

Come and join us for our 4-H

REGIONAL SHOWCASE



August 16, 22, 23

DuQuoin State Fairgrounds
655 Executive Dr, DuQuoin, IL 62832

Open to:

4-H members in Illinois Extension Southern Region

Register by July 25
go.illinois.edu/RegionalShowcase



Illinois Extension
UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

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Southern Region 4-H Showcase

The Regional Showcase will provide an additional avenue for 4-H youth in the southern 49 counties to showcase their projects. This event will not be eligible for APF funds and is not meant to be done in lieu of the Illinois State Fair.

ENTRY INFORMATION/DEADLINES

- Registration Opens May 1, 2025
 - go.illinois.edu/regionalshowcase
 - 3 general project entries allowed per member
 - 1 livestock animal per class allowed
- Registration Closes July 25, 2025

SHOW SCHEDULE

Saturday, August 16, 2025 Southern Region Showcase, General Projects

Check In	9 a.m.
Show Starts.....	9:30 a.m.
<i>* Show at DuQuoin State Fairgrounds Exhibition</i>	
Award Ceremony.....	12 p.m.

Friday, August 22, 2025 Southern Region Showcase, Livestock ** free parking

Check In.....	11 a.m.
<i>*DuQuoin State Fair Open Air Horse Stalling Barn</i>	
Goat and Sheep Show.....	1 p.m.
<i>*Show at the DuQuoin State Fair Open Air Horse Stalling Barn</i>	
Swine Weigh In	4 p.m.
<i>*Weigh-in at the DuQuoin State Fair Barn #</i>	
Swine Show.....	6 p.m.

Saturday, August 23, 2025 Southern Region Showcase, Livestock

**** \$10 parking fee per vehicle**

Beef and Dairy Check-in.....	8 a.m.
Beef Show.....	9 a.m.
<i>*Show at the DuQuoin State Fair Open Horse Stalling Barn</i>	
Dairy Show.....	11 a.m.
<i>*Show at the DuQuoin State Fair Barn #</i>	

****A waiver has been received from the Department of Agriculture waiving the 72-hour livestock rule. Livestock will be allowed to come in and an out in one day as long as the show schedule allows.**

UNIVERSITY OF ILLINOIS NONDISCRIMINATION STATEMENT

The commitment of the University of Illinois to the most fundamental principles of academic freedom, equality of opportunity, and human dignity requires that decisions involving students and employees be based on merit and be free from invidious discrimination in all its forms.

The University of Illinois will not engage in discrimination or harassment against any person because of race, color, religion, sex, national origin, ancestry, age, order of protection status, genetic information, marital status, disability, sexual orientation including gender identity, unfavorable discharge from the military or status as a protected veteran and will comply with all federal and state nondiscrimination, equal opportunity and Civil Rights laws, orders, and regulations. This nondiscrimination policy applies to admissions, employment, access to and treatment in the University programs and activities. University complaint and grievance procedures provide employees and students with the means for the resolution of complaints that allege a violation of this Statement. Members of the public should direct their inquiries or complaints to the appropriate equal opportunity office. (Revised June 24, 2010)

For additional information or assistance with equal opportunity policies in program and employment of University of Illinois Extension, please contact the Affirmative Action Officer, 111 Mumford Hall, 1301 West Gregory, Urbana, IL 61801, 217-333-5900.

If you need reasonable accommodation to participate in this program, call 618-327-8881. Early requests are strongly encouraged to allow sufficient time to meet your access needs.

POLICIES

MEMBERSHIP

- The club year is September 1 through August 31.
- Any youth who is at least 5 years of age but has not yet turned 19 years of age on September 1 of the current 4-H year can be a member.

ENROLLMENT

- Exhibitors must be currently enrolled as 4-H members. Exhibitors must be currently enrolled in the project in which they are exhibiting during the current 4-H year. Please check with your county's Extension staff for specific information.

PROJECT JUDGING AND RECOGNITION

- Conference judging is used for judging most exhibits. This is a one-on-one discussion between the 4-H member and the judge of that project area. The judge will ask the member questions about their project. For example, the judge may ask:
 - Why did you do it this way?
 - What did you like about what you made?
 - What changes would you make to your 4-H project?
- The judge's decisions are final.
- All judging score sheets can be found under their specific project areas on the Illinois 4-H Website: <https://4h.extension.illinois.edu/events/state-events/illinois-state-fair>
- Parents/guardians/friends will not be allowed in the judging area.
- Ribbons and special awards will be given at specialty shows based on quantity of entries and at the discretion of the judge. If exhibits are not of exceptional quality, the judge is not required to promote exhibits.

GENERAL SHOW EXHIBIT GUIDELINES

- 4-H members should dress appropriately according to the Illinois 4-H Code of Conduct.
- Exhibits illustrating inappropriate subject matter and/or graphics are not acceptable. Extension staff reserve the right to remove exhibits deemed inappropriate or dangerous for youth audiences. The content of any 4-H competitive presentation does not necessarily reflect the beliefs or views of University of Illinois Extension, 4-H, or the Illinois State Fair.
- Some exhibit areas may have size limitations. Keep in mind that members exhibiting might not have easy access for unloading and will need to carry their projects to the show location.

- No equipment will be provided for any exhibits. Exhibitors should be aware that electrical outlets and internet availability are not always located near judging locations and should take that into consideration when bringing exhibits.
- All exhibits must be shown by the exhibitor.
- Extension staff reserve the right to make changes, as necessary.
- The 4-H program is based on progressive learning; members should compete at the highest level based on his/her experience and skill.
- All exhibits must be a product of the current 4-H program year (Sept. 1-show date).

ENTRIES

- Entries should be completed online at go.illinois.edu/regionalshowcase. If a member does not enter their exhibit classes by the posted deadline, they will not be eligible to show.

ILLINOIS 4-H CODE OF CONDUCT

The opportunity to participate in or attend 4-H activities is a privilege and not a right. All 4-H participants – youth, families, volunteers, and Extension staff – who participate in or attend any activity or event sponsored by the University of Illinois Extension 4-H Youth Development Program are expected to uphold the values of the Illinois 4-H program and conduct themselves according to the following standards. These standards also apply to online 4-H activity, including social media and internet presence.

1. **Create a Welcoming Environment for All.** Encourage everyone to fully participate in 4-H. Recognize that all people have skills and talents that can help others and improve the community. Though we will not always agree, we must disagree respectfully. When we disagree, try to understand why. Our first priority is to create a safe, inclusive space for learning, sharing and collaboration that is welcoming to people from diverse backgrounds, cultures, and perspectives. Diversity includes, but is not limited to: race, color, religion, political beliefs, national or ethnic origin, immigration or citizenship status, sex, gender identity and expression, transgender status, sexual orientation, age, marital or family status, educational level, learning style, pregnancy, physical appearance, body size, and individuals with disabilities.
2. **Bring Your Best Self.** Conduct yourself in a manner that reflects honesty, integrity, self-control, and self-direction. Accept the results and outcomes of 4-H contests with grace and empathy for other participants. Accept the final opinions of judges and evaluators. Be open to innovative ideas, suggestions, and opinions of others.
3. **Obey the Law.** Obey the laws of the locality, state and nation and U of I and Extension policies and guidelines. Commit no illegal acts. Do not possess, offer to others, or use alcohol, illegal drugs, or tobacco products which include e-pens, e-pipes, e-hookah, e-cigars, JUULs, vapes, vape pens or other electronic nicotine delivery systems. Do not possess or use weapons or firearms except as expressly permitted as part of supervised 4-H shooting sports programming. Do not attend 4-H activities under the influence of alcohol or illegal substances.
4. **Honor Diversity – Yours and Others.’** Respect and uphold the rights and dignity of all persons who participate in 4-H programs.
5. **Create a Safe Environment.** Do not carelessly or intentionally harm or intimidate anyone in any way (verbally, mentally, physically, or emotionally). Do not engage in romantic displays or sexual activities in either public or private situations. Be kind and compassionate toward others. Do not insult, harass, or bully others or engage in other hostile activities. Be considerate and courteous of all persons and their property.
6. **Be a Team Player.** Work cooperatively with all individuals involved in 4-H programs and activities. Be responsive to the reasonable requests of the person in charge. Respect the integrity of the group and the group’s decisions.
7. **Humane Treatment of Animals.** Treat animals humanely and teach 4-H youth to provide appropriate animal care.
8. **Participate Fully.** Participate in and contribute to planned programs, be on time and follow through on assigned tasks/responsibilities in a manner that fosters the safety, well-being, and quality of the educational

experience for self and others. Have fun!

9. **Watch What You Wear.** Use good judgment. Wear clothing suited for the activity in which you will participate. Dress in a manner that is respectful to yourself and others. Clothing that displays or promotes violence, obscenity, illegal activities, discrimination, or intimidation is prohibited. Do not wear revealing clothing, such as short skirts or shorts, midriff-baring tops, or anything showing undergarments.
10. **Be a Positive Role Model.** Act in a mature, responsible manner, recognizing you are role models for others and that you are representing both yourself and the University of Illinois Extension 4-H Youth Development Program. Be responsible for your behavior, use positive and affirming language, and uphold exemplary standards of conduct at all 4-H activities.

Extension Staff have the right to take disciplinary action if any member does not abide by the Code of Conduct.



GENERAL PROJECTS EXHIBIT GUIDELINES

Copyright Guidelines: A Tip Sheet for Preparing Your 4-H Project Exhibit

Important Reminder: While creative expression is important and valued, it is illegal to reproduce a trademark or likeness you do not own or have not received permission to use. This is called copyright protection. It is similarly illegal for youth to use an image or brand that someone else owns as part of their 4-H project exhibit without the permission of the copyright/trademark holder.

Use of the 4-H Name and Emblem

Chartered 4-H clubs and enrolled 4-H members are authorized to use the 4-H Name and Emblem. This includes permission for an enrolled 4-H member to use the 4-H name and emblem in exhibits you create for personal use and as part of 4-H sponsored events. This includes 4-H decorated cookies, a 4-H clover printed for use in a scrapbook, etc.

Please note: Any use of the 4-H name and emblem on items intended as gifts or for sale require prior permission using [the form linked here](#). This should be signed by the Extension Director in your county. Any uses of the 4-H name and emblem for sale or promotion online, and/or in statewide events should be signed by the Illinois 4-H Director (Illinois4H@illinois.edu)

Use of the green clover shaped image is not protected. The 4-H “emblem” is distinguished by the four H’s that signify Head, Heart, Hands and Health. No creative rendering, change in color or shape of the official 4-H emblem is allowed. Approved 4-H emblem and details can be found at <https://go.illinois.edu/CloverResources>

Use of other copyright materials

- Youth cannot feature a trademarked character, image, logo in their art without permission from the owner. Everything that is current or popular is trademarked. Examples include:
 - No Mickey Mouse ears or popular characters as cake decorations
 - No painting of school logos (except with written permission) on wood items
 - No company logos, etc. embroidered or quilted on fabric
- Youth CAN use legally sourced branded items as part of their exhibit. Youth **may NOT** replicate a company’s logo, character, branding as part of their exhibit. Huh?
 - They can use Disney art embellishments in their scrapbook project if they purchased the embellishments from a licensed source; they cannot create their own
 - They could use the tailgate of a Ford pickup as part of their woodworking project because the truck was legally created by Ford; they could NOT paint the same logo on the woodworking project.
 - They could add plastic characters they bought on a cake, but they could not recreate the same character with fondant.
- Even military emblems are protected by copyright. Some are allowed; others not.
<https://dod.defense.gov/Portals/1/Documents/Trademarks/DOD%20Guide%20about%20use%20of%20seals%20logos%20insignia%20medals-16%20Oct%2015F.PDF>

Frequently Asked Questions:

Question: Can I create fan art depicting copyrighted characters drawn as illustrated (example Mickey Mouse in a scene from Fantasia)?

Answer: This is never allowed without permission of the trademark owner (Disney, Marvel, etc.)

Question: Can I create fan art depicting copyrighted characters in imagined scenes (Black Panther doing something but it’s not a movie scene)?

Answer: No, this is never allowed without permission of the trademark owner (Marvel) regardless of the real or imagined scene. There would have to be substantial “transformation” of the character to be allowed.

Question: What does “substantial transformation” mean?

