem. Exhibit should be appropriate to the exhibitor's age, skills and ability in this project.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Design Decisions, Intermediate (SF 50243)

Any exhibit must have been created or redesigned by the exhibitor as part of their current Interior Design 4-H project. Exhibitors should be knowledgeable about various aspects of the project. Exhibits could include items such as, but not limited to, comparison studies of different products or techniques; made accessories, wall-hangings, window coverings, or furniture items; refinished or redesigned furniture; or a plan to solve some type of interior design problem. Exhibit should be appropriate to the exhibitor's age, skills and ability in this project.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Design Decisions, Advanced (SF 50244)

Any exhibit must have been created or redesigned by the exhibitor as part of their current Interior Design 4-H project. Exhibitors should be knowledgeable about various aspects of the project. Exhibits could include items such as, but not limited to, comparison studies of different products or techniques; made accessories, wall-hangings, window coverings, or furniture items; refinished or redesigned furniture; or a plan to solve some type of interior design problem. Exhibit should be appropriate to the exhibitor's age, skills and ability in this project.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Interior Design Innovation Class (SF 50245)

Open to enrolled in Interior Design.

Demonstrate the skills and knowledge you have gained through the Interior Design project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Interior Design Ready4Life Challenge (SF 50247)

Open to 11- to 18-year-olds enrolled in the Interior Design project.

Exhibits in this category must include the following: a) a physical representation of the career or business product

such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

LEADERSHIP

Each county may submit 3 entries total from 50249, 50250, 50251, 50252; 2 entries from 50254; 1 entry from 50255.

Leadership 1 (SF 50249)

Create a binder portfolio with a minimum of four (4) completed activities each year from the areas noted below. Build upon your previous year's work. Photocopies or original pages of the completed activities from the book should be included in the portfolio.

- **First Year** – One activity from each of the following sections: Understanding Self; Communication; and Getting Along with Others, plus one of exhibitor's choice from the manual.
- **Second Year** – One activity from each of the following sections: Getting Along with Others; Learning to Learn; and Making Decisions, plus one of exhibitor's choice from the manual.
- **Third Year** – One activity from each of the following sections: Making Decisions; Managing; and Working with Groups, plus one of exhibitor's choice from the manual.

4-H Project Report.

Slideshow portfolio (max. 10 slides for 1st year and up to 5 additional for each year in project).

Leadership 2 (SF 50250)

Building upon your previous work, continue adding to your binder portfolio with a minimum of four (4) completed activities each year from the areas noted below. Photocopies or original pages of the completed activities from the book should be included in the portfolio.

- **First Year** – One activity from each of the following sections: Understanding Self; Communication; and Getting Along with Others, plus one of exhibitor's choice from the manual.
- **Second Year** – One activity from each of the following sections: Getting Along with Others; Learning to Learn; and Making Decisions, plus one of exhibitor's choice from the manual.
- **Third Year** – One activity from each of the following sections: Making Decisions; Managing; and Working with Groups, plus one of exhibitor's choice from the manual.

4-H Project Report.

Slideshow portfolio (max. 10 slides for 1st year and up to 5 additional for each year in project).

Leadership 3 (SF 50251)

Building upon your previous work, continue adding to your binder portfolio with a minimum of four (4) completed activities each year from the areas noted below. Photocopies or original pages of the completed activities from the book should be included in the portfolio.

- **First Year** – One activity from each of the following sections: Understanding Self; Communication; and Getting Along with Others, plus one of exhibitor’s choice from the manual.
- **Second Year** – One activity from each of the following sections: Getting Along with Others; Learning to Learn; and Making Decisions, plus one of exhibitor’s choice from the manual.
- **Third Year** – One activity from each of the following sections: Making Decisions; Managing; and Working with Groups, plus one of exhibitor’s choice from the manual.

4-H Project Report.

Slideshow portfolio (max. 10 slides for 1st year and up to 5 additional for each year in project).

Leadership Innovation Class (SF 50252)

Open to youth enrolled in Leadership 1, 2, or 3.

Demonstrate the skills and knowledge you have gained through the Leadership project. **Your exhibit should not fit in the other exhibit options for this project.** The exhibit may include, but isn’t limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you’ve learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Leadership Ready4Life Challenge (SF 50255)

Open to 11- to 18-year-olds enrolled in any Leadership project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Leadership Group Exhibit (SF 50254)

Open to clubs and groups whose members are enrolled in any Leadership project

Exhibit a display illustrating how your group has used the Teens As Leaders model effectively in your club, community, school, or state. Leadership activities might include planning, advising, promoting, mentoring, teaching or advocating for change. The exhibit may include, but isn’t limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you’ve learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital

presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. The display must be accompanied by 3 or more 4-H members at the time of the judge's critique. Club members should make a 5- to 10-minute presentation to the judge. All club members present for the judge's critique should be able to discuss the project and answer questions. Only club members present for judging who participate in the actual critique and presentation are eligible for ribbons and premiums. Due to space limitations, exhibits are limited to 2'6" wide and 15" deep.

4-H Project Report (uploaded by each group member)

Collaborative slide show of exhibit components (Max. 20 slides), attributing contributions to each individual member.

NATURE: NATURAL RESOURCES AND OUTDOOR ADVENTURES

Each county may submit 3 entries from 50256, 50257, 50258, 50259; 1 entry from 50267.

Electricity and water are NOT available for these displays. **NO live animals or reptiles are permitted in these exhibits.**

Natural Resources 1 (SF 50256)

Exhibit any item developed from the project book, *Step Into Nature*.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Natural Resources 2 (SF 50257)

Exhibit any item developed from the project book, *Explore the Natural World*.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Natural Resources 3 (SF 50258)

Exhibit any item developed from the project book, *Blaze the Trail*.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Outdoor Adventure 1-3 (SF 50259)

Exhibit a display illustrating an activity completed from the project manual.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Natural Resources Ready4Life Challenge (SF 50267)

Open to 11- to 18-year-olds enrolled in any Natural Resources and Outdoor Adventures project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

NATURE: FISHING AND WILDLIFE

Each county may submit 3 entries total from 50260, 50261, 50262, 50266, 50263, 50265; and 1 entry from 50291.

Sportsfishing 1 (SF 50260)

Exhibit a product or display made to complete an activity in the *Take the Bait* project manual. This could include, but is not limited to, displays on: different types of fishing tackle, identifying different baits and their uses (no actual bait, please) or identifying the anatomy of a fish. For safety reasons, lures must be placed in a plastic case.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Sportsfishing 2 (SF 50261)

Exhibit a product or display made to complete an activity in the *Reel in the Fun* project manual. This could include, but is not limited to, displays on: different types of knots or rigs and their use; a collection of fishing lures, labeled with their use; or information on preparing and cooking fish (not recipes). For safety reasons, lures must be placed in a plastic case.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Sportsfishing 3 (SF 50262)

Exhibit a product or display made to complete an activity in the *Cast into the Future* project manual. This could include, but is not limited to, displays on: making artificial flies and lures; researching effects of water temperature; sportsfishing careers; or identifying insects that fish eat. For safety reasons, lures must be placed in a plastic case.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Wildlife 1 (SF 50266)

Exhibit any activity developed from the project manual. Be able to explain the importance of and concept behind the exhibit.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Wildlife 2 (SF 50263)

Exhibit any activity developed from the project manual. (Ex. Create a display of the life history of an animal.) Within the exhibit, explain the importance of and concept behind the exhibit.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Wildlife 3 (SF 50265)

Exhibit any activity developed from the project manual. Be able to explain the importance of and concept behind the exhibit.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Fishing & Wildlife Ready4Life Challenge (SF 50291)

Open to 11- to 18-year-olds enrolled in any Fishing or Wildlife project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Exploring Your Environment 1 (not eligible for state fair)

Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of natural and/or manmade environments, how humans affect the environment, or how the environment affects our lives. Include your project manual that documents activity recordkeeping, your answers to activity questions, and details the exhibitor's thoughts and ideas.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Exploring Your Environment 2 (not eligible for state fair)

Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of one of the following: stewardship of natural resources, investigating greenhouse effects on living organisms, methods of reducing or managing waste in your home or community, or calculating your ecological footprint. Include your project manual that documents activity recordkeeping, your answers to activity questions, and details the exhibitor's thoughts and ideas.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

PHOTOGRAPHY

Each county may submit 3 entries total from 50268, 50269, 50270, 50271, 50272; and 1 entry from 50274.