Answer: This is where your creativity can shine! This means while you draw inspiration from a copyrighted work, you also change the purpose, look and/or feel. An example from above could mean taking the scene of Mickey Mouse in Fantasia and recreating it as a mosaic. Or reimagining Black Panther in an Impressionist look and feel.

Try asking yourself, “did I recreate/reproduce the original work to illustrate my skill, or was I inspired by the original work to create something new and different?”

Question: Can I create depictions of famous people (an art depiction of Mariah Carey for example)?

Answer: The exhibitor would need permission of the copyright owner of the PHOTO they used to paint Mariah. This is the main hang-up in using a celebrity’s image. The private use of their own photo of Mariah is allowed if they are not profiting from its use, the likeness does not negatively impact the celebrity, their privacy was not violated to get the photo.

General Project Exhibit Guidelines by Project Area

50130 – Model Rocketry

(Open to youth in Aerospace 1, 2, 3 and 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 rocket will not be launched. Attach the printed directions for construction of the rocket if any were used.

50131 – Aerospace Display

(Open to youth in Aerospace 1, 2, 3 and 4)

Prepare a display related to the aerospace project that 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 that 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.

ANIMAL SCIENCE

(For youth enrolled in Beef, Cat, Dairy Cattle, Dog, Horse, Goat, Poultry, Rabbits, Sheep, Small Pets, and Swine. Youth participating in the Animal Science General Project Show are not required to complete QAEC or YQCA.)

50133a – Animal Science 1

(For youth enrolled in an Animal Science project for 1-2 years)

Prepare a display focusing on any activity related to an animal project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but is not 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.

50133b – Animal Science 2

(For youth enrolled in an Animal Science project for 3 or more years)

Prepare a display focusing on any activity related to an animal project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but is not 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.

BABYSITTING

50141a - Babysitting Display

Prepare a display that demonstrates the skills and knowledge you have gained studying babysitting. Topics might include, but are not limited to, selecting age-appropriate toys and activities, explaining child behavior, or recognizing child safety concerns. The exhibit may include, but isn't limited to, original works, objects,

demonstrations, digital presentations, programs, websites, games, apps, performances, or posters that 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.

50141b - Babysitting Video Tutorial

Create a short (1-5 minute) tutorial video intended for internet publishing that teaches the general public about a topic you learned about in your project learning. Topics for the tutorial video might include, but are not limited to, preparing healthy snacks for kids, looking for hazards in the home, things to avoid when selecting toys for kids, age-appropriate games or activities to use when babysitting, how to change a diaper, basic child first aid, etc.

As part of the video, youth must cite the sources of the information they present (either vocally or on screen as text). Videos should not include video or photo content not recorded by the 4-H'er. Videos should not promote any products and should follow all copyright guidelines. Videos in this category will be judged on the quality and accuracy of the information shared, as well as clarity of presentation, and how engaging they are to a general audience (not on filmmaking techniques).

Youth should have a signed model release for anyone appearing in the video besides themselves, and those should be brought to judging. Forms are available at go.illinois.edu/modelrelease.

You must furnish any equipment you need to show your video to the judge (laptop, tablet, etc.). Internet service is not guaranteed, so please have a hard copy of the video downloaded to your device to play. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. All Exhibitors should also bring a copy of their video to be judged on a USB flash drive and saved in .MP4 format as a backup. In order for something to be on display at your local fair or show, fill out the video information sheet and bring it with you to judging: go.illinois.edu/4HBabysittingVideo. Note: While exhibitors are encouraged to post their video on www.YouTube.com in advance of the fair, they are not required to do so. If they choose to upload to YouTube they may choose whether to make the video "public" (the video is searchable on the site), or "public, unlisted" (someone must have the link to view it). This will allow fairgoers to view the exhibits on display. Youth ages 13 to 17 should only be posting content to the internet with parental permission. Youth under 13 would need their parents to post the video for them.

CIVIC ENGAGEMENT

Due to space restrictions, Civic Engagement exhibits are limited to 36" x 48" and 15" deep.

50145 – Civic Engagement 1

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.

50146 – Civic Engagement 2 - Citizenship: Level 2 – My Neighborhood – Required

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).

50147 – Civic Engagement 3 - Citizenship: Level 3 – My Community and Me – Required

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.

50148 – Civic Engagement Group Exhibit

(Open to groups whose members are enrolled in any Civic Engagement project)

Exhibit a display illustrating how your group led a service project in your community. 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 no more than 10 4-H members at the time of the judge's critique. Groups wishing to include more than 10 members must ask for accommodation one week prior to judging. Group members should make a 5- to 10-minute presentation to the judge. All group members present for the judge's critique should be able to discuss the project and answer questions. Only group members present for judging who participate in the actual critique and presentation are eligible for ribbons and premiums.

CLOTHING AND TEXTILES

Costume Design & Clothing Embellishment

All exhibits entered in the Costume Design & Clothing Embellishment projects will be judged based on their creativity, planning, and execution. 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 created for another individual, that person can come to judging to model the outfit, or photos of that person in the outfit can be supplied. (Only the exhibitor who made the garment is eligible for ribbon and premium.) 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 (preferably with a safety pin and string), not to the hanger. Garments may be worn before exhibiting but should be in good, clean condition. Both projects require youth to complete a project workbook and bring it to judging.

All clothing projects in these categories should follow copyright guidelines. See project resource guides for additional details.

Costume design members wishing to be judged primarily on the sewing construction techniques and fit of their costume should consider entering the Sewing projects instead of costume design. The level to be entered will depend on the sewing techniques used.

COSTUME DESIGN

Costume Design - Costume Design Workbook – Required

Exhibit one costume, created by the member. The costume may contain multiple items. The costume may include supporting accessory pieces (shoes, jewelry, hats, etc.) that complete the look. Accessory items will not remain on display. If the member created any prop weapons as part of their costume (e.g. swords, firearms, bows, etc.) they may not bring them to judging. Those props can be included in the photographs of the completed look in the Illinois 4-H Costume Design Workbook. Bring a completed copy of the Costume Design Workbook (go.illinois.edu/4HCostumeWorkbook) to show your project journey. Youth should enter the class that aligns with their experience with costume design in any form (including outside of 4-H).

50157a - Costume Design Beginner – For members with 2 or less years of experience in costume design (including this year)

50157b - Costume Design Advanced – For members with 3 or more years of experience in costume design (including this year)

CLOTHING EMBELLISHMENT

Clothing Embellishment - Clothing Embellishment Workbook – Required

Exhibit one look or outfit, consisting of no more than three coordinated pieces that have been embellished with 1 or more clothing embellishment techniques. Bring a completed copy of the Clothing Embellishment workbook (go.illinois.edu/4HEmbellishmentWorkbook) to show your project journey. No accessory items (such as shoes, jewelry, hats, etc.) should be brought to judging (they can instead be used in the final look photos in the project workbook). Youth should enter the class that aligns with the technique(s) used in their outfit).

50158a - Clothing Embellishment Applied

Decoration is attached by gluing, fusing, or painting. Examples: jewels, puff paints, appliqués, tie dye.

50158b - Clothing Embellishment Stitched

Decoration is hand-or machine-stitched. Examples: machine or hand sewing, such as adding a collar or skirt, appliqué, satin stitch, embroidery, quilting, beading, knitting or crochet (4-H'er does not need to create the knit or crochet piece themselves, it could be purchased or made by others but attached by the 4-H'er).

50158c - Clothing Embellishment Combination

Decoration includes any combination of both applied and stitched techniques across the outfit.

Sewing 1-3

All exhibits entered in Sewing 1-3 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 Visual Arts Fiber Non-Original AGES 8-10 ONLY (if made from a pattern and youth is ages 8-10). Youth over age 10 who use a pattern should enroll in Visual Arts Heritage Arts. We strongly encourage youth interested in pursuing quilting to enroll and exhibit in the Visual Arts Quilting project area. Youth may still exhibit quilts in any level of Sewing as a "Sewn Non-Clothing" item, but these quilts will be judged using the Sewing rubric that evaluates the sewing skills and construction of the item. If exhibiting quilts in the Sewing area, 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.

Sewing 1 – FUNDamentals - STEAM Clothing 1: FUNDamentals – Required

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

50151a – Non-Sewn Exhibits

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 the 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. The exhibition should include PHOTOS, NO actual PILLOWS.

50151b – Sewn Non-Clothing Exhibits

Exhibit one of the following:

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

50151c – Sewn Clothing Exhibits

Exhibit one of the following:

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

Beginning Sewing Exhibits – exhibits in Sewing 1 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. We strongly advise youth do not select fabrics with plaid or stripe patterns as judges will expect stripes to match at seams, which is a more advanced-level skill. NO NAPPED or JERSEY KNIT fabric. Patterns should be simple WITHOUT DARTS, SET-IN SLEEVES, and COLLARS. Raglan and loose flowing sleeves are acceptable.

Sewing 2 - Simply Sewing – STEAM Clothing 2: Simply Sewing – Required

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

50152a – Non-Sewn Exhibits

Exhibit one of the following:

- **Clothing Portfolio** – Complete at least four different samples/activities from Chapters 2, 3 AND/OR 4 of the project manuals. 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 Sewing 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 the 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 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.

50152b – Sewn Non-Clothing Exhibits

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 the exhibitor should be able to identify the skill used. A before picture and a description of the redesign process must accompany the exhibit. Clothing accessories may include hat, bag, scarf, belt, etc.
- **Non-Clothing item OR Clothing Accessory** – Create a non-clothing item or clothing accessory using at least one skill learned in this project. The exhibitor should be able to identify the skill used.

50152c – Sewn Clothing Exhibits

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.

Sewing 3 - A Stitch Further - STEAM Clothing 3: A Stitch Further – Required

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

50153a – Non-Sewn Exhibits

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 8½” 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 Sewing 1 and/or STEM Sewing 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 the 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 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.

50153b – Sewn Non-Clothing Exhibit

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 the 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 non-clothing item or clothing accessory using at least one skill learned in this project. The exhibitor should be able to identify the skill used.

50153c – Sewn Clothing Exhibit

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. Examples are wool garment, dress, or jacket with set in sleeves and zipper or buttons and buttonholes, suites evening gown or sport outfit.

Shopping - Shopping in Style Digital – Required

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. For all levels of this project, participants should bring a garment to display and model for the judge.

Exhibit one of the following options that align with the Shopping in Style level:

50154 – Shopping in Style: Beginning (Levels 1 & 2)

Choose one of the following activities from Unit 1 or Unit 2 of the project book to exhibit:

- 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.
- 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.
- 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.

50155 – Shopping in Style: Intermediate (Levels 3 & 4) - Shopping in Style Digital – Required

Choose one of the following activities from Unit 3 or Unit 4 of the project book to exhibit:

- 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.
- Exhibit should include at least five pieces of clothing that the 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. Please bring at least one complete outfit from the selected clothing to display and model for the judge.
- 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.

- 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.

50156 – Shopping in Style: Advanced (Levels 5 & 6) - Shopping in Style Digital – Required

Choose one of the following activities from Unit 5 or Unit 6 of the project book to exhibit:

- 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.
- 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 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. The exhibitor should be prepared to demonstrate modeling skills and bring at least one garment to display and wear.

COLLEGE AND CAREER READINESS

50365 – Build Your Future - Build Your Future Notebook – Required

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.

COMMUNICATIONS

50368 – Communications 1, 2, 3 - Communications Module 1, 2 or 3 – Required

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 a section showcasing at least four additional activities per year.

50369 – Journalism, News & Social Media - Journalism, News & Social Media – Required

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, answering all the questions in the activities.
- **Year 2** – Results of doing a minimum of 5, 2-star activities, answering all the questions in the activities.

- **Year 3** – Results of doing a minimum of 5, 2-star activities. 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 two (2), 2-star activities and 3, 3-star activities. If the activities include making an audio or videotape, please contact the Extension Office at time of entry so that the proper equipment for viewing can be obtained.

COMPUTER SCIENCE

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.

50135 – Beginning Visual Programming

(Open to youth in Computer Science Visual Based Programming.)

Exhibit a simple program using Scratch (or other simple visual 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.

50136 – Intermediate Visual Programming

(Open to youth in Computer Science Visual Based Programming)

Exhibit a program using Scratch (or other simple visual programming language) 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.

50137 – Advanced Visual Programming

(Open to youth in Computer Science Visual Based Programming)

Exhibit a video game you have created in Scratch (or other simple visual 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.

50138 – Website Design

(Open to youth in any Computer Science Project Area)

Exhibit an original website that you have designed using a programming language such as HTML (cannot be made with website builder like Wix or Squarespace). Internet access will not be provided, so exhibitors must supply their own internet hotspot, 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.

50139 – Text-Based/Open Source Computer Science

(Open to youth enrolled in any Computer Science or Robotics project.)

Demonstrate the skills and knowledge you have gained through the Computer Science project using a text-based programming language (Python, Java, C, etc.). The exhibit may include, but is not 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 applications 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 computer science programming. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Exhibits in this class must be able to fit on no more than a 3' x 2' space (or ground footprint).

CONSUMER EDUCATION

50166 – Entrepreneurship: Be the E! - Be the “E” Entrepreneurship Guide – Required

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

50168 – My Financial Future 1: Beginner - My Financial Future Beginner Youth Notebook – Required

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's 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.

50169 – My Financial Future 2: Advanced - My Financial Future Advanced Notebook – Required

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 of 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.

CREATIVE WRITING

50367 – Creative Writing

Submit one of the following. The entry is to be typewritten on 8 ½' x 11' paper and include the exhibitor's name. Entries must be original and **written for the 4-H project**. Stories should be double-spaced. If you want to be judged on the artistic aspects of your graphic novel, this project should be entered in Visual Arts: Chalk, Carbon, Pigment.

- **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.

COUNTY FAIR CREATIVE WRITING INSTRUCTIONS: Submissions are due prior to exhibition date to allow a judge adequate time to read the submissions and provide meaningful review. Please check with your local extension office for a specific county deadline.

STATE LEVEL CREATIVE WRITING INSTRUCTIONS: If promoted to state, follow the instructions below to submit your entry by August 1 to the State 4-H Office.

1. Members are strongly encouraged to upload their submission to the State Communications Box folder by August 1, prior to the beginning of the State Fair. Members need to include their name and county in the title of the file. Upload files to: <https://go.illinois.edu/StateFairSubmissions>.
2. Members are also required to bring a hard copy of their project to drop off the morning that their county is exhibiting at the state fair.

50371 - Poetry

Submit one of the following. The 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. Poems may be single-spaced. The entries should be submitted by August 1 to the state 4-H office.

- **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.

COUNTY FAIR POETRY INSTRUCTIONS: Submissions are due prior to exhibition date to allow a judge adequate time to read the submissions and provide meaningful review. Please check with your local extension office for a specific county deadline.

CROPS

50170 – Soybeans - Record Book – Required

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 available online at 4-H.illinois.edu, an FFA crops record, or similar information.

50171 – Corn - Record Book – Required

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 available online at 4-H.illinois.edu, an FFA crops record, or similar information.

50172 – Small Grains - Record Book – Required

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 available online at 4-H.illinois.edu, an FFA crops record, or similar information.

50173 – Crops Innovation Class

(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 is not limited to, original works, objects, demonstrations, digital presentation, 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.

J3101 – Grain Sorghum (*Open to Jefferson County 4-H members only)

(This project is not eligible for Illinois State Fair consideration.)

Exhibit six stalks with roots attached – washed and cleaned.

J3102 – Hay Pasture Production (*Open to Jefferson County 4-H members only)

(This project is not eligible for Illinois State Fair consideration.)

Exhibit one six-inch bundle of hay.

J3103 – Sunflowers (*Open to Jefferson County 4-H members only)

(This project is not eligible for Illinois State Fair consideration.)

Exhibit two stalks with roots attached – washed and cleaned.

DRONES: UNMANNED AERIAL VEHICLES/SYSTEMS

Choose one of the following classes based on your interest and skill level. Each Exhibitor must complete the first 2 sections, and at least 3 Real World Missions in the Quads Away Curriculum and display a completed mission logbook.

50375 – UAV Display - Unmanned Aerial Vehicles/Systems: Drones – Required

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 (see Aerospace Display).

50376 – UAV Unmanned Aerial Systems - Unmanned Aerial Vehicles/Systems: Drones – Required

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". A detailed build log with pictures, as well as a mission logbook must be included. 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. Attach the printed directions/instructions of the UAV if any were used.

ELECTRICITY

50177 – Electricity 1

(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. Projects using paper clips, cardboard, thumbtacks, and brads are not eligible for state fair exhibits in electricity. Members wishing to exhibit these types of projects should consider exhibiting in Junk Drawer Robotics 1 or 2.

50178 – Electricity 2

(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. Projects using paper clips, cardboard, thumbtacks, and brads are not eligible for state fair exhibits in electricity. Members wishing to exhibit these types of projects should consider exhibiting in Junk Drawer Robotics 1 or 2.

50179 – Electricity 3

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.

50180– Electricity 4

Exhibit any electronic or solid-state appliance. The exhibitor must be able to explain how the project was constructed, how it is to be used and how it works. When a project is being constructed, general safety and workmanship should be considered. All Electricity 4 projects must include a report explaining how the project was constructed, and principles for its operation.

ENTOMOLOGY: GENERAL

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. All displays should be comprised of non-living specimens properly prepared for display. Rules for pinning and labeling insects are available at the following site:

<https://extension.entm.purdue.edu/401Book/default.php?page=home>. Projects focused on Arachnids (Spiders) should be displayed in Nature: Natural Resources &* Outdoor Adventures in the Exploring Your Environment class.

50183 – Entomology 1 - Teaming With Insects 1 – Required

Exhibit 15-29 or more species representing four or more orders. The 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.

50184 – Entomology 2 - Teaming With Insects 2 – Required

Exhibit 30-59 or more species representing eight or more orders. The 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.

50185 – Entomology 3 - Teaming With Insects 3 – Required

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.

50186 – Entomology Display

(Open to youth enrolled Entomology 1, 2, or 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.

ENTOMOLOGY BEEKEEPING

Create an exhibit that shows the public what you learned in the beekeeping project this year. **Note:** No beehives may be exhibited. Honey moisture content will be measured at the State Fair for Level 2 & 3. 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 catalog [HillCo LLC Beekeeping Equipment Catalog](#)). 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's fair.*

50188 – Beekeeping 1

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 beehive
- Safe handling of bees
- Equipment needed by a beekeeper

50189 – Beekeeping 2

Exhibit one (1) of the following:

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

50190 – Beekeeping 3

Exhibit three (3) of the five (5) kinds of honey listed below (#1-5) or prepare an educational display about honeybees or beekeeping (#6).

- Extracted honey: Three (3) pint jars (glass, screw-top), holding 1 lb. of honey each.
- Chunk honey (comb in jar): Three (3) pint jars (wide-mouth, glass).
- Cut-comb honey: Three (3) 1lb. boxes (boxes are usually 4 ½ " x 4 ½ " in size)
- Comb honey: Three (3) sections (honey built by bees in frames of wood commonly called "sections") (boxes are usually 4 ½ " x 4 ½ " in size)

- Section honey: Three (3) sections of comb honey (in basswood boxes or Ross rounds); **OR**
- Prepare an educational display about honeybees or beekeeping.

ESPORTS

All exhibitors must complete all activities in the Illinois 4-H eSports Curriculum.

50378 – eSports - Illinois 4-H eSports Curriculum – Required

Compete in at least 1 ranked tournament online or in person (either as a team or solo) and fully document your progress throughout. Any game with a documentable bracket system, and at least 3 rounds counts. Be sure to include a description of the tournament, your match information, your win-loss record, and description of the game and platform being used to play the game (Ram requirements/capabilities of your machine, video card specs., etc.). Prepare a PowerPoint presentation describing your journey through eSports (including your 1 mandatory tournament), what you have learned about gaming/eSports, and why you think more youth should be involved. Also include a detailed description of your most important win, explaining your strategy in that victory. Be sure to include screenshots and video, if possible. Load your presentation to a USB drive. Must include a visual presentation.

EXPLORATORY

C0342 – Exploratory: Welcome to 4-H - Welcome to 4-H - Required

(This project is not eligible for Illinois State Fair consideration.)

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

- Windowsill gardening; OR
- 4-H animals; OR
- 4-H family; OR
- Coat of arms

C0343 – Collectibles - My Favorite Things (Collectibles) - Required

(This project is not eligible for Illinois State Fair consideration.)

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

FAMILY HERITAGE

50197 – Family Heritage

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 36" x 48" wide.

FOOD AND NUTRITION

4-H Cooking 101 - 4-H Cooking 101 – Required

Using the recipes included in the project manual (*which are also available at go.illinois.edu/Cooking101Recipes*). prepare an exhibit for **one** of the classes below. No icing should be on any products. **No ingredient additions or substitutions should be made to the recipes**, unless they are to accommodate food allergies, sensitivities or special diets (i.e. nut allergy, gluten intolerance, vegetarian/vegan diet, etc.). If you make changes to the recipe

due to the reasons listed above, bring a copy of the recipe with your changes and be prepared to discuss them with the judge. 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 (*and for download at go.illinois.edu/Cooking101Activity*). 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. Due to space limitations at State Fair, the size of the activity document should be no larger than an 8 ½" x 11" binder or folder.

- **Cereal Bars** (50200a) - 3 cereal marshmallow bars
- **Coffeecake** (50200b) - 1/4 of 8" square or round coffeecake
- **Cookies** (50200c) - 3 cookies

Youth interested in exhibiting a food item from the project book not listed above, making changes to the provided recipes, or exhibiting a display related to information in the project manual should investigate the Foods Innovation class.

4-H Cooking 201 - 4-H Cooking 201 – Required

Using the recipes included in the project manual (*which are also available at go.illinois.edu/Cooking201Recipes*), prepare an exhibit for **one** of the classes below. **No ingredient additions or substitutions should be made to the recipes**, unless they are to accommodate food allergies, sensitivities, or special diets (i.e. nut allergy, gluten intolerance, vegetarian/vegan diet, etc.). If you make changes to the recipe due to the reasons listed above, bring a copy of the recipe with your changes and be prepared to discuss them with the judge. Bread, biscuits, 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 (*and for download at go.illinois.edu/Cooking201Activity*). 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. Due to space limitations at State Fair, the size of the activity document should be no larger than an 8 ½" x 11" binder or folder.

- **Biscuits** (50201a) - 3 rolled biscuits
- **Scones** (50201b) - 3 scones
- **Nut Bread** (50201c) - 1/2 loaf (9" x 5") of basic nut bread (no variations)

Youth interested in exhibiting a food item from the project book not listed above, making changes to the provided recipes, or exhibiting a display related to information in the project manual should investigate the Foods Innovation class.

4-H Cooking 301 - 4-H Cooking 301 – Required

Using the recipes included in the project manual (*which are also available at go.illinois.edu/Cooking301Recipes*), prepare an exhibit for **one** of the classes below. 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. **No ingredient additions or substitutions should be made to the recipes**, unless they are to accommodate food allergies, sensitivities, or special diets (i.e. nut allergy, gluten intolerance, vegetarian/vegan diet, etc.). If you make changes to the recipe due to the reasons listed above, bring a copy of the recipe with your changes and be prepared to discuss them with the judge. 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. Copies of all experiments are available to download at go.illinois.edu/Cooking301Experiments. Bring a document with a printed picture of your experiment and the answers to the experiment questions to remain on display with your project. Due to space limitations at State Fair, the size of the experiment document should be no larger than an 8 ½" x 11" binder or folder.

- **Dinner Rolls** (50202a) - 3 dinner rolls
- **Yeast Bread** (50202b) - loaf of yeast bread
- **Tea Ring** (50202c) - 1 tea ring
- **Sweet Rolls** (50202d) - 3 basic sweet dough rolls
- **Cake** (50202e) - one layer of a rich white cake or rich chocolate cake, top side up (*without frosting*)

Youth interested in exhibiting a food item from the project book not listed above, making changes to the provided recipes, or exhibiting a display related to information in the project manual should investigate the Foods Innovation class.

4-H Cooking 401 - 4-H Cooking 401 – Required

Using the recipes included in the project manual (*which are also available at go.illinois.edu/Cooking401Recipes*), prepare an exhibit for **one** of the classes below. **No ingredient additions or substitutions should be made to the recipes**, unless they are to accommodate food allergies, sensitivities, or special diets (i.e. nut allergy, gluten intolerance, vegetarian/vegan diet, etc.). If you make changes to the recipe due to the reasons listed above, bring a copy of the recipe with your changes and be prepared to discuss them with the judge. 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? Due to space limitations at State Fair, the size of the activity document should be no larger than an 8 ½" x 11" binder or folder.