ALL photos in exhibits must have been taken by the exhibitor. Photo/Model releases from individuals pictured in the exhibitor's photographs are required unless the photograph is of a group in a public place where identification would not be an issue. The release can be obtained at: <https://4h.extension.illinois.edu/members/projects/photography>. Photos may be taken with a camera, an electronic tablet (i.e. iPad), or a cell phone.

ALL photos (including Photo Editing exhibits) must be accompanied by details of the camera settings that include:

- a. Camera/device used
- b. Aperture (F-stop)
- c. Exposure time (shutter speed)
- d. ISO (film/sensor sensitivity)
- e. Lighting used (flash, artificial, sunlight, other)
- f. Photo editing software/application used (required for ALL edits and retouches except for cropping)
- g. Filters used (lens filters and or digital/software filters)

Members are allowed to shoot on a camera's automatic setting, but should be able to find the metadata information on the photo to discuss the information above.

The exhibition size requirements for all photographs will be:

Minimum image size: 5X7

Maximum image size: 8X10

Maximum exhibit size (including frame): 18X20

All exhibitors must include unframed (taped to the back of the framed exhibit or attached to the project booklet) **unedited** versions of either the same subject or the examples of the same technique that the framed image represents. This will assist the judge in understanding the choices made by the photographer to build the exhibited composition.

NOTE: Images taken with devices that apply an automatic filter will not be eligible for award.

Photography 1 (SF 50268)

Exhibit one framed photo which demonstrates your understanding of a technique you learned from your Photography 1 project manual. No photo editing is allowed in this class except cropping and red eye removal. Be prepared to show the page in the manual of the technique you are demonstrating.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of original photo and two close-ups of your choice that highlight a featured skill or content area.

Photo release if applicable to exhibit content.

Photography 2 (SF 50269)

Exhibit one of the options listed below:

- Exhibit one framed 8x10 close-up photograph using the skills learned on page 62-63 of the project manual titled "Bits and Pieces." No photo editing is allowed in this class except cropping and red eye removal; **OR**
- Exhibit one framed 8"x10" photo which demonstrate your understanding of a technique you learned from your Photography 2 project manual. No photo editing is allowed in this class except cropping and red eye removal. Be prepared to show the page in the manual of the technique you are demonstrating.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of original photo and two close-ups of your choice that highlight a featured skill or content area.

Photo release if applicable to exhibit content.

Photography 3 (SF 50270)

Exhibit one of the options listed below:

- Exhibit one framed 8" x 10" still-life photo that demonstrates good composition, including color, form, texture, lighting and depth of field. No photo editing is allowed in this class except cropping and red eye removal; **OR**
- Exhibit one framed 8"x10" photo which demonstrate your understanding of a technique you learned from your Photography 3 project manual. No photo editing is allowed in this class except cropping and red eye removal. Be prepared to show the page in the manual of the technique you are demonstrating.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of original photo and two close-ups of your choice that highlight a featured skill or content area.

Photo release if applicable to exhibit content.

Photo Editing (SF 50271)

Open to members in Photography 1, Photography 2, and Photography 3.

Exhibit one framed 8" x 10" photo that has been altered using digital photo-editing techniques (beyond cropping and red-eye reduction). Include a print of the original photo(s), taped to the back of the photo frame. Photos in which an automatic filter was applied at the time the photograph was taken will not be eligible for award.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of original photo and two close-ups of your choice that highlight a featured skill or content area.

Photo release if applicable to exhibit content.

Photography Innovation Class: (SF 50272)

Open to youth enrolled in Photography 1, 2, and 3.

Demonstrate the skills and knowledge you have gained through the Photography project. **Your exhibit should not fit in the other exhibit options for this project.** The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. All exhibits must include one framed photo illustrative of the work you are presenting.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Photography Ready4Life Challenge (SF 50274)

Open to 11- to 18-year-olds enrolled in any Photography project

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

PLANTS & SOILS

Plants & Soils 1 (not eligible for state fair)

Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of environmental and internal factors that affect plant growth. Include your project journal that documents activity recordkeeping requirements, answers activity questions, and details personal thoughts and ideas.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Plants & Soils 2 (not eligible for state fair)

Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of the composition of plants, the functions of individual plant parts, plant life cycles, and the many ways plants reproduce. Include your project journal that documents activity recordkeeping, answers activity questions, and details personal thoughts and ideas.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Plants & Soils 3 (not eligible for state fair)

Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of environmental and internal factors that affect plant growth. Include your project journal that documents activity recordkeeping requirements, answers activity questions, and details personal thoughts and ideas.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Plants & Soils Ready4Life Challenge (not eligible for state fair)

Open to 11- to 18-year-olds enrolled in any Plants & Soils project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

POULTRY

RULES:

3. Poultry exhibits are not required to meet state poultry exhibition health requirements if brought to the show and returned home the same day.
4. **Young breeding trio which consists of 1 cockerel and 2 pullets must be hatched after January 1, 2019, while an Adult/Mature breeding trio consists of 1 rooster and 2 hens and must be hatched before January 1, 2019. All other birds must be hatched after January 1, 2019.**
5. Each exhibitor is limited to two entries per class. Premiums will be paid on no more than 15 total entries for the whole 4-H show.
7. A pullet is a female and a cockerel is a male. A breeding pen will consist of 1 cockerel and 2 pullets not shown as singles.
9. Members may exhibit a poster or display instead of showing an animal (but not both). Display or poster to be exhibited at General Show under – Animal Science.

10. Birds shown should be fully feathered- clipping of wing feathers is not suggested. Birds should also be free of lice/mites. This may call for disqualification.

Photo Requirements: Whole body of animal (side view), Close up of head (including wattle and comb), Close up of legs and feet

Breeding Classes

American Breeds

Class 200 – Young Single Pullet born **after** 1/1/2020
Class 201 – Young Single Cockerel born **after** 1/1/2020
Class 202 – Young Breeding Trio born **after** 1/1/2020

Class 203 – Adult Single Hen born **before** 1/1/2020
Class 204 – Adult Single Cockerel born **before** 1/1/2020
Class 205 – Adult Breeding Trio **before** 1/1/2020

English Breeds

Class 212 – Young Single Pullet born **after** 1/1/2020
Class 213 – Young Single Cockerel born **after** 1/1/2020
Class 214 – Young Breeding Trio born **after** 1/1/2020

Class 215 – Adult Single Hen born **before** 1/1/2020
Class 216 – Adult Single Cockerel born **before** 1/1/2020
Class 217 – Adult Breeding Trio **before** 1/1/2020

Mediterranean Breeds

Class 224 – Young Single Pullet born **after** 1/1/2020
Class 225 – Young Single Cockerel born **after** 1/1/2020
Class 226 – Young Breeding Trio born **after** 1/1/2020

Class 227 – Adult Single Hen born **before** 1/1/2020
Class 228 – Adult Single Cockerel born **before** 1/1/2020
Class 229 – Adult Breeding Trio **before** 1/1/2020

Asiatic/Continental

Class 236 – Young Single Pullet born **after** 1/1/2020
Class 237 – Young Single Cockerel born **after** 1/1/2020
Class 238 – Young Breeding Trio born **after** 1/1/2020

Class 239 – Adult Single Hen born **before** 1/1/2020
Class 240 – Adult Single Cockerel born **before** 1/1/2019
Class 241 – Adult Breeding Trio **before** 1/1/2020