- **Focaccia Bread** (50203a) - 1/4 of a 15" x 10" loaf of focaccia bread (do not include dipping oil)
- **Pie Shell** (50203b) - one baked pie shell – traditional, oil, or whole wheat (no graham cracker)
- **Sponge Cake** (50203c) - 1/4 golden sponge cake, top side up, without frosting
- **French Bread** (50203d) - 1/2 loaf French bread

Youth interested in exhibiting a food item from the project book not listed above, making changes to the provided recipes, or exhibiting a display related to information in the project manual should investigate the Foods Innovation class.

Food Preservation

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.** Be sure to review all of the Food Preservation rules that follow the class list so you can follow all exhibit requirements.

- **Fruits/Vegetables** (50208a): The exhibit should include two different canned foods in appropriate jars for the products. Food may be fruit, vegetable, or tomato products (i.e., salsa, juice, etc.).
- **Freezing** (50208b): Prepare a nutrition display that illustrates a freezing principle. There is NOT a food exhibit option for this preservation method.
- **Drying** (50208c): Exhibit two (2) different dried foods packed in plastic food storage bags. Choose from fruit, vegetable, fruit leather or meat jerky.
- **Pickles and Relishes** (50208d): Exhibit two (2) pint jars of different recipes of pickles and/or relishes made from produce.
- **Jams, Jellies, and Preserves** (50208e): Exhibit two (2) half-pint jars of two different jams, jellies, and/or preserves.
- **Preservation Combination** (50208f): Exhibit two (2) different preserved food products from two different categories above, excluding Freezing, in appropriate jars/packaging (Drying). For example, exhibit 1 jar of tomatoes (Fruits/Vegetables) 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 <https://extension.illinois.edu/food/food-preservation>. Recipes must be processed in a water-bath or pressure canner. **Per the 4-H general show rules, entries must be produced (preserved) this 4-H year (between September 1, 2024 and August 31, 2025).**

All food preservation 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, 2025.
- Green beans, pressure canner. July 13, 2025.
- Beef jerky, food dehydrator and oven. July 13, 2025.

All food preservation 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 must be from an approved source. Those sources are:

- *PUT IT UP! Food Preservation for Youth* website or manuals
- National 4-H Home Food Preservation Project 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), a recipe from a family member or friend without a source, cookbooks (excluding the Ball, Kerr, Put It Up! and 4-H Home Food Preservation books).

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.

Youth interested in exhibiting a food item from the project book not listed above, making changes to the provided recipes, or exhibiting a display related to information in the project manual should investigate the Foods Innovation class.

The Chicagoland Food Science Foundation will be providing a \$50 Amazon Gift Card to the overall Food Science winner in each county.

50205 - Global Gourmet - Global Gourmet – Required

Prepare a display, digital presentation, or poster exhibit that demonstrates the knowledge and understanding gained through the completion of the Global Gourmet project. Your exhibit should include at least two activities to highlight what you learned from completing this project. Be ready to answer questions about how you shared the information you learned with others. Examples include talks and demonstrations and hosting or assisting with a workshop. Be sure to bring your completed project guide for others to see and for you to share as needed during the conference judging.

50206 - Kitchen Boss - Kitchen Boss – Required

Prepare a display, digital presentation, or poster exhibit that demonstrates the knowledge and understanding gained through the completion of the Kitchen Boss Gourmet project. Your exhibit should include at least two activities to highlight what you learned from completing this project. Be ready to answer questions about how you shared the information you learned with others. Examples include talks and demonstrations and hosting or assisting with a workshop. Be sure to bring your completed project guide for others to see and for you to share as needed during the conference judging.

50207 - Science Fun with Dairy Foods - Science Fun with Dairy Foods – Required

Prepare a display, digital presentation, or poster on one of the activities you completed from the manual. Share 1)

the topic 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. Be ready to answer questions about how you shared this information with others. Examples include talks and demonstrations and hosting or assisting with a workshop. Although it is not required, it is a good idea to bring your project guide for others to see and for you to share as needed during the conference judging.

50209 - Science Fun with Kitchen Chemistry - Science Fun with Kitchen Chemistry – Required

Prepare a display, digital presentation, or poster on one of the activities you completed from the manual. Share 1) the topic 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. Be ready to answer questions about how you shared this information with others. Examples include talks and demonstrations and hosting or assisting with a workshop. Although it is not required, it is a good idea to bring your project guide for others to see and for you to share as needed during the conference judging.

50204 - What's on Your Plate, Exploring Food Science 1-4 - What's on Your Plate? Unit 1-4 Youth Science Journal – (Choose appropriate Level) - Required

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.

50211 – Foods Innovation Class

(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 with 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.

FORESTRY

50212 – Forests of Fun 1 - Level 1: Follow the Path – Required

Exhibit any product or display illustrating an activity from the project 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 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.

50213 – Forests of Fun 2 - Level 2: Reach for the Canopy – Required

Exhibit any product or display illustrating an activity from the project 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 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.

50214 – Forests of Fun 3 - Level 3: Explore the Deep Woods – Required

Exhibit any product or display illustrating an activity from the project 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 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.

50215 – Forestry Innovation Class

Demonstrate the skills and knowledge you have gained through your Forestry project. Exhibit may be the result of knowledge gained from project manuals; independent study, interaction with natural resource or conservation professionals. 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.

GEOLOGY

The 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 project manual, *Geology - Introduction to the Study of the Earth*. Do not identify your specimens any further than phylum and class. There is one exception to this for fossils that are identified to phylum OR class. Class should only be used for fossils of mollusks, back-boned animals, and arthropods.

50218 – Pebble Pups 1

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

50219 – Pebble Pups 2

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

50220 – Rockhounds 1

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 notes where found.

50221 – Rockhounds 2

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; and minerals used in the lapidary arts.

50222 – Geology Innovation Class

(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 with 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.

HEALTH

All display boards must include a reference list indicating where information was obtained, giving credit to the original author, to complete the 4-H member's exhibit. This reference list should/might include website links, people and professionals interviewed, books, magazines, etc. This reference list should be attached to the back of a poster or display board or included as part of the display visible to the public. A judge is not to discredit an exhibit for the way references are listed. Display boards should be no larger than 36" x 48".

50226 - Everyday Food and Fitness - Replaces Health 1-3

Prepare a display, digital presentation, or poster exhibit that demonstrates the knowledge and understanding gained through the completion of the Everyday Food and Fitness project. Your exhibit should include at least two activities to highlight what you learned from completing this project. You may also include live demonstrations of physical activities. Do not bring food made using the recipes but consider adding pictures of the completed recipes to your exhibit. Be ready to answer questions about how you shared the information you learned with others. Examples include talks and demonstrations and hosting or assisting with a workshop. Although not required, it is a good idea to bring your project guide for others to see and for you to share as needed during conference judging.

50228 - Sports Nutrition: Ready, Set, Go - Sports Nutrition: Ready, Set, Go - Required

Prepare a display, digital presentation, or poster exhibit 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 demonstrations 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 screenshot 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.

50229 - Your Feelings Matter – Navigating Mental Health - Your Feelings Matter Guide – Required

Prepare a display, digital presentation, or poster exhibit that demonstrates the knowledge and understanding gained through the completion of the *Your Feelings Matter Member Project Guide*. Your exhibit should include at least two activities to highlight what you learned from completing this project. Be ready to answer questions about how you shared information you learned with others. Examples include talks and demonstrations and hosting or assisting with a workshop. Bring your project guide for others to see and for you to share as needed during conference judging.

50230 – Your Thoughts Matter – Navigating Mental Health - Your Thoughts Matter Guide – Required

Prepare an exhibit that demonstrates the knowledge and understanding gained through completion of the *Your Thoughts Matter Member Project Guide*. Exhibit the following 1) a poster or display that highlights activities and knowledge gained as you completed any two of activities 1 – 9 included in the curriculum; AND 2) the item you created in Activity 10 - the flyer, website, video, or other promotional tool that points individuals to the resources you found. Bring your project guide for others to see and for you to share as needed during conference judging.

50227 – Health Innovation Class

Demonstrate the skills and knowledge you have gained through the Health 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. 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.

HORTICULTURE: FLORICULTURE

50192 – Floriculture A

Exhibit one of the following options. Please note that flower arrangements, including the vase or container, must be no larger than 12" x 12".

- Create a flower arrangement, either a round arrangement or a bud vase. No silk flowers are permitted.
- 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.
- 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 the exhibit.)

50193 – Floriculture B

Exhibit one of the following options (please note that space required for container exhibits, artistic displays, and fairy gardens must not exceed 24" x 24" x 48" unless otherwise indicated):

- Display a mixed planter that may include herbs with foliage plants and/or flowering plants. The planter should include three or more kinds of plants. The container exhibit space must not exceed 18"x18"x 18".
- Create an artistic display of dried flowers and/or herbs explaining how each was dried.
- 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.
- Create an artistic fairy garden of plants, flowers and/or herbs. Explain the process you utilized to prepare your fairy garden. Label your plants by name and explain how the plants were chosen to fit the theme.

50194 – Floriculture C

Exhibit one of the following options (please note that size of the terrarium should be appropriate for use on a table at home, and no larger than 12" deep, 18" long, and 16" high):

- 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. The exhibitor should be able to explain the different plant, soil, and environmental needs and watering requirements of a closed system.
- 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 in the University of Illinois Extension Gardener's Corner (go.illinois.edu/gardenerscorner).

50195 – Floriculture D

Exhibit one of the following options. The maximum size for exhibits in this category is 24" x 24" x 36".

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

50196 – Floriculture Display

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

Present an exhibit of the members' 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.

HORTICULTURE: VEGETABLES, HERBS AND FRUITS

All exhibits 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 produce, including but not limited to different varieties, soil testing, fertilizers used, etc. Exhibits should be prepared according to the Illinois Vegetable Garden Guide:

go.illinois.edu/4HVegetableGuide. 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 champion awards. General gardening advice and information can be found at: <https://extension.illinois.edu/gardening>.

50313 – Herb Container Display

(Open to youth in Vegetable Gardening A (Level 1), B (Level 2), C (Level 3), or D (Level 4))

Herbs should be grown in pots (8" maximum diameter). Categories: Mint, Oregano, Rosemary, Sage, Thyme, and all other herbs. Herbs should be labeled with common and Latin names. Herbs should be in your care for a minimum of three months for state fair exhibits. Remove dead leaves from plants and check that the soil is clear of debris such as dead leaves. When exhibiting herb plants, be sure to grow the plants in the container to be displayed to avoid transplant shock. Exhibits will be evaluated based on cleanliness, uniformity, condition, quality, and trueness to variety. Additional herb resources are located on the project resources section of the Illinois 4-H website.

- Display must include 4 or more different kinds of herbs. There may not be more than 2 different varieties of any herb. For example, peppermint and chocolate mint would be classified as two different herb varieties.
- In instances where containers display more than one variety of herb, special care should be taken that each distinct variety is accessible and clearly visible to the judges to ensure full points for cleanliness.

50314 – Vegetable/Fruit Display

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

1. This class is allowed a 2'6" x 2'6" space for each display.
2. Display must include 6 or more different kinds of vegetables or fruits. There may not be more than 2 different varieties of any vegetable/fruit. 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/fruits used must conform to the Vegetable/Fruit Plate/Display List. *(Fruit Plate list is below vegetable plate list).*
4. Exhibitors must provide the name and variety of all vegetables/fruits used (i.e., Cabbage – Golden Acre; Cucumber, slicing – Straight Eight; Tomatoes, slicing – Rocky Top; Snap Beans – Contender; etc.).

50315 – Vegetable Plates

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

1. The exhibit must include 2 single vegetable plates. (Exhibitor will furnish the disposable plates.)
2. Exhibitors must provide the name and variety of all vegetables/fruits used. (i.e., Cabbage – Golden Acre; Cucumber, slicing – Straight Eight; Tomatoes, slicing – Rocky Top; Snap Beans – Contender, etc.). The 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 of vegetable. (i.e.: Cannot exhibit red and white potatoes; or zucchini and straight-neck summer squash.)

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)
- Brussel 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 including 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, Turk'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)

50316 – Vegetable Gardening Display - Other

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

Present an exhibit of the members' choice that focuses on some aspect of vegetable gardening which does not fit in the categories above. The exhibit may include, but is not 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.

50317 – Fruit Plates

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

1. The exhibit must include 2 single fruit plates. (Exhibitor will furnish the disposable plates.)
2. Exhibitors must provide the name and variety of all vegetables/fruits used. The number of fruits 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 of fruit. (i.e.: Cannot exhibit Gala & Jonathan Apples, Mazzard & Gisela Cherries, etc.)

Fruit Plate/Display List

Fruit will be judged using the same general criteria used for vegetables. Fruit will be judged for the stage of maturity normal for that season and growing location. Emphasis will be placed on how well fruit approaches market quality. When selecting fruits 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 fruit varieties at go.illinois.edu/fruittrees.)*

- Apples – 5
- Gapes – 2 bunches
- Pears – 5
- Strawberries (Everbearers) – 1 pint
- Wild Plums – 1 pint
- Other Small Fruit or Berries (Do not duplicate entries from the above fruits) – 1 pint
- Other Fruits or Nuts (Do not duplicate entries from the above fruits) – 5

INTERCULTURAL

Due to space restrictions, exhibits are limited to 36" x 48" and 15" deep.

50233a – Passport to the World, Individual - Passport to the World – Required

Prepare a display illustrating what you have learned about a country. This might include topics such as-geography, economy, agriculture, people, language, housing, culture, music, crafts, clothing, environment, or holidays. Exhibits can focus on one or two topics in depth or cover more topics in brief. 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. In addition to their display, youth should bring a copy of their Passport to the World project manual to judging. Sections of the book related to what they focus on in their display should be completed. **Please note:** judging for the individual projects should **not** include a planned presentation about the chosen country. Judging is meant to be a conversation between the judge and member about the project and the learning experience.

50233b – Passport to the World, Group - Passport to the World – Required

Exhibit a display illustrating what your group has learned about a country. This might include topics such as geography, economy, agriculture, people, language, housing, culture, music, crafts, clothing, environment, or holidays. Exhibits can focus on one or two topics in depth or cover more topics in brief. 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. Tips on creating an engaging display board are available at go.illinois.edu/4HDisplayTips. In addition to their display, groups should bring a copy of their group's Passport to the World project manual to judging. Sections of the book related to what the group focuses on in their display should be completed. The display must be accompanied by at least 3 but no more than 10 4-H members at the time of the judge's critique. Groups wishing to include more than 10 members must ask for an accommodation, one week prior to judging. Group members should prepare a short (5 minutes maximum) presentation about their learning for the judge. The presentation should focus on key concepts learned and takeaways from the project experience. All group members present for judging should be able to discuss the project and answer questions. Only group members who participate in the judging are eligible for ribbons and premiums. Presentations will occur in the space designated by the fair or show. Groups should not bring extra tables or items (beyond those that fit within the exhibit size requirements) for their presentation.

50234a – Diversity & Cultural Awareness, Individual - Diversity: The Source of Our Strength – Required

Create a display or binder portfolio that illustrates the results of a minimum of three (3) completed activities from the project book.

50234b – Diversity & Cultural Awareness, Club - SEEING i2i Adventures – Required

Exhibit a display illustrating the steps that the group has completed on the project selected for the year, including reflection on activities completed. 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 group 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 at least 3 or no more than 10 4-H members at the time of the judge's critique. Groups wishing to include more than 10 members must ask for an accommodation, one week prior to judging. Group members should make a 5-7-minute presentation to the judge. All group members present for the judge's critique should be able to discuss the project and answer questions. Only group members present for judging who participate in the actual critique and presentation are eligible for ribbons and premiums.

INTERIOR DESIGN

All interior design divisions (beginning, intermediate, and advanced) are required to provide visual documentation of their project process. This can include photos or videos showing the steps they took to create, refinish, or redesign their furniture items.

50242 – Design Decisions, Beginning

For members with 2 or less years of experience in project area or related experiences.

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.

50243 – Design Decisions, Intermediate

For members with 3 to 4 years of experience in project area or related experiences.

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.

50244 – Design Decisions, Advanced

For members with 5 or more years of experience in project area or related experiences.

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.

50245 – Interior Design Innovation Class

(Open to youth 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.

LEADERSHIP

50249 – Leadership 1 - Skills You Never Outgrow 1 – Required

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

50250 – Leadership 2 - Skills You Never Outgrow 2 – Required

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

50251 – Leadership 3 - Skills You Never Outgrow 3 – Required

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

50252 – Leadership Innovation Class

(Open to youth enrolled in Leadership 1, 2, 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. 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.

50254 – Leadership Group Exhibit

(Open to 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 at least 3 or no more than 10 4-H members at the time of the judge's critique. For a larger group please reach out to staff with an accommodation request at least one week prior to the exhibit event. Group members should make a 5- to 10-minute presentation to the judge. All group members present for the judge's critique should be able to discuss the project and answer questions. Only group 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 36" X 48" and 15" deep. More information on Teens as Leaders Model found here: go.illinois.edu/4-HLeadershipModel

MAKER

50400– Maker - go.illinois.edu/DIYMakeBuild – Required

(Open to youth in all projects.)

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:

- Exhibitors must complete at least two activities in the DIY Make & Build Curriculum and answer all the questions at the end of each lesson. You must display your answers to these questions, as well as your Maker Log from the DIY Make and Build curriculum.
- 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. Your device or object **cannot** be one of the included activities in the DIY Make and Build Curriculum.
- 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).
- Exhibits **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.

NATURE: Natural Resources & Outdoor Adventures

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

50267a – Exploring Your Environment 1 - Exploring Your Environment - Ecosystem Services – Required

Exhibit any item, project, or display made as it relates to an activity in the *Exploring Your Environment - Ecosystem Services* 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 personal thoughts and ideas.

50267b– Exploring your Environment 2 - Exploring Your Environment – Earth’s Capacity – Required

Exhibit any item, project, or display made as it relates to an activity in the *Exploring Your Environment – Earth’s Capacity* 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 personal thoughts and ideas.

50259 – Outdoor Adventures 1-3 - Choose the correct level project manual – Level 1: Hiking Trails, Level 2: Camping Adventures or Level 3: Backpacking Expeditions – Required

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

50258– Natural Resources or Outdoor Adventures Innovation Class

(Open to youth enrolled in any Natural Resources or Outdoor Adventures project)

Demonstrate the skills and knowledge you have gained through your Natural Resources or Outdoor Adventures project. Exhibit may be the result of knowledge gained from project manuals; independent study, interaction with natural resource or conservation professionals. 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.

NATURE: Fishing & Wildlife

50260 – Sportfishing 1 - Level 1: Take the Bait – Required

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.

50261 – Sportfishing 2 - Level 2: Reel in the Fun – Required

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, labelled with their use; or information on preparing and cooking fish (not recipes). For safety reasons, lures must be placed in a plastic case.

50262 – Sportfishing 3 - Level 3: Cast Into the Future – Required

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; sportfishing careers; or identifying insects that fish eat. For safety reasons, lures must be placed in a plastic case.

50263 – Wildlife 1 - Wildlife Science Level 1 Digital – Required

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

50264 – Wildlife 2 - Wildlife Science Level 2 Digital – Required

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

50265 – Wildlife 3 - Wildlife Science Level 3 Digital – Required

Exhibit any activity developed from the project manual. Within the exhibit, explain the importance of, and concept behind, the exhibit

50266 – Fish and Wildlife Innovation

(Open to youth enrolled in any Sportfishing or Wildlife project)

Demonstrate the skills and knowledge you have gained through your Sportfishing or Wildlife project. Exhibits may be the result of knowledge gained from project manuals, independent study, interaction with natural resource or conservation professionals. 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.

PHOTOGRAPHY

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. Meta data must be included on the back of the picture. The photo release and meta data tip sheet can be obtained at: go.illinois.edu/PhotographyProject Photos may be taken with a camera, an electronic tablet (i.e., iPad), or a cell phone.

ALL photos must be accompanied by details of the camera settings that include:

- Camera/device used
- Aperture (F-stop)
- Exposure time (shutter speed)
- ISO (film/sensor sensitivity)
- Lighting used (flash, artificial, sunlight, other)
- Lens Filters (Ultra-Violet, Polarizing, etc.) if used.

Additional details required for Photo Editing ONLY:

- Photo editing software/application used (required for ALL edits and retouches except for cropping)
- 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: 5" x 7"
- Maximum image size: 8" x 10"
- Maximum exhibit size (including frame): 18" x 20"
- Maximum image size: 8" x 24" panorama photography – *Photography 2 only*

All exhibitors must include unframed (taped to the back of the framed exhibit or attached to the project booklet)

original or un-edited 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.

50268 – Photography 1 - Level 1: Photography Basics – Required

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.

50269 – Photography 2 - Level 2: Next Level Photography – Required

Exhibit one of the options listed below:

- Exhibit one framed 8" x 10" close-up photograph using the skills learned on pages 58-61 (section: Bits and Pieces) of the project manual titled Level 2 *Next Level Photography*. 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.
- Exhibit one framed 8" x 24" or smaller panorama photograph using the skills learned on pages 62-65 (section: Panorama) of the project manual titled Level 2 *Next Level Photography*. 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.
- Exhibit one framed 8" x 10" photo which demonstrates 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.

50270 – Photography 3 - Level 3: Mastering Photography – Required

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. Be prepared to show the page in the manual of the technique you are demonstrating.
- Exhibit one framed 8" x 10" photo which demonstrates 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.

50271 – Photo Editing

(Open to members enrolled in Photography 1, 2, or 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.

PLANTS & SOILS

50280 – Cover Crops

Exhibit an experimental or educational activity related to one experience from your project; OR prepare a display focusing on any activity related to the cover crops project. This could be related, but not limited to plant growth & development, cover crop benefits, land management, sustainability, or other topics of interest to the member related to cover crops. A cover crop might include any plant that is sown in between primary production crops for the benefit of overall farm health rather than crop yield (examples: pennycress, clover, radish, annual ryegrass, etc.). 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.

50281a – Plants & Soils 1 - It's More Than Just Dirt – Required

Prepare a 36" X 48" display or a poster no larger than 36" x 48" and 15" deep that illustrates an activity from the project manual. The display should demonstrate an understanding of environmental and internal factors that affect plant growth and the function and characteristics of soil. Include your project journal that documents activity recordkeeping requirements, answers activity questions, and details personal thoughts and ideas in response to each activity.

50281b – Plants & Soils 2 - Stems and Stamens – Required

Prepare a 36" X 48" display or a poster no larger than 36" x 48" and 15" deep 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 requirements, answers activity questions, and details personal thoughts and ideas in response to each activity.

50281c – Plants & Soils 3 - Sprouting Out and Growing UP – Required

Prepare a 36" X 48" display or a poster no larger than 36" x 48" and 15" deep that illustrates an activity from the project manual. The display should demonstrate an understanding of the relationship between soil and other cycles found in nature. Displays should also provide an example of a leadership or service-learning experience focused on environmental stewardship. Include your project journal that documents activity recordkeeping requirements, answers activity questions, and details personal thoughts and ideas in response to each activity.

READY4LIFE CAREER & ENTREPRENEURSHIP EXPLORATION

50366a - Ready4Life Exploration (Career)

(Open to 11- to 18-year-olds.)

Exhibits in this category must include the following: a) a physical representation of the career 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 exploration and pursuit above the workmanship of the physical specimen on display.

50366b - Ready4Life Exploration (Entrepreneurship)

(Open to 11- to 18-year-olds.)

Exhibits in this category must include the following: a) a physical representation of the 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 business fields, potential business opportunities, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of the business exploration and pursuit above the workmanship of the physical specimen on display.

ROBOTICS

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 50285 or 50286 are designed to be used with LEGO Mindstorms (NXT, EV3, Lego Inventor, Lego Spike Prime).
- Any other programmable robot kit, such as Arduino or Raspberry Pi, should be exhibited in Robotics 3 (50292).
- Members should bring their robot to both county and state fair.