Market/Meat Pen -

Roaster Classes (Over 4 lbs. – each bird)
Birds must be born after 1/1/2020

Class 30 – Single Pullet

Class 31 – Single Cockerel

Class 32 – Roaster trio (3 pullets or 3 cockerels)

All other Standard Breeds & Crosses

Class 206 – Young Single Pullet born **after** 1/1/2020
Class 207 – Young Single Cockerel born **after** 1/1/2020
Class 208 – Young Breeding Trio born **after** 1/1/2020

Class 209 – Adult Single Hen born **before** 1/1/2020
Class 210 – Adult Single Cockerel born **before** 1/1/2020
Class 211 – Adult Breeding Trio **before** 1/1/2020

All Clean Legged Bantams

Class 218 – Young Single Pullet born **after** 1/1/2020
Class 219 – Young Single Cockerel born **after** 1/1/2020
Class 220 – Young Breeding Trio born **after** 1/1/2020

Class 221 – Adult Single Hen born **before** 1/1/2020
Class 222 – Adult Single Cockerel born **before** 1/1/2020
Class 223 – Adult Breeding Trio **before** 1/1/2020

All Feathered Legged Bantams

Class 230 – Young Single Pullet born **after** 1/1/2020
Class 231 – Young Single Cockerel born **after** 1/1/2020
Class 232 – Young Breeding Trio born **after** 1/1/2020

Class 233 – Adult Single Hen born **before** 1/1/2020
Class 234 – Adult Single Cockerel born **before** 1/1/2020
Class 235 – Adult Breeding Trio **before** 1/1/2020

Market/Meat Pen

Fryer/Broiler Classes (Under 4lbs. – each bird)
Birds must be born after 1/1/2020

Class 37 – Single Pullet

Class 38 – Single Cockerel

Class 39 – Fryer/Broiler trio (3 pullets or cockerels)

Waterfowl

Class 33 – Male duck

Class 34 – Female

duck **Class 41 – Bantam Size** – One dozen eggs

Class 35 – Male goose

Class 36 – Female goose

Game/Domestic Birds

Class 43 Pair of Game Birds (Pheasants, Quail, Wild Turkey)

(Must present current copy of state game bird license)

Class 44 Pair of Domestic Birds (Pigeons, Guineas, Turkeys)

Breeds within Classes

American Class – Plymouth Rocks, Dominiques, Wyandottes, Javas, Rhode Island Reds, Rhode Island Whites, Buckeyes, Chanteclers, Jersey Giants, Lamonas, New Hampshires, Hollands, Delawares.

Asiatic Class – Brahmans, Cochins, Langshans

English Class – Dorkings, RedCaps, Cornish, Orpingtons, Sussex, Australorps

Mediterranean Class – Leghorns, Minercas, Spanish, Andalusians, Anconas, Sicilian Buttercups, Catalanas.

Continental Class – Continental (North Europe), Hamburgs, Campines, Lakenvelders, Barnevelders, Weisummers, Continental (Polish). Polish: Bearded- Non Bearded, Continental (French), Houdans, Faverolfes, Crevecoueurs, LaFleche

Poultry Animal Science (SF 50135)

Prepare a display focusing on any activity related to the poultry project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

Animal Science Poultry Ready4Life Challenge (SF 50137)

Open to 11- to 18-year-olds enrolled in any Poultry project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

Market Eggs

Class 40 – Standard Size – One dozen eggs

Photo Requirements: Picture of entire dozen (in open carton, side view), Picture of at least one freshly cracked egg on plate (1 top view, 1 side view, Project report/narrative)

4-H Public Speaking Virtual Contest

Registration Open in FairEntry: June 13

Video Submissions Due: June 26

Montgomery County 4-H will be hosting their Public Presentations Contest virtually this year. As in the past, to participate in this contest, youth must be 4-H members, and be registered in the Public Presentations project by (June 1). They also need to register for the contest using their county's [FairEntry](#) system between (June 13) and (June 19). Once registered in FAirEntry, exhibitors will receive instructions for video submissions. See below for a review of the contest categories, as well as, details on the video submission process.

CONTEST CLASSES

Youth may enter up to 2 classes. Each county may advance a total of three entries from any category to the state contest. Please note that no live animals are allowed in speeches.

FORMAL SPEECH | Self-written | Notes Allowed | No props | Individual | 4-8 minutes

Formal Speeches share the presenter's own unique view and are intended to motivate, persuade, or inform an audience and may include a call to action. Youth deliver a speech on any topic they wish (Original Oratory), or choose one of these four topics on which to speak (Topical Response):

- Welcome to the Digital Age
- What is My Connection to the Global Community?
- Power: Who Has It, Who Doesn't, and Does It Matter?
- If I Could See tomorrow...

ILLUSTRATED SPEECH | Self-written | Notes allowed | Illustrations Required | Individual | 4-8 minutes

Illustrated Speeches may be used to inform, persuade, or motivate the audience while using a visual aid. Visual aids may be two dimensional, three-dimensional, or digital. Youth may include audience participation. Digital visual aids must be stored on a USB flash drive. Illustrated speeches may be:

- How-to demonstrations which show the audience how to do something.
- Object lessons which use objects as metaphors to share a message.
- Educational models where drawings or diagrams help explain a topic.

ORIGINAL WORKS | Self-written | Notes allowed | Props and Costumes Allowed | Individual or 2-Person Team | Manuscripts sent in Advance | 4-8 minutes

Original works must be written entirely by the presenter. It may be presented as an individual or a two-person team entry. Manuscripts must be sent in advance to the contest. Presentations may be designed for TV, radio, or online media and must be presented live. The types of entries could include:

- Prose and Short Stories
- Poetry
- Broadcast Media Program
- Theatrical
- Combined Program: Combine any number of the above elements along with other creative presentation forms

ORAL INTERPRETATION | Published work | Props and Costumes Allowed | Individual or 2-Person Team |

Manuscripts sent in Advance | 4-8 minutes

Presentations in Oral Interpretation must be published works, and manuscripts or transcripts must be submitted prior to the event. They may be presented as an individual or a two-person team entry. The types of entries could include:

- Prose and Short Stories
- Poetry
- Theatrical Interpretation
- Published Speech Recitation: Excerpt from a spoken presentation delivered by a public figure, such as Winston Churchill, Dr. Martin Luther King, Jr., or Maya Angelou
- Combined Program: Combine any number of the above elements along with other creative presentation forms

Video Submission Requirements: Instructions for uploading to YouTube and then submitting video in BOX will be sent to registered exhibitors.

RABBITS

Each exhibitor is limited to two entries per class. Premiums will be paid on no more than 15 total entries for the whole 4-H show.

2. Rabbits shown as individuals cannot be part of a market pen.
3. Market pens and single fryers will be weighed at the show.
4. **Rabbits must arrive by 10:00 a.m. in appropriate cages.**
5. Rabbits will be released when determined by superintendent.
6. The show will be broken down into small breeds and large breeds. Small breeds include: Dutch, Mini Lop, Holland Lops and Mini Rex. Large breeds include: Californian, New Zealand and Satins.

Photo Requirements: 6 photos: one from each side, one front view, one back view), Close up of head, Close up on feet/nails

Small Breeds

Class 81 - Sr. Buck born before 1/1/2020

Class 82 - Sr. Doe born before 1/1/2020

Class 83 - Jr. Buck born after 1/1/2020

Class 84 - Jr. Doe born after 1/1/2020

Large Breeds

Class 85 – Sr. Buck born before 1/1/2020

Class 86 – Sr. Doe born before 1/1/2020

Class 87 – Jr. Buck born after 1/1/2020

Class 88 – Jr. Doe born after 1/1/2020

Class 92 – Single Fryer – 1 rabbit, any breed, preferably a meat type rabbit under 90 days old.