50285 – Robotics 1 - Robotics 1 with EV3 or go.illinois.edu/RoboticsActivities1 – Required

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. **The robot must be autonomous and cannot be controlled remotely.**

Exhibitors in this class must use at least one sensor in their robot design. Exhibiting youth must complete and display a build log which contains a diagram (drawing or 3D rendering) of their robot with each of the key components labeled, an explanation of why they made the design/programming decisions they made, and a short journal sharing what they learned about the engineering design process and programming throughout their work in the project (as well as while preparing the exhibit). In addition, each youth must bring their program code (on laptop or on paper), and their robot to demonstrate. The robot and obstacles must be able to fit on a 4' x 8' robotics table when being judged, and a 2' x 2' area when being displayed.

50286 – Robotics 2 - EV3 N More or go.illinois.edu/RoboticsActivities2 – Required

Exhibitors will design, build and program a robot that uses sensors and programming to complete two of the selected challenges from the 2025 4-H State Robotics Challenge. **The robot must be autonomous and cannot be controlled remotely.** Eligible challenges will be marked in the Challenge Documents and on the Illinois 4-H Robotics website (go.illinois.edu/4HRoboticsProjectPage). Exhibiting youth must complete and display a build log which contains a diagram (drawing or 3D rendering) of their robot with each of the key components labeled, an explanation of why they made the design/programming decisions they made, and a short journal sharing what they learned about the engineering design process and programming throughout their work on the project (as well as while preparing the exhibit). In addition, each youth must bring their program code (on laptop or on paper), and their robot to demonstrate. The robot and obstacles must be able to fit on a 4' x 8' robotics table when being judged, and a 2' x 2' area when being displayed.

50292 – Robotics 3 - go.illinois.edu/4HRoboticsProjectPage

Open to youth enrolled in Robotics 3 but may also include youth in Robotics 1 or 2 if the exhibit 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. **The robot must be autonomous, Text Based (Python, C etc.) and cannot be controlled remotely.** 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 type of motors, pneumatics or sensors. This class can also be used for LEGO Mindstorms/Spike Prime, etc. or Vex kits where the exhibit does not fall under Robotics 1 or 2 exhibit options. 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 must complete and display a build log which contains a diagram (drawing or 3D rendering) of their robot with each of the key components labeled, an explanation of why they made the design/programming decisions they made, and a short journal sharing what they learned about the engineering design process and programming throughout their work in the project (as well as while preparing the exhibit). In addition, each youth must bring their program code (on laptop or on paper), and their robot to demonstrate. Exhibits in this class must be able to fit on no more than a 6' x 2' table (or ground footprint) and must be fully assembled 15 minutes prior to the judging start time. No Exceptions.

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. For Innovation Class, all sections should be completed for your level.

50287 – Junk Drawer Robotics 1 - Junk Drawer Level 1: Give Robotics A Hand & Youth Notebook – Required

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.

50288 – Junk Drawer Robotics 2 - Junk Drawer Level 2: Robots on the Move & Youth Notebook – Required

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.

50289 – Junk Drawer Robotics 3 - Junk Drawer Level 3: Mechatronics & Youth Notebook – Required

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.

50290 - Junk Drawer Innovation Class - Youth Notebook – Required (See Level Above)

This class is open to any youth in Junk Drawer Robotics 1, 2, or 3. Exhibit any item that incorporates two or more activities into a single robot/machine to accomplish a task. There must be a clear task being accomplished with an end goal in mind. Feel free to think outside of the box as you find ways to combine the principles and mechanics to make something new. You will be judged on your creativity and ability to explain your design choices in addition to the construction and performance of your robot.

SERVICE LEARNING (formerly Community Service)

Due to space restrictions, exhibits are limited to 36” X 48” and 15” deep.

50150a - Service Learning 1

Exhibit a binder portfolio to reflect what the exhibitor accomplished in the four steps of service learning. This should include researching the need of the community and steps taken to serve that need. If the exhibitor has been enrolled in the project for multiple years, the binder portfolio should include previous years’ work. Use of page protectors is recommended. A display board may accompany the portfolio.

50150b - Service Learning 2

Exhibit a binder portfolio to reflect what the exhibitor accomplished in the four steps of service learning. This should include a walk-about to observe needs, assessment of needs and assets in your community, surveys/interviews conducted to identify needs and the solution. If the exhibitor has been enrolled in the project for multiple years (including Service Learning 1), the binder portfolio should include previous years’ work. Use of page protectors is recommended. A display board may accompany the portfolio.

50149 - Service Learning Group Exhibit

Open to groups whose members are enrolled in any SERVICE LEARNING project. Due to space limitations, exhibits are limited to 36” X 48” and 15” deep. Group members should be enrolled in Service Learning – Agents of Change (Level 1) and/or Raise Your Voice (Level 2). Register community project at

go.illinois.edu/4HCommunityProjectRegistration, additional resources located on site.

Exhibit should be educational in nature and should inform others of steps taken to engage group members in **1)** identifying a local need, conducting a local needs assessment to find a need that is already visible in the community; **2)** determine types of activities group members can/want to do; **3)** List all of the activities, projects, or needs identified to review with group members; **4)** create a plan and timeline for completing the service project (including-project goals; tasks involved; time commitment; permission needed from community stakeholders; a budget, a source for securing those funds; insurance needs; equipment and supplies; publicity; potential partners if additional help is needed; a risk management plan; and a process for evaluating the project; **5)** prepare for group members to engage in the service project which may include instruction on completing specific tasks and/or educating members on how the project will benefit the community; **6)** complete the project; **7)** documentation of service experience with photos, videos; or written reports; **8)** once project is completed, reflect on success and/or challenges encountered during execution of the service project; consider what you might do differently in future service projects.

Create a display which will educate the public regarding the impact of the service project for both the community and the group members. The display must be accompanied by at least 3 but no more than 10 4-H members at the time of the judge's critique. Groups wishing to include more than 10 members must ask for an accommodation, one week prior to judging. Group members should make a 5–10-minute presentation for the judge. Group members should create a display which showcases the service project, and the steps needed to complete it. Only group members present for the judging and who participate in the critique and presentation are eligible for ribbons and premiums.

SHOOTING SPORTS: EXHIBIT

Participants 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 have the following prohibitions:

- 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.).

50380 – Shooting Sports: Archery Display

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.

50381 – Shooting Sports: Rifle Display

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.

50382 – Shooting Sports: Shotgun Display

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.

50384 – Shooting Sports: Pistol Display

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.

SMALL ENGINES

Small Engine displays must be no larger than a 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.

50294 – Small Engines 1-3

- Exhibit a display, selecting one of the following items:
- **Ignition/Electrical 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, and engine power is measured by an engine and/or converted into mechanical energy through transmissions.
- **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 functions(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.

THEATRE ARTS

50299 – Theatre Arts 1

Exhibit one of the following items:

- **Portfolio of acting activities** completed during the current year. This should include at least 3 of the following: list of roles/performances, pictures or description of hair or makeup, pictures or description of a favorite costume, pictures or description of a particular set piece or prop, ticket stubs or marketing materials, playbill, description of audition process, highlights of acting skills honed (such as stage directions, auditioning, projection, diction, character development, physicality, vocal expression, facial expressions, memorization, understanding of how to read a script, ability to take direction, confidence, collaboration with scene partners etc.) *Note: A video of performances is not considered a portfolio and will not be accepted for exhibit.*
- **Display illustrating a picture story** developed by the exhibitor. Your picture story should include a minimum of 3 boxes with a character, problem, and solution.
- **Write a personal monologue.** Create a character, decide what your character wants, what are the obstacles, and create your character's thoughts and struggles.

50230 – Theatre Arts 2

Exhibit one of the following items:

- **Block a scene.** Choose a scene from a published play and become the director. Clearly mark stage directions, blocking, entrances and exits, and any additional notes you would want to share with the actors.
- **Write a scene.** Create a scene that includes at least 2 characters, has an established setting, plot, and time, and include stage directions.
- **Create a mask** that either represents a character of your choice or models a mask from a given historical time period integral to the history of theatre.

50301 – Theatre Arts 3

Exhibit one of the following items:

- **Portfolio of activities** for set design; make-up; or sound, props, or costuming completed during the current year. This should include pictures of activities, information on the show or performance, details on your involvement.
- **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).
- **Display a scenic design model** to depict a scene from a script;
- **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.

50302 – Theatre Arts Innovation Class

(Open to youth enrolled in Theatre Arts.)

Demonstrate the skills and knowledge you have gained through the 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.

TRACTOR: EXHIBIT

50306 – Tractor A - Level A: Starting Up – Required

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 4-H project manual.

50307 – Tractor B - Level B: Tractor Operation – Required

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

50308 – Tractor C - Level C: Moving Out – Required

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.

50309 – Tractor D - Level D: Learning More – Required

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 listed in the 4-H project manual.

50310 – Tractor Innovation Class

(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.

VETERINARY SCIENCE

50320a – Veterinary Science 1

(Open to youth in Veterinary Science A, B or C. For youth enrolled in this project 1-2 years.)

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, 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.

50320b – Veterinary Science 2

(Open to youth in Veterinary Science A, B or C. For youth enrolled in this project 3 or more years.)

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, 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.

VIDEO/FILMMAKING

All Exhibitors must bring their video to be judged on a USB flash drive and saved in .MP4 format. Wireless Internet access is not necessarily available. 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 at the State Fair. However, at the county level, you need to bring your own device (including a way for your judge to hear your video) for viewing.

Requirements that apply to ALL video classes:

Videos can be produced as an individual or a group of up to 5 members. 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. Photo/Model releases from individuals appearing in the videos are required unless the video is of a group in a public place where identification would not be an issue. The photo release can be obtained at: go.illinois.edu/PhotographyProject.

50324a (Individual), 50324b (Group) – Commercial or Promotional Video

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 videos.

50325a (Individual), 50325b (Group) – Animated Video

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.

50326a (Individual), 50326b (Group) – Documentary

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 interviews with experts or constituents related to the topic of investigation.

50327a (Individual), 50327b (Group) – Short Story or Short Narrative

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

50328a (Individual), 50328b (Group) – Video/Filmmaking Innovation Class

(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. 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.

VISUAL ARTS

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. Exhibitors must be able to carry or cart their exhibits across the fairgrounds from the parking lots. 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, school logos and/or characters from movies such as Mickey Mouse, Iron Man, etc. 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, you can use that idea as your inspiration, however, create something which is fundamentally different. It **MUST NOT BE AN EXACT REPLICA OF** something the judge can search for and find on Pinterest. If you create an exact 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.

Use of the 4-H Clover: Chartered 4-H clubs and enrolled 4-H members are authorized to use the 4-H Name and Emblem. This includes permission for an enrolled 4-H member to use the 4-H name and emblem in exhibits created for personal use and as part of 4-H sponsored events. This includes 4-H decorated cookies, a 4-H clover printed for use in a scrapbook or included as part of any other 4-H exhibit. Use of the green clover shaped image is not protected. The 4-H "emblem" is distinguished by the four H's that signify Head, Heart, Hands and Health. **No creative rendering, changes in color or shape of the official 4-H emblem is allowed.**

NOTE – Any use of the 4-H name and emblem on items intended as **gifts or for sale locally** requires prior permission from your local Extension office. Your Extension office will be able to provide you with the form which must be signed by the Extension County Director. Any uses of the 4-H name and emblem for sale or promotion **online, and/or in statewide events** should be signed by the Illinois 4-H Program Leader (Illinois4H@illinois.edu).

Quilts entered in Visual Arts should **ONLY** be entered in the Quilting Project area in either Level 1 *You Can Quilt* (SF 50331a) OR Level 2 *Quilting the Best Better* (SF 50331b). All work on the quilt **MUST** be completed by the 4-H member. You cannot exhibit a quilt that was quilted by someone else.

Unless otherwise noted, due to space limitations, projects should be no larger than 48" x 48".

Food Decorating – for more information about cake decorating techniques: go.illinois.edu/caketechniques

50332 – Visual Arts: Food Decorating Beginning

Exhibit one of the following:

- Exhibit four decorated cookies, using a minimum of four different Level 1 techniques. Exhibit may use cookies OR cookie forms
- Exhibit four decorated cupcakes, using a minimum of four different Level 1 techniques. Exhibit may use cupcakes OR cupcake forms
- Exhibit a single-layer decorated cake, using a minimum of four different Level 1 techniques. Exhibit may use cake OR cake forms.

50333 – Visual Arts: Food Decorating Intermediate

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 cake, using a minimum of five Level 2 techniques. Exhibit may use cake OR cake forms.

50334 – Visual Arts: Food Decorating Advanced

Exhibit a decorated, stacked or multi-layer cake; or a tiered cake, using a minimum of four Level 3 techniques. Exhibitors may use cake or cake forms.

50335 – Visual Arts: Food Decorating Master

Exhibit an original design decorated cake using more than five techniques. Exhibit may use cake OR cake forms. In addition, include a one-page written description of your project, including goals, plans, accomplishments, and evaluation of results. Up to four pictures of your accomplishments may be included in the description.

Visual Arts: Chalk/Carbon/Pigment: Division A, B or C

Enter the division based on the type of material on which the art was created.

50336a - Chalk/Carbon/Pigment: Division A: Canvas

Any original artwork done with pencils, chalk, pens, ink, paint, charcoal, dyes, etc. on canvas. This would include all painting, sketching, drawing, cartooning, original non-computer-generated graphics, printing, etc. 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.) Watercolor, chalk, pen & ink, 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.

50336b - Chalk/Carbon/Pigment: Division B: Paper

Any original artwork done with pencils, chalk, pens, ink, paint, charcoal, dyes, etc. on paper. This would include all painting, sketching, drawing, cartooning, original non-computer-generated graphics, printing, etc. 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.) Watercolor, chalk, pen & ink, etc. do require some protective covering. Gallery frames are acceptable. 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.

50336c - Chalk/Carbon/Pigment: Division C: Wood, Metal, Textiles

Any original artwork done with pencils, chalk, pens, ink, paint, charcoal, dyes, etc., on wood, metal, or textiles. This would include all painting, sketching, drawing, cartooning, original non-computer-generated graphics, printing, et. Painted and/or glazed pre-formed ceramics and painted porcelain dolls are not eligible for the State Fair exhibit. Drawings and paintings should be matted or framed under glass. (Exceptions: Oil and acrylic painting do not require glass and are not required to be matted.) Watercolor, chalk, pen & ink, etc. do require some protective covering. Gallery frames are acceptable. 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.

50337 – Visual Arts: Clay

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.

50338 – Visual Arts: Computer-Generated Art

Any original art created in any software package. Exhibits 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 hang, it does not require protective covering nor does it need to be prepared to hang.

503370 – Visual Arts: Computer-Generated Art Graphic Design

Any original art created in any software package that displays visual information, such as an advertisement, publication, website, or any other type of visual communication by effectively combining text and graphics. If using clip art, downloaded images, imported images, or photographs, they must be either royalty-free or owned by the exhibitor.

50339 – Visual Arts: Fiber

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

50350 – Visual Arts: Fiber Non-Original, AGES 8-10 ONLY

Any non-original item made of fiber. Examples include but are not limited to 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.

50340 – Visual Arts: Glass & Plastic

Any original item made of glass or plastic.

- **50340a – Glass** - Possible items to exhibit include stained glass, etched glass (original design), mosaics made of glass, glass beading.
- **50340b – Plastic** - Possible items to exhibit include plastic jewelry (friendly plastic); recycled plastic art; plastic that can be molded into 3D shapes.
- **50340c – Plastic Block Art** - Any original item made entirely of plastic building blocks. This must be an **original design created by the exhibitor**. Structures are NOT eligible in the Visual Arts Plastic Block Art exhibit area. The exhibit will be judged using a Visual Arts rubric. The exhibit must be attached to a board or frame for display and prepared to be hung or presented as 3-dimensional piece of table art, however NOT a structure (unacceptable items would include buildings, rollercoasters, etc.).

Interlocking building block creations (i.e. LEGOS) are ONLY suitable for 50340C exhibit option of the Visual Arts Glass & Plastic class. Steppingstones can be entered as a Visual Arts exhibit in Glass & Plastic; however, they must have an intentional design created using glass and/or plastic and the exhibitor must be prepared to discuss the design elements associated with their exhibit. Due to space limitations, any single exhibit in the Glass & Plastic project should NOT exceed 48" x 48".

50341 – Visual Arts: Heritage Arts

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 (embroidery openwork), macramé, candles, blacksmithing, pysanki (decorated eggs), baskets (made using a traditional pattern), traditional handmade dolls with handmade costumes, soaps made using nature dyes and/or candles.

Exhibitors in Heritage Arts must also bring 1) the pattern or a copy of the pattern they used to create their traditional art; and 2) be prepared to explain the traditional origins of their art choice.

50321 – Visual Arts: Leather

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 and/or machine stitching techniques. Hand-sewing and/or machine stitching must be the work of the exhibitor.

50342 – Visual Arts: Metal

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

50343 – Visual Arts: Nature

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. Engineered wood may be utilized as part of the exhibit to adhere natural materials, not as an element of the design. Articles such as dried pressed flowers may be displayed under glass if viewed as necessary for protection/preservation of the natural materials. Candles are not suitable as entries. ALL baskets should be entered in Heritage Arts. All baskets should be entered in Heritage Arts.

50344 – Visual Arts: Paper

Any original item made of paper. Exhibitors should create an exhibit that aligns with one of the following categories:

- **50344a Two-Dimensional Paper Art** – Exhibits should be a 2-dimensional image. Paper art which falls into the 2-dimensional category includes: Greeting Cards; paper-cut designs; hand-made paper; paper collage; quilling.
- **50344b Three-Dimensional Paper Art** – Exhibits should be a 3-dimensional image. Exhibits in the 3-dimensional category must have multiple layers and/or levels. This is defined as more than 3 layers so the image truly has dimensions that can be viewed from at least three sides; or is at least ½” tall. Paper art which falls into the 3-dimensional category includes but is not limited to: Origami; Paper Mache; Paper models of architecture, paper-cut designs; quilling.

PLEASE NOTE THE FOLLOWING:

1. Paper-cut designs and quilling have the potential, depending on the design, to align with either of the categories. The key design element is whether the design is 2-dimensional or 3-dimensional.

2. Paper twist articles made from a kit or directions in a craft book or store ARE NOT original and not appropriate in the Visual Arts Paper exhibit area. Scrapbooks are also not eligible for Visual Arts Paper and should be exhibited in Visual Arts Scrapbooking.
3. If creating origami, folded pieces should either be used to create a bigger project such as a mobile or wreath, or multiple pieces of origami should be displayed. Exceptions would be if the exhibitor created their own folding pattern.

50331a - Visual Arts Quilting – You Can Quilt (Level 1)

Exhibit one of the following quilting options. All exhibits should include a card which 1) Identifies the item as an original design created by the exhibitor; as a pattern created by someone else; OR as a pattern that has been adapted by the exhibitor. AND 2) Identifies the type of batting used. The item may be quilted using any method – tie, hand, or machine quilted. All work must be completed by the 4-H member. Exhibit one of the following:

- A Doll Quilt (maximum size of 24" x 30")
- A Baby Quilt (*maximum size of 48"x48"*)
- A Quilted Table Runner (maximum size of 18" x 36")
- A small Wall Hanging (square or rectangular (maximum size of 36" x 36")). Hanging should include tabs or a pocket on the back for it to be hung.

50331b - Visual Arts Quilting – Quilting the Best Better (Level 2)

Exhibit one of the following quilting options. All exhibits should include a card which 1) Identifies the item as an original design created by the exhibitor as a pattern created by someone else; OR as a pattern that has been adapted by the exhibitor; 2) Identifies the type of batting used; AND 3) Provides details on any special techniques that were used (applique, embroidery, free-motion quilting, etc.). The item may be quilted using any method – tie, hand, or machine quilted. All work must be completed by the 4-H member. Exhibit one of the following:

- A Lap Quilt (*width ranging from 42" – 58" length ranging from 56" – 70"*)
- A Large Quilted Wall Hanging (*can be rectangular or square, sized larger than 36" x 36"*). Hanging should include tabs or a pocket on the back in order for it to be hung
- A Quilt that fits any size bed (Twin, Double, Queen or King).

50345 – Visual Arts: Scrapbooking, Beginning

Exhibit one album or notebook, either 8 ½" x 11" or 12" x 12", with a front and back cover. The album/notebook must have a minimum of 4 pages (front and back, making it 8 sides), exhibited in page protectors. **NOTE – the front and back album covers are NOT part of the "page" count.** "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, stickers, special lettering, etc. Beginners must use a **minimum of four embellishments** in their 4 scrapbook pages (a minimum of four embellishments on the 4 required scrapbook pages, not four per page), 8 sides and tell a story with pictures

50346 – Visual Arts: Scrapbooking, Intermediate

Exhibit one album or notebook, either 8 ½" x 11" or 12" x 12", with a front and back cover. The album/notebook must have a minimum of 6 pages (front and back, 12 sides), exhibited in page protectors. **NOTE – the front and back album covers are NOT part of the "page" count.** "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, stickers, special lettering, etc. Intermediate level exhibitors must use a **minimum of eight embellishments** in their 6 scrapbook pages (a minimum of eight embellishments on the 6 required scrapbook pages, not eight per page), 12 sides and tell a story with pictures and journaling.

50347 – Visual Arts: Scrapbooking, Advanced

Exhibit one album or notebook, either 8 ½" x 11" or 12" x 12", with a front and back cover. The album/notebook

must have a minimum of 8 pages (front and back, 16 sides), exhibited in page protectors. **NOTE – the front and back album covers are NOT part of the “page” count.** “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, stickers, special lettering, etc. Advanced level exhibitors must use a **minimum of 12 embellishments** in their 8 scrapbook pages (a minimum of twelve embellishments on the 8 required scrapbook pages, not twelve per page), 16 sides and tell a compelling story with pictures, journaling, and other media.

50348 – Visual Arts: Three-Dimensional Design/Mixed Media

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 pre-formed or assembled projects are not acceptable. Due to space limitations, any single exhibit in the Three-Dimensional Design/Mixed Media project should NOT exceed 48” x 48”.

50351 – Visual Arts: Three-Dimensional Design/Mixed Media - Diorama

Exhibit a model representing a scene with three-dimensional figures. The display must be built on rigid wood (i.e., plywood). Exhibits may include but are not limited to farm displays, historical events, landmarks, habitats, or scenes from a book. Exhibits may include pre-manufactured items such as tractors, animals, or figurines, but should also include artistic elements where possible. Due to space limitations, any single exhibit in the Three-Dimensional Design/Mixed Media: Diorama project should NOT exceed 48” x 48”.

50349 – Visual Arts: Wood

Any original item made of wood (wood carving, sculpture, collage, wood burning, etc.). Utilitarian wood items made from patterns or kits (outdoor or indoor furniture, shelves, etc.) should be entered in woodworking, **NOT** Visual Arts. Popsicle stick crafts are not acceptable for 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.

J3902 – Miscellaneous Crafts (*Open to Jefferson County 4-H members only)

(This project is not premium eligible and is not eligible for Illinois State Fair consideration.)

Any visual arts item which does not fit into one of the regular visual arts project classes.

WEATHER

50392 – Weather and Climate Science 1 – Level 1: Weather and Climate Science – Required

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.

50393 - Weather and Climate Science 2 - Level 2: Weather and Climate Science – Required

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.

50394 – Weather and Climate Science 3 - Level 3: Weather and Climate Science – Required

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.

WELDING

50353 – Welding – Arcs and Sparks – Required

This exhibit class is open to any member eligible to participate in 4-H and show at the county/state fair. 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 Metal 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.

WOODWORKING

Units 1, 2, and 3 in Woodworking have very specific restrictions on the tools used in building an item to display. This is done for reasons of safety and to provide a fair comparison among projects in a level. **Articles made with tools other than those listed in a level will not be eligible for class awards in that level.**

50357 – Woodworking 1

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. **Allowed tools in this level:** hand tools only, including a hand miter box.

50358 – Woodworking 2

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. **Allowed tools in this level:** hand tools, power hand drill, miter box (non-powered), oscillating (pad) sander and jigsaw.

50359 – Woodworking 3

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. **Allowed tools in this level:** hand tools, power hand drill, miter box, jigsaw, scroll saw, power sanders, table saw, drill press, band saw, rabbet plane, jointer, and router.

50360 – Woodworking 4

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. **Allowed tools in this level:** all those mentioned in levels 1- 3, plus circular saw, radial arm saw, planer, wood lathe, chop saw, and other power tools needed to complete advanced projects.