Rabbit Animal Science (SF 50135)

Prepare a display focusing on any activity related to the rabbit project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used

during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Animal Science Rabbits Ready4Life Challenge (SF 50137)

Open to 11- to 18-year-olds enrolled in any Rabbit project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

ROBOTICS

Each county may submit 3 entries total from 50285, 50286, 50288, 50289, 50292; and 1 from 50293 to the State Fair.

NOTE: If applicable for their class and display, exhibitors must bring their own computers for demonstration purposes; computers will not be provided. Internet access will not be available.

- Exhibits in classes Robotics 1 beginning, 50285, and 50286 are designed to be used with LEGO Mindstorms (NXT or EV3).
- Any other programmable robot kit such as Arduino or Raspberry Pi, should be exhibited under Innovation Open Source class.

Robotics 1: Beginning (not eligible for state fair)

EVE3 or NXT: Exhibitors should complete Activities 1-6. Exhibitors will design, build and program a robot that can autonomously follow a predetermined path that changes direction at least 4 times during a single run. They will bring their Robotics Notebook to share what they learned about the engineering design process and programming.

WeDo: Exhibitors should build one robot according to the build instructions included.

4-H Project Report.

Video of robot performing specific action and provide an explanation of your code (3 min max)

Slide show with photos of Robot notebook.

Robotics 1: Intermediate (SF 50285)

Exhibitors should complete Activities 7-12. Exhibitors will design, build and program a robot that uses at least one sensor to autonomously follow a path, respond to, and or avoid obstacles. Exhibitors in this class must use at least one sensor in their robot design. They will bring their Robotics Notebook to share what they learned about the engineering design process and programming.

4-H Project Report

Video of robot performing specific action and provide an explanation of your code (3 min max)

Slide show with photos of Robot notebook.

Robotics 2 (SF 50286)

Exhibitors should complete Activities 1-7. Exhibitors will design, build and program a robot that uses sensors and programming to complete one of the provided challenges. They will bring their robot and Robotics Notebook to share changes they made to the robot and/or program along the way, and to describe their experience with completing the challenge.

4-H Project Report

Video of robot performing specific action and provide an explanation of your code (3 min max)

Slide show with photos of Robot notebook.

Robotics Innovation Open Source Class (SF 50292)

Open to youth enrolled in Robotics 3, but may also include youth in Robotics 1 or 2 if the exhibits meets the guidelines.

Exhibit an original robot, either homemade or a kit that does not fall under Robotics 1 or 2 that can complete a task using MULTIPLE sensors. If a robot kit is used, then some parts of the robot must be built using other components such as wood, plastic or metal. The robot can include any types of motors, pneumatics or sensors. The Innovation class can also be used for LEGO Mindstorms or Vex kits where the exhibit does not fall under Robotics 1 or 2 exhibit option. Autonomous control of the robot may also be achieved using an "open source" platform such as Arduino or Raspberry Pi and can be programmed using a coding language that is publicly available. Exhibitors in Robotics Innovation/Open Source class must bring a detailed engineering notebook that describes how the exhibitor designed, built and programmed the exhibit.

4-H Project Report

Video of robot performing specific action and provide an explanation of your code (3 min max)

Slide show with photos of Robot notebook.

Junk Drawer Robotics All exhibits should be original designs made with everyday objects and materials. Exhibits with purchased kits will not be accepted. Exhibitors are also required to bring their Junk Drawer Robotics Youth Robotics Notebook with the sections completed for the project they are exhibiting, including the sections leading up to the activity they are exhibiting. For example, if a youth is bringing Activity E from Junk Drawer Level 1, they should have robotics notebook sections A-E completed.

Junk Drawer Robotics 1 (not eligible for state fair)

Exhibit any item from the “To Make” activity from the Junk Drawer Robotics Level 1 Book. Be sure all robotics notebook sections within the module being exhibited are filled in.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Junk Drawer Robotics 2 (SF 50288)

Exhibit any item from the “To Make” activity from the Junk Drawer Robotics Level 2 Book. Be sure all robotics notebook sections within the module being exhibited are filled in.

4-H Project Report

Video of robot performing specific action and provide an explanation of device actions (3 min max)

Slide show with photos of Robot notebook.

Junk Drawer Robotics 3 (SF 50289)

Exhibit any item from the “To Make” activity from the Junk Drawer Robotics Level 3 Book. Be sure all robotics notebook sections within the module being exhibited are filled in.

4-H Project Report

Video of robot performing specific action and provide an explanation of device actions (3 min max)

Slide show with photos of Robot notebook.

Robotics Ready4Life Challenge (SF 50293)

Open to 11- to 18-year-olds enrolled in any Robotics project

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

SHEEP

RULES:

2. Each exhibitor will be limited to two entries per class.
3. All lambs must be born on or after Sept.1, 2017 and be property of exhibitor since May 15 of this year.
4. Sheep will be shown in appropriate fleece for the breed.
6. If needed, a 4-H member may assist the sheep showman.
8. Sheep shown in the breeding class cannot be shown in the market class.
9. Sheep must comply with state health requirements including proof of being scrapie free
Health Requirement -- sheep must be tagged with an official "scrapie tag".

Photo/Video Requirements: 45 second video & Project Report OR 4 photos (Photos of Front, Back and both sides) & project Report

Class 121 - Yearling Ewe - born between Sept 1- Aug 31 of previous year.

Class 122 – Jr. Ewe Lamb - born after Sept 1 of previous year.

Class 123 – Sr. Ewe Lamb – born before Sept 1 of previous year.

Class 124 - Ram Lamb - born after Sept 1 of previous year.

Class 127 - Single Market Lamb – ram, wether or ewe not shown in breeding class.

127 A- under 100lbs 127 B- 101-125lbs, 127 C – 126-150lbs, 127 D- 151-175, 127 E – 176-200

Class 130 – Mother/Offspring – a ewe and one of its offspring. The offspring must meet the criteria for Class 76 or 77.

Sheep Animal Science (SF 50135)

Prepare a display focusing on any activity related to the sheep project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Animal Science Sheep Ready4Life Challenge (SF 50137)

Open to 11- to 18-year-olds enrolled in any Sheep project

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

SHOOTING SPORTS

Each county may submit 2 entries total from 50401, 50402, 50403, 50404, 50405; and 1 from 50406.

Members must be a member of an approved 4-H Shooting Sports Club to exhibit.. All exhibits should be posters or stand-alone items suitable for display to the general public. Stand-alone items have the intent to enhance the discipline such as a quiver, gun case, gun sling, locking cabinet, gun or target stand, sporting clays equipment wagon, etc. Exhibits deemed to be inappropriate by a superintendent will not be displayed.

NOTE: Shooting Sports Displays are prohibited from displaying the following:

- No live ammunition
- No knives or arrow tips (including field points, hunting broadheads, etc.)
- No functional or non-functional bows, firearms or firearm parts that could be reassembled are allowed.
- No humanoid shaped targets or reference to paintball, laser tag, air-soft, or pointing of any type of firearm or bow toward another person is allowed.
- No display involving primarily tactical design firearms (i.e. AR platform or military type firearms)
- No reference or use of the word “weapon” should be used in a display
- Make sure there are no safety violations in your display. (Example: no earplugs or safety glasses in a picture of a person shooting a firearm.)

Shooting Sports: Archery (SF 50401)

Exhibit a poster or stand-alone display depicting safe archery handling, range safety, the parts of the bow, tracking the target, target sighting, or another topic you have learned through the 4-H Shooting Sports program.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice

that highlight a featured skill or content area.

Shooting Sports: Rifle (SF 50402)

Exhibit a poster or stand-alone display depicting safe firearm handling, range safety, the parts of the rifle, tracking the target, target sighting, or another topic you have learned through the 4-H Shooting Sports program.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Shooting Sports: Shotgun (SF 50403)

Exhibit a poster or stand-alone display depicting safe firearm handling, range safety, the parts of the shotgun, tracking the target, target sighting, or another topic you have learned through the 4-H Shooting Sports program.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Shooting Sports: Hunting & Outdoor Skills (SF 50404)

Exhibit a poster or stand-alone display related to something you learned in the Hunting & Outdoor Skills project.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Shooting Sports: Pistol (SF 50405)

Exhibit a poster or stand-alone display depicting safe firearm handling, range safety, the parts of the pistol, tracking the target, target sighting, or another topic you have learned through the 4-H Shooting Sports program.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Shooting Sports Ready4Life Challenge (SF 50406)

Open to 11- to 18-year-olds enrolled in any Shooting Sports project.

Exhibits in this category must include the following: a) a physical representation of the career or

business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

SMALL ENGINES

Each county may submit 1 entry total for 50294; and 1 entry for 50297.

Small Engine displays must be no larger than 4' x 4' display board. Exhibits must be portable. No complete engines, lawn tractors, tillers, chainsaws, etc. are permitted for display. No electrical power is available for displays/exhibits.

Small Engines 1-3 (SF 50294)

Exhibit a display, selecting one of the following items:

- **Ignition System:** Identify the parts of the Ignition System and explain how magnetic energy is produced through the ignition system to ignite the spark plug.
- **Compression System:** Explain how heat energy is produced by an engine and converted into mechanical energy.
- **Heat Transfer:** Explain how heat is transferred through the cooling and lubrication system of an air cooled or water cooled engine.
- **Filter Maintenance:** Explain the proper maintenance and cleaning of the air, fuel and oil filters of an engine.
- **What does a serial number reveal?:** Explain the various information that can be learned from the serial number or identification number stamped on the shroud of a Briggs & Stratton engine.
- **Tools to do the job:** Identify and explain the function(s) of different specialty tools needed for small engine work.
- **Experimentation:** Explain through illustration an experiment you conducted from the project manual showing the results of your work.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Small Engines Ready4Life Challenge (SF 50297)

Open to 11- to 18-year-olds enrolled in any Small Engines project,

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business

fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

Small Engines Maker (SF 50400)

Counties may submit 3 entries TOTAL combined from all Maker exhibit divisions.

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. See Requirements for all Maker Classes in General Rules Section.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

SMALL PETS

Animal Science Small Pets (SF 50135)

Prepare a display focusing on any activity related to the small pets project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Animal Science Guinea Pig Display (SF 50135)

Prepare a display focusing on any activity related to the small pets project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Animal Science Small Pets / Guinea Pig Ready4Life Challenge (SF 50137)

Open to 11- to 18-year-olds enrolled in any Small Pets project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

SWINE

RULES:

1. Each exhibitor must comply with general eligibility rules.
2. **State Fair Health Requirements can be found in the back of the Show Book.**
4. All swine **MUST (this will be enforced)** be ear notched with litter and pig number. NOTCHES WILL BE CHECKED.
5. All swine exhibited must be farrowed on or after January 1 of current year and must be property of member since starting date of project, before May 1.
6. Crossbreed will be considered a breed in determining number or entries.
7. An exhibitor may show a total of eight swine animals. Exhibitor may show four gilts, and four single barrows. They may show not more than two entries per class. This does not include Rate-of-Gain.
8. If there are enough entries, classes will be divided into: Weight classes. This will be announced before the show.
9. Swine exhibits may not be removed until released by the superintendents.
10. Exhibitors may have 1 assistant that is a 4-H member or 4-H age, helping them show in ring when necessary.
11. There will be a registration check for all breeding stock prior to the weigh -in. Unregistered animals will be shown with the crossbreds
12. Members may exhibit a poster or display instead of showing an animal (but not both). Display or poster to be exhibited at General Show.

Photo/Video Requirements: 45 second video & Project Report OR 4 photos (Photos of Front, Back and both sides) & project Report

Class 70 - Gilt Crossbred- this class will be split into 2 weight subclasses.

Class 71 - Gilt Purebred

Class 73 - Barrow Purebred

Class 74 –Barrows Crossbred- this class will be split into 2 weight subclasses.

Swine Animal Science (SF 50135)

Prepare a display focusing on any activity related to the swine project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Animal Science Swine Ready4Life Challenge (SF 50137)

Open to 11- to 18-year-olds enrolled in any Swine project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

TECHNOLOGIES

3-D PRINTING & DESIGN: Choose one of the following classes based on your interest and skill level.

3-D Design Beginner (not eligible for State Fair)

No 3-D Printer or 3-D printed object is required for this exhibit. Exhibit a simple 3-D rendered design using Computer Aided Design (CAD) Software such as Tinker CAD or Inventor. The design must be an object that performs a specific task, and may not be based on already existing 3-D models. It must be able to be 3-D printed. Any CAD software can be used, but files must be in .STL format. Bring your design on a Jump Drive to be viewed for judging. Exhibits in this class may not have multiple parts, doors,

hinges, or any sort of mechanics.

Exhibitors are expected to use the engineering design process to complete their designs. This process is important to the outcomes and exhibitors must keep a log outlining the step-by-step notes, sketches, and documentation from throughout the design process. The logbook should define the problem that is being solved/use of the object and describe in detail each step of the Engineering Design Process taken during the creation of the invention.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

3-D Design Advanced (not eligible for State Fair)

Exhibitors are expected to go above and beyond those expectations set in 3-D design beginner. No 3-D Printer or 3-D printed object is required for this exhibit. Exhibit a complex 3-D rendered design using Computer Aided Design (CAD) Software such as Tinker CAD or Inventor. The design must be an object that performs a specific task, and may not be based on already existing 3-D models. It must be able to be 3-D printed. Any CAD software can be used, but files must be in .STL format. Bring your design on a Jump Drive to be viewed for judging. Exhibits in this class **MUST** not have multiple parts, doors, hinges or some sort of mechanistic feature to accomplish a specific task.

Exhibitors are expected to use the engineering design process to complete their designs. This process is important to the outcomes and exhibitors must keep a log outlining the step-by-step notes, sketches, and documentation from throughout the design process. The logbook should define the problem that is being solved/use of the object and describe in detail each step of the Engineering Design Process taken during the creation of the invention.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

3-D Printing Beginner (not eligible for State Fair)

Exhibit a simple 3-D printed object designed using Computer Aided Design (CAD) Software such as Tinker CAD or Inventor. The 3-D printed object must perform a specific task, and may not be based on already existing 3-D models. It must be 3-D printed using **ONLY A COMMERCIALY AVAILABLE HOME/DESKTOP 3-D PRINTER**. In addition, original design files must accompany each exhibit. These files must be in .STL format. Bring your design on a jump drive to be viewed for judging. Exhibits in this class may not have multiple parts, doors, hinges or any sort of mechanics.

Exhibitors are expected to use the engineering design process to complete their designs. This process is important to the outcomes and exhibitors must keep a log outlining the step-by-step notes, sketches, and documentation from throughout the design and print process. The logbook should define the problem that is being solved/use of the object and describe in detail each step of the Engineering Design

Process taken during the creation of the invention.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

3-D Printing Advanced (not eligible for State Fair)

Exhibitors are expected to go above and beyond those expectations set in 3-D Printing beginner. Exhibit a Complex 3-D printed object designed using Computer Aided Design (CAD) software such as Tinker CAD or Inventor. The 3-D print must be an object that performs a specific task, and may not be based on already existing 3-D models. Exhibits in this class **MUST** have multiple parts, doors, hinges or some sort of mechanical feature. It must be 3-D printed using **ONLY A COMMERCIALY AVAILABLE HOME/DESKTOP 3-D PRINTER**. In addition, original design files must accompany each exhibit. These files must be in .STL format. Bring your design on a Jump Drive to be viewed for judging.

Exhibitors are expected to use the engineering design process to complete their designs. This process is important to the outcomes and exhibitors must keep a log outlining the step-by-step notes, sketches, and documentation from throughout the design and print process. The logbook should define the problem that is being solved/use of the object and describe in detail each step of the Engineering Design Process taken during the creation of the invention.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

3-D Print & Design Maker (SF 50400)

Counties may submit 3 entries TOTAL combined from all Maker exhibit divisions.

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines:

- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do
- Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

In addition, exhibitors are HIGHLY encouraged to use tools such as 3-D printers, laser cutters, routers and/or other hand/power tools to help in the manufacturing process (**NOTE: Simply 3-D printing or laser cutting an object without the other specifications does not qualify as a Maker Project**). It is also HIGHLY encouraged that exhibits use Open Source Software and/or Hardware in the build.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

3-D Printing & Design Ready4Life Challenge (not eligible for State Fair)

Open to 11- to 18-year-olds enrolled in any 3-D project

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

UNMANNED AERIAL VEHICLES/SYSTEMS (DRONES):

Choose one of the following classes based on your interest and skill level.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

UAV Display (not eligible for State Fair)

Prepare a display related to the Drones/UAV project on the topic of your choosing. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Non-UAV/ Drone projects should not be entered in this class.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

UAV Unmanned Aerial Systems (not eligible for State Fair)

Exhibit one Unmanned Aerial Vehicle and associated system assembled or made by the member. UAV or Drone exhibits in this class must be either originally designed or built from a kit of reconfigurable parts and components. These displays are limited to multicopters (tri, quad, hex, and octocopters), as well as FPV airplanes and flying wings with wingspans up to 36". The UAV MUST have a Flight Controller and utilize a camera/video transmission system. The exhibit will be a static display. The Drone should be in good flying condition with batteries fully charged, and all UAS components (including Video System) ready to demonstrate. DO NOT display your UAV with the propellers on, but rather on the table to the side of your UAV. The Drone will not be flown unless the weather permits, and flights have been approved by the local FAA/Air Traffic Control Tower. Attach the printed directions of the UAV if any were used.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

UAV Ready4Life Challenge (not eligible for State Fair)

Open to 11- to 18-year-olds enrolled in any UAV project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow. Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

THEATRE ARTS

Each county may enter 3 entries total for 50299, 50301, 50302; and 1 entry for 50304.

Theatre Arts 1 (SF 50299)

Exhibit one of the following items:

- Portfolio of acting activities completed during the current year (A video of performances is not considered a portfolio and will not be accepted for exhibit.); **OR**
- Display illustrating a drawing/photograph of a clown character created by the exhibitor; **OR**

- Display illustrating a picture story developed by the exhibitor.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Theatre Arts 3 (SF 50301)

Exhibit one of the following items:

- Portfolio of activities for set design; make-up; or sound, props, or costuming completed during the current year; **OR**
- Display that includes sound, props and costume charts appropriate for a selected scene from a story or play (limited to no more than 8 items); **OR**
- Display a scenic design model to depict a scene from a script; **OR**
- Display illustrating a character with make-up drawn or colored in. Include a photograph of a person wearing the make-up and information on the character's personality or part in the play.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Theatre Arts Innovation Class (SF 50302)

Open to youth enrolled in Theatre Arts.

Demonstrate the skills and knowledge you have gained through Theatre Arts project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Theatre Arts Ready4Life Challenge (SF 50304)

Open to 11- to 18-year-olds enrolled in any Theatre project

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging

criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

TRACTOR

Each county may submit 2 entries total for 50306, 50307, 50308, 50309, 50310; and 1 entry for 50312.

Tractor A (SF 50306)

Exhibit a display or poster that illustrates one of the following topics: tractor safety; care and maintenance; the tractor as a valuable farm machine; or an activity listed in the project manual.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Tractor B (SF 50307)

Exhibit a display or poster that illustrates one of the following topics: cause and prevention of rollovers, diagram how an air cleaner works, diagram & identify an engine cooling system, regulations for battery & oil disposal, or another activity listed in the 4-H project manual.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Tractor C (SF 50308)

Exhibit a display or poster that illustrates one of the following topics: wagon and bin hazards, diagram and identify open and closed hydraulic systems, mower types and safety features conveyor types and safety features, or another activity listed in the 4-H project manual.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Tractor D (SF 50309)

Exhibit a display or poster that illustrates one of the following topics: method of winterizing a tractor, chemical uses and required safety equipment, parts and process of internal combustion engine,

procedure for cleaning and flushing tractor radiator, or another activity.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Tractor Innovation Class (SF 50310)

Open to youth enrolled in Tractor A, B, C or D.

Demonstrate the skills and knowledge you have gained through the Tractor project. This could be related to, but not limited to, advancements in technology, enhancements to crop production, or a topic of interest to the member related to tractors or farm machinery. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

Tractor Ready4Life Challenge (SF 50312)

Open to 11- to 18-year-olds enrolled in any Tractor project

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

VETERINARY SCIENCE

Each county may submit 1 entry total from 50320; and 1 entry from 50322.

Veterinary Science (SF 50320)

(Open to youth in Veterinary Science 1, Veterinary Science 2, and Veterinary Science 3)

Prepare a display focusing on any activity related to the veterinary science project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service

will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects. Exhibits may include activities from Veterinary Science projects OR from any other Animal project area

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Veterinary Science Ready4Life Challenge (SF 50322)

Open to 11- to 18-year-olds enrolled in any Veterinary Science project

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

VIDEO/FILMMAKING

Each county may submit 3 entries total from 50324, 50325, 50326, 50327, 50328; and 1 entry from 50330. Enrollment in the Video project is required to exhibit in the classes in this section.

All Exhibitors must bring their video to be judged on a USB flash drive and saved in .MP4 format.

Exhibitors are encouraged to post their video on YouTube.com in advance of State Fair. Exhibitors may choose whether to make the video “public, unlisted” (someone must have the link to view it), or “private” (only people you choose may view it). This will allow fairgoers to view the exhibits on display. There will be monitors at the exhibit table for viewing videos so exhibitors will NOT need to bring a laptop or device for viewing.

Requirements that apply to ALL video classes:

Video submissions should be no longer than five (5) minutes in length (unless noted differently in class description.). Videos are to be original and a result of the member’s current year’s work. Criteria for judging shall include: (1) Evidence of story line; (2) Use of camera angles; (3) Use of zooming techniques; and (4) Smoothness of scene changes. Image and sound quality will be considered in relation to equipment available to and used by exhibitor. All videos should comply with copyright regulations and display an image that is appropriate for 4-H audiences. No time or date should be imprinted on the

video footage. All videos should include an opening title screen, as well as closing credits which include date of production, name of video exhibitor and research sources if appropriate. **All Video/Filmmaking exhibitors must include a printed copy of materials which will remain on display.**

Commercial or Promotional Video (SF 50324)

Prepare a short video (30 seconds to 1 minute in length) that promotes an event, advertises a specific project/product, or is a public service announcement. The video should demonstrate skills in making and editing video.

Project Report URL link to video (Youtube or Box).

Animated Video (SF 50325)

Video in this class should represent creative animation of original artwork created by the exhibitor and may include stop motion techniques. Media might include images created with graphics software or hand-drawn images.

Project Report URL link to video (Youtube or Box).

Documentary (SF 50326)

Video in this class should represent a research-based investigation into a topic of choice. Video credits should list research sources and may include paper or electronically published materials, as well as, and/or interviews with experts or constituents related to the topic of investigation.

Project Report URL link to video (Youtube or Box).

Short Story or Short Narrative (SF 50327)

Prepare a short video that tells a story. The video should demonstrate skills in making and editing video.

Project Report URL link to video (Youtube or Box).

Video/Filmmaking Innovation Class (SF 50328)

Open to youth enrolled in Video/Filmmaking

Demonstrate the skills and knowledge you have gained through the Video project. **Your exhibit should not fit in the other exhibit options for this project.** The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you

need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Video/Film Ready4Life Challenge (SF 50330)

Open to 11- to 18-year-olds enrolled in any Video/Film project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

VISUAL ARTS

Each county may submit one entry from these projects:

- Food Decorating (1 total from 50332, 50333, 50334, 50335)
- Chalk/Carbon/Pigment on wood, metal or textiles (Division B) 50352
- Clay 50337
- Computer-Generated Art 50338
- Fiber 50339
- Fiber Non-Original Ages 8-10 Only 50350
- Glass/Plastic 50340
- Heritage Arts 50341
- Leather 50321
- Metal 50342
- Nature 50343
- Paper 50344
- Scrapbooking (1 total from 50345, 50346, 50347)
- Three-Dimensional Design/Mixed Media 50348
- Wood 50349
- Ready4Life 50351

Each county may submit two entries from Chalk/Carbon/Pigment on canvas, paper or glass (Division A) 50336

Exhibitors must be enrolled in the Visual Arts project category in which they are exhibiting. Exhibitors are encouraged to date the project when it is made. All visual arts exhibits are evaluated using a visual arts rubric which takes into account correct use of design elements; craftsmanship; and creativity.

Articles exhibited must be an original design created by the exhibitor (except in heritage arts which may follow a pattern AND Fiber-Non Original Ages 8-10 ONLY). Copyrighted or trademarked designs are not acceptable; this includes Team or School logos. Kits and preformed molds are not considered original and are not acceptable in any Visual Arts Class. Combining parts of different patterns (pictures, photographs, images from the internet or a magazine) with the member's own ideas can result in an original design, but simply changing the color, pattern and/or size of a pattern does NOT make the design original. This also applies for ideas found on a site such as Pinterest. If you see something on Pinterest that you like, use the concept and create something different using the concept; however if it MUST NOT look exactly like something the judge can search for and find on Pinterest. The exhibit must combine parts of different patterns and/or ideas with the concepts of the member, however changing the color or changing the size of the item or pattern used does NOT make it original. If you create a replica of what you see somewhere else, it is not your original design. If a photo, sketch, or other idea source was used, submit it with your entry, firmly attached to your exhibit. Be prepared to explain how and where you got the idea for this project.

Members wishing to exhibit quilts made from a pattern may enter it in Heritage Arts. Quilts exhibited in the Visual Arts – Heritage Arts area will be evaluated using a visual arts rubric which takes into account correct use of design elements; craftsmanship; and creativity. All work on the quilt MUST be completed by the 4-H member. You cannot exhibit a quilt that was quilted by someone else.

Visual Arts Food Decorating Beginning (SF 50332)

Exhibit one of the following:

- Exhibit four decorated cookies, using a minimum of four different techniques. Exhibit may use cookies OR cookie forms.
- Exhibit four decorated cupcakes, using a minimum of four different techniques. Exhibit may use cupcakes OR cupcake forms.
- Exhibit a single layer decorated cake, using a minimum of four different techniques. Exhibit may use cake OR cake form.

4-H Project Report

4 photos or slideshow (max 10 slides). Images to include: : image showing entire decorated item, image of decorating technique #1, image of decorating technique #2, image of decorating technique #3. etc.

Visual Arts Food Decorating Intermediate (SF 50333)

Exhibit one of the following:

- Exhibit four decorated cookies, using a minimum of five Level 2 techniques. Exhibit may use cookies OR cookie forms.
- Exhibit four decorated cupcakes, using a minimum of five Level 2 techniques. Exhibit may use cupcakes OR cupcake forms.
- Exhibit a single layer or two-layer cakes, using a minimum of five Level 2 techniques. Exhibit may use cake OR cake form.

4-H Project Report

5 photos or slideshow (max 10 slides). Images to include: : image showing entire decorated item, image of decorating technique #1, image of decorating technique #2, image of decorating technique #3. etc.

Visual Arts Food Decorating Advanced (SF 50334)

Exhibit a decorated, stacked and/or tiered cake, using a minimum of four Level 3 techniques. Exhibit may use cake OR cake form.

4-H Project Report

4 photos or slideshow (max 10 slides). Images to include: : image showing entire decorated item, image of decorating technique #1, image of decorating technique #2, image of decorating technique #3. etc.

Visual Arts Food Decorating Master (SF 50335)

Exhibit to include a one-page written description of your project, including goals, plans, accomplishments, and evaluation of results. Include up to four pictures of your accomplishments **AND** exhibit an original design decorated cake using more than five techniques. Exhibit may use cake OR cake form.

4-H Project Report and 1 page documentation required above

6 photos or slideshow (max 10 slides). Images to include: : image showing entire decorated item, image of decorating technique #1, image of decorating technique #2, image of decorating technique #3. etc.

Visual Arts Chalk/Carbon/Pigment: Enter the division based on the type of material on which the art was created.

Division A: Canvas, Paper, Glass: (SF 50336)

Any original art work done with pencils, chalk, pens, ink, paint, charcoal, dyes, etc. on canvas, paper, or glass. This would include all painting, sketching, drawing, cartooning, printing, etc. Painted and/or glazed pre-formed ceramics and painted porcelain dolls are not eligible for State Fair exhibit. Drawings and paintings should be matted or framed under glass. (Exceptions: Oil and acrylic paintings do not require glass and are not required to be matted.) Water color, chalk, pen & ink, computer-generated art, etc. do require some protective covering. Gallery frames are acceptable. Canvas paintings that continue "over the edges" are acceptable without frames; however, the piece must still be prepared for hanging. Matted pieces without frames are acceptable, however the piece must be prepared for hanging OR it must include a photo of the artwork being displayed in a non-hanging manner. There is no specific requirement for the type of mat used.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Division B: Wood, Metal, Textiles: (SF 50352)

Any original art work done with pencils, chalk, pens, ink, paint, charcoal, dyes, etc., on wood, metal, or textiles. Painted and/or glazed pre-formed ceramics and painted porcelain dolls are not eligible for State Fair exhibit. Any exhibits created as a piece of wall art must be prepared for hanging.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Visual Arts Clay: (SF 50337)

Any original item made of clay; may be fired or unfired, hand formed or thrown on a wheel. Self-hardening clays are fine. Fire/oven-cured and cornstarch clay could be accepted. Items can include, but are not limited to, clay statues, bowls, jewelry, etc. Pre-formed ceramics are not eligible for State Fair exhibit.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Visual Arts Computer-Generated Art: (SF 50338)

Any original art created in any software package. Exhibit may not include scanned work, clip art, downloaded images from the internet, any imported image, or photographs. All pixels must be original. Photo mosaics are NOT allowed. Exhibitors in this class (like all other classes in this sub-section) must be enrolled in Visual Arts; Computer project enrollment is not required. NOTE: Wood and metal exhibits created through the use of laser cutting programs/devices should be entered in this class. Plastic exhibits with an artistic focus created using a 3-D printer should be entered in this class. If the art created is designed to hang, then the entry should have some protective covering, such as a glass frame, and prepared for hanging. If the art is something that has been created with a laser cutting program/device and is NOT designed to hand, it does not require protective covering nor does it need to be prepared to hang.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Visual Arts Fiber: (SF 50339)

Any original item made of fiber. Examples are quilts, fabric collage, soft sculpture, stitchery, weaving, embroidery, cross-stitch, wearable art, hooking, braiding, duct tape artistry, and baskets. **Original** cross-stitched, knitted, crocheted or quilted items belong in this Fiber class. **Non-original** cross-stitched, knitted, crocheted or quilted items should be entered in Heritage Arts. Machine knitted items are not appropriate for this class.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Visual Arts Fiber Non-Original AGES 8-10 ONLY: (SF 50350)

Any non-original item made of fiber. Examples are fabric collage, soft sculpture, stitchery, weaving, embroidery, cross-stitch, crocheting, knitting, weaving, hooking, and felting. Exhibitors may use a pattern and/or an idea generated from another source.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Visual Arts Glass/Plastic: (SF 50340)

Any original item made of glass or plastic. Possible items to exhibit include stained glass, etched glass (original design), mosaics made of glass, glass beading, plastic jewelry (friendly plastic). Interlocking building block creations (i.e. LEGOS) are not suitable for State Fair entry. Stepping stones or wall hangings that include cement decorated with glass or plastic items are not suitable for this class.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Heritage Arts: (SF 50341)

Exhibit an item of **traditional** art learned from another person or **from a pattern** (NO KITS) may be entered in this class. Non-original cross-stitched, knitted and crocheted items by pattern fit in this class. ALL ORIGINAL cross-stitched, knitted and crocheted items should be exhibited in Fiber Arts; (machine knitted items ARE NOT acceptable for this class.) Other possibilities include: needlepoint, counted cross-stitch, crewel, embroidery, cut work, hardanger (embroidery openwork), macramé, baskets, candles, pysanki (decorated eggs), leather, quilts, baskets (made using a traditional pattern), traditional handmade dolls with handmade costumes, or candles. No machine quilting allowed in Heritage Arts. Exhibitors must also bring 1) the pattern or a copy of the pattern they used to create their traditional art; and 2) a description of the traditional origins of their art choice.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Visual Arts Leather: (SF 50321)

Exhibit one of the following options using leather.

- Leather: Stamping: Exhibit should utilize one or more stamping techniques – exhibit examples include items such as belt; coasters; bookmark; key chain; wrist bracelet.

- Leather: Carving or Tooling: Exhibit should use simple swivel knife tooling techniques or may incorporate several swivel knife-tooling designs or patterns – exhibit examples include items such as belt; pictorial carving; key case.
- Leather: Lacing: Exhibit to include stamping and/or carving techniques incorporated with lacing techniques – exhibit examples include items such as wallets; purses; etc.
- Leather: Stitching: Exhibit may include stamping; carving and/or lacing techniques and should be a leather item or article of apparel, which incorporates hand-sewing techniques.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Visual Arts Metal: (SF 50342)

Any original item made of metal such as sculpture, tin punch, engraved metal, and jewelry. Items intended for industrial use (as tools and/or shop items) are not considered part of this Visual Arts project and are not eligible for entry. Metal items that have been partially or totally created through the use of laser cutting programs/devices should be entered in Computer-Generated Art.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Visual Arts Nature: (SF 50343)

Any original item made of natural material such as wreaths, cornhusk dolls, etc. Items should be made of natural materials (which may be purchased) but securing elements such as glue and wire may be used in the inner construction as long as they do not detract from the overall "natural" appearance. Articles such as dried pressed flowers may be displayed under glass since it is necessary for protection/preservation of the natural materials. Candles are not suitable as entries. All baskets should be entered in Heritage Arts.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Visual Arts Paper: (SF 50344)

Any original item made of paper. Examples could include origami; greeting cards; paper-cut designs, paper mache, hand-made paper, paper collage, paper models of architecture, quilling, etc. Paper twist articles, made from directions in craft books and stores ARE NOT original and are not appropriate for this class. Scrapbooks should be exhibited in Visual Arts Scrapbooking.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Visual Arts Scrapbooking, Beginning: (SF 50345)

Exhibit one album or notebook, either 8 ½" x 11" or 12"x12", with a front and back cover. The album/notebook must have a minimum of 4 pages (front and back, 8 sides), exhibited in page protectors. "Embellishments" are defined as the decorations or special details and features that add to a page and make it more visually appealing. Embellishments may include, but are not limited to, ribbon, clips, special lettering, etc. Beginners must use a minimum of four embellishments and tell a story with pictures.

4-H Project Report.

5 photos: image of album/notebook cover, four image each showing two pages opened flat. Optional: 3 photos of additional pages.

Visual Arts Scrapbooking, Intermediate: (SF 50346)

Exhibit one album or notebook, either 8 ½" x 11" or 12"x12", with a front and back cover. The album/notebook must have a minimum of 4 pages (front and back, 8 sides), exhibited in page protectors. "Embellishments" are defined as the decorations or special details and features that add to a page and make it more visually appealing. Embellishments may include, but are not limited to, ribbon, clips, special lettering, etc. Intermediate level exhibitors must use a minimum of eight embellishments and tell a story with pictures and journaling.

4-H Project Report.

5 photos: image of album/notebook cover, four image each showing two pages opened flat. Optional: 6 photos of additional pages.

Visual Arts Scrapbooking, Advanced: (SF 50347)

Exhibit one album or notebook, either 8 ½" x 11" or 12"x12", with a front and back cover. The album/notebook must have a minimum of 4 pages (front and back, 8 sides), exhibited in page protectors. "Embellishments" are defined as the decorations or special details and features that add to a page and make it more visually appealing. Embellishments may include, but are not limited to, ribbon, clips, special lettering, etc. Advance level exhibitors must use a minimum of 12 embellishments and tell a compelling story with pictures, journaling, and other media.

4-H Project Report.

5 photos: image of album/notebook cover, four image each showing two pages opened flat. Optional: 12 photos of additional pages.

Visual Arts Three-Dimensional Design/Mixed Media: (SF 50348)

Art pieces in this class must be comprised of **at least three different media**. No one medium can make up more than 40% of a piece. The piece should **be either freestanding or should be prepared to be hung**. It must be observable on at least three different sides. Originality and design are important concepts. Craft and preformed or assembled projects are not acceptable.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Visual Arts Wood: (SF 50349)

Any original item made of wood (wood carving, sculpture, collage, wood burning, etc.). Utilitarian wood items made from patterns or kits (e.g. outdoor or indoor furniture, shelves) should be entered in woodworking, not in visual arts. Popsicle stick crafts are not acceptable for State Fair entry. Wood items that have been partially or totally created through the use of laser cutting programs/devices should be entered in Computer-Generated Art. All Visual Arts Wood exhibits **MUST** have an artistic element that the exhibitor can explain. Furniture built by the exhibitor aligns with the Woodworking project area – unless the element to be judged is wood carving or wood burning that is one element of the exhibit. Exhibits will be judged using a Visual Arts Rubric and not a woodworking construction rubric.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Visual Arts Ready4Life Challenge: (SF 50351)

Open to 11- to 18-year-olds enrolled in any Visual Arts project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

WEATHER

Each county may submit 1 entry total 50392, 50393, 50394; and 1 entry from 50395.

Weather and Climate Science I (SF 50392)

Exhibit any product or display illustrating an activity from the book. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games,

apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Weather and Climate Science 2 (SF 50393)

Exhibit any product or display illustrating an activity from the book. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Weather and Climate Science 3 (SF 50394)

Exhibit any product or display illustrating an activity from the book. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Weather Ready4Life Challenge (SF 50395)

Open to 11- to 18-year-olds enrolled in any Weather and Climate project.

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging

criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

WELDING

Each county may submit 2 entries total from 50353; and 1 entry from 50355.

Welding (SF 50353)

This exhibit class is open to members who are in the 7th grade and higher. Exhibit one Arc weldment/item demonstrating the skill level of the exhibitor. Members new to the project should consider selecting a weldment from the suggested *Weldment List* found on page 43 of *Arcs and Sparks* (4-H 573 – Shielded Metal Arc Welding). **This class is for industrial welding only.** (Members that wish to use welding to create objects with an artistic appeal should consider enrolling in the 4-H Visual Arts project and consider entering those types of exhibits in the Visual Arts – Metal class.) Exhibits must be portable and cannot be exhibited on a trailer.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Welding Ready4Life Challenge (SF 50355)

(Open to 11- to 18-year-olds enrolled in any Welding project)

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

WOODWORKING

Each county may submit 2 entries total from 50357, 50358, 50359, 50360; and 1 entry from 50362.

Woodworking 1 (SF 50357)

Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable and cannot be exhibited on a trailer.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Woodworking 2 (SF 50358)

Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable, and cannot be exhibited on a trailer.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Woodworking 3 (SF 50359)

Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable, and cannot be exhibited on a trailer.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Woodworking 4 (SF 50360)

Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable, and cannot be exhibited on a trailer.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

Woodworking Ready4Life Challenge (SF 50362)

Open to 11- to 18-year-olds enrolled in any Woodworking project

Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business

fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

4-H Project Report.

3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.