LIVESTOCK SHOWS EXHIBIT GUIDELINES

4-H ANIMAL WELFARE

During fair season, 4-H members have an opportunity to showcase our practice of ethical and humane treatment of animals and demonstrate our commitment to safe food production practices. While showing livestock, we are under the watchful eye of the public. Many people attending a local fair may have no idea how livestock is raised. Practicing these guidelines may prevent public misconceptions about livestock production.

1. Provide fresh, clean water to animals at all times. Feed animals on schedule
2. Keep your pens clean and dry with good bedding at all times.
3. Take extra care on days of extreme weather or activity.
4. Sort and load animals safely and with concern for them.
5. Train animals to lead or be handled at a young age long before the fair.
6. Arrange for veterinary care in case of an animal emergency.
7. Handle animals in a very humane way.
8. Adhere to all antibiotic, drug, and feed additive withdrawal times.
9. Avoid stressing the animal.
10. Keep animals clean; a clean animal is viewed as a healthy animal.
11. Use show sticks, whips, and canes for showing only and never forcefully hit an animal.
12. Review your 4-H project manual and follow the care recommendations.

13. Have a plan of action should a problem arise, and know which fair official or 4-H leader to contact to help solve it or answer questions.
14. Some words, such as “slaughter” or “killed,” may cause a negative reaction from people unfamiliar with food production. IF ASKED what happens to your market animal after the fair, consider using words such as “harvested” or “sold to packing company.”
15. If questioned or challenged by a stranger or group:
 - a. Remain calm, be polite, and answer any question the best you can. If you do not know an answer, tell them you will find an adult to explain more.
 - b. Do not argue or confront an individual or group who may have a different view about livestock production. Individuals may try to initiate a confrontation and use video of the incident on social media. If confronted, walk away, find an adult in authority, or call 911 if you feel threatened.
 - c. It is natural to think that giving people information will change their minds, but in some extreme cases, people may not want to learn; they want to confront to gain media attention. It is best to walk away without engaging in these situations.

Following these recommendations will reflect a positive image of our livestock industry and the 4-H program, as well as demonstrate the solid animal stewardship practices that are our 4-H tradition.

LIVESTOCK GENERAL RULES

1. Members must follow all [4-H Show Policies](#) listed towards the beginning of this book.
2. ALL livestock members must abide by the Exhibition Livestock Health Requirements. ***ALL LIVESTOCK HEALTH RECORDS MUST BE KEPT ON THE FAIRGROUNDS AT ALL TIMES. NO EXCEPTIONS.** * A certified veterinarian and/or a member from the U.S. Department of Agriculture will be on the grounds to ask for your paperwork. Please be sure to have this complete and ready once you arrive at the fairgrounds.
3. Youth for the Quality Care of Animals (YQCA) is **required prior to June 1 of current year** for Beef, Dairy, Goats, Sheep, and Swine. Training is available online at <https://yqcaprogram.org/> or may be hosted in a face-to-face format within the unit. This is an annual training course and must be completed every year in order to continue to exhibit livestock projects.
4. Quality Assurance and Ethics Certification (QAEC) is **required prior to June 1 of the current year** for members exhibiting Horse, Poultry, Rabbit, Cat and Dog projects. Members must complete the certification in order to remain enrolled in the project area and be eligible to exhibit their project. **Once a member has completed the certification, they will not have to repeat the course.** The QAEC website is <http://web.extension.illinois.edu/qaec>.
5. In livestock areas, switching animals is NOT allowed under any circumstances unless an animal has been weighed in as an extra and has been properly tattooed, tagged, weighed and noted with the Extension Office and has met all date requirements. All exhibits must be shown by the exhibitor themselves.

6. All animals must be owned by the 4-H member by the required ownership dates. All animals are to be personally cared for by the 4-H member. Members must follow the current year Illinois Extension Birth, Ownership and Tattoo Dates for Illinois State Fair Junior Show. The guide can be found online at <https://uofi.app.box.com/s/cc573d4zhn9x69curn8yh79cu2qh4z61/file/1123907887967>
7. Exhibitors must keep pens and walkways clean and dry at all times. Extra care should be taken to not use excessive amounts of water in pens. Please remember that it is a privilege to be able to use the facilities at our county fairground's location and we should treat the property with respect and consideration. Cleaning up behind our events is of utmost importance. Livestock exhibitors should be aware that they **will be expected to clean out their stall areas** at the conclusion of the show. Extension Staff or other designated personnel reserve the right to dismiss you and your livestock project from the fairgrounds if pens/stalls are not kept clean.
8. **PARENTS AND OTHER FAMILY MEMBERS ARE NOT PERMITTED IN THE SHOW ARENA.** Exhibitors, judges, designated show assistants, and Extension staff are the only people allowed in the show arena during judging. **ALL OTHERS WILL BE EXCUSED.**
9. **NO TIE-UPS WILL BE ALLOWED INSIDE THE SHOW ARENA DURING JUDGING.** All livestock must be outside the show arena during livestock shows unless entered in class being judged.
10. All exhibitors are expected to wear appropriate show attire for the species they are showing. Open toe shoes, crocs, or half shoes, shorts, skirts, baseball hats are not acceptable for any animal shows. Show attire requires a shirt with sleeves, jeans/pants, boots or shoes with backs.
11. Members are expected to be on time for all 4-H shows. To ensure that the show runs in a timely fashion, please plan to have your animals near the arena gate one class prior to your own class. No classes will be re-run or repeated for any reason.
12. Champions will be selected from first-place, A-rated animals. Reserve Champions may be selected from the remaining first-place animals. The second-place animal in the class of the champion can be called into the ring for consideration at the judge's discretion. Extension Staff and or designated personnel will decide on the number of champions/reserve champions based on number of entries.
13. If a youth has more than one animal in a champion drive, they must ask another current 4-H member to assist in leading their animals. Younger siblings of Cloverbud age and non-4-H youth are NOT allowed to lead animals.
14. Each exhibitor must groom his or her own animal and may only use the assistance of an immediate family member, Extension Volunteer, or another 4-H member and his or her family who is an exhibitor at the show. Professional fitting and grooming are prohibited.
15. Questions concerning 4-H shows and 4-H events should be directed to Extension staff **PRIOR** to the show/event.
16. **Extension staff reserve the right to combine or split classes based on number of entries and space in the show arena. Please look for and expect class revisions from Extension Staff to be posted/announced in advance of the show.**
17. Parents should make provisions for the adequate care and supervision of exhibitors. Parents are responsible for supervision of their 4-H members staying overnight at the Fairgrounds. Quiet hours in the livestock barns will be posted and enforced.
18. **Unruly animals and sick/diseased animals will not be allowed to show.**
19. **No longhorn cattle are allowed at 4-H shows.**

4-H BEEF SHOW

Show Rules

- All Exhibitors must read the [4-H Show Policies](#) listed on pages 2-5 and [Livestock General Rules](#) on page 56-57.
- Exhibitors check in 30 minutes before the show.
- The number and size of weight classes will be determined by day of the show.

BREEDING BEEF	All Purebreds	Crossbred
Bull Calf 6 months and under	R1000	R1001
Calf 6 months and under	R1002	R1007
Heifer Calf 6 to 12 months	R1003	R1008
Yearling Heifer 12 to 18 months	R1004	R1009
Heifer 18 to 24 months	R1005	R1010
Cow	R1006	R1011

MARKET BEEF	All purebreds	Crossbred
Market Heifer	R1012	R1014
Market Steer	R1013	R1015

previous year

Showmanship

- **Senior Showmanship** – ages 15 to 18 as of September 1 of previous year
- **Intermediate Showmanship** – ages 12 to 14 as of September 1 of previous year
- **Junior Showmanship** – ages 8 to 11 as of September 1 of

4-H DAIRY CATTLE SHOW

Show Rules

- All Exhibitors must read the [4-H Show Policies](#) listed on pages 2-5 and [Livestock General Rules](#) on page 56-57.
- Exhibitors check in 30 minutes before the show.
- Recommended Attire: Dairy exhibitors are encouraged to wear white pants, shirts and shoes.
- Be sure and check with local Extension Staff in advance of the show regarding possible registration paper requirements for exhibiting females as a purebred.

DAIRY CATTLE	All Purebreds	Crossbred
Calf 6 months and under	R1100	R1105
Heifer Calf 6 to 12 months	R1101	R1106
Yearling Heifer 12 to 18 months	R1102	R1107
Heifer 18 to 24 months	R1103	R1108
Cow 24 months and up	R1104	R1109

Showmanship

- **Senior Showmanship** – ages 15 to 18 as of September 1 of previous year
- **Intermediate Showmanship** – ages 12 to 14 as of September 1 of previous year
- **Junior Showmanship** – ages 8 to 11 as of September 1 of previous year

4-H GOAT SHOW

Show Rules

- All Exhibitors must read the [4-H Show Policies](#) listed on pages 2-5 and [Livestock General Rules](#) on page 56-57.
- Exhibitors check in 30 minutes before the show.
- Each goat will need to have a Scrapie Tag. Members are responsible for ordering their own tags.
- The number and size of weight classes are determined on the day of the show.
- All goats must have a collar or chain.

BREEDING GOATS	Dairy	Meat	Miniature/Pygmy
Buck Under 6 months	R1200	R1201	R1202
Doe 6 Months and Under	R1203	R1208	R1213
Doe 6 to 12 months	R1204	R1209	R1214
Doe 12 to 18 months	R1205	R1210	R1215
Doe 18 to 24 months	R1206	R1211	R1216
Doe 2 years and over	R1207	R1212	R1217

MARKET GOATS	Dairy	Meat
Market Wether	R1220	R1218
Market Doe	R1221	R1219

Showmanship

- **Senior Showmanship** – ages 15 to 18 as of September 1 of previous year
- **Intermediate Showmanship** – ages 12 to 14 as of September 1 of previous year
- **Junior Showmanship** – ages 8 to 11 as of September 1 of previous year

4-H SHEEP SHOW

Show Rules

- All Exhibitors must read the [4-H Show Policies](#) listed on pages 2-5 and [Livestock General Rules](#) on page 56-57.
- Exhibitors check in 30 minutes before the show.
- Market Animals may be wethers or ewes.
- Each sheep will need to have a Scrapie Tag. Members are responsible for ordering their own tags.
- Market Lambs must be slick sheared.
- The number and size of weight classes are determined on the day of the show.

BREEDING SHEEP	Hair Sheep	All Other Wool Purebreds	Crossbred
Ram Lamb Under 6 months	R1300	R1301	R1302
Ewe Lamb Under 6 months	R1303	R1307	R1311
Ewe Lamb 6 to 12 months	R1304	R1308	R1312
Yearling Ewe Lamb 12 to 24 months	R1305	R1309	R1313
Aged Ewe Over 2 years and had a lamb	R1306	R1310	R1314

MARKET LAMBS	Hair Sheep	All Other Wool Purebreds	Crossbred
Market Wether	R1315	R1319	R1317
Market Ewe	R1316	R1320	R1318

Showmanship

- **Senior Showmanship** – ages 15 to 18 as of September 1 of previous year
- **Intermediate Showmanship** – ages 12 to 14 as of September 1 of previous year
- **Junior Showmanship** – ages 8 to 11 as of September 1 of previous year

4-H SWINE SHOW

Show Rules

- All Exhibitors must read the [4-H Show Policies](#) listed on pages 2-5 and [Livestock General Rules](#) on page 56-57.
- Exhibitors check in 30 minutes before the show.
- Gilt and barrows are allowed to show. No boars or sows are allowed.
- Market hogs will be weighed in prior to show.
- The number and size of weight classes will be determined by the day of the show.

BREEDING SWINE	Yorkshire	Hampshire	Berkshire	Duroc	Spot	All Other Purebreds	Crossbred
January Gilt Born between Jan. 1 and Jan. 31 of current year	R1400	R1403	R1406	R1409	R1412	R1415	R1418
February Gilt Born between Feb. 1 and Feb. 28 of current year	R1401	R1404	R1407	R1410	R1413	R1416	R1419
March Gilt Born on or after Mar. 1 of the current year	R1402	R1405	R1408	R1411	R1414	R1417	R1420

MARKET SWINE	Yorkshire	Hampshire	Berkshire	Duroc	Spot	All Other Purebreds	Crossbred
Market Gilt	R1421	R1423	R1425	R1427	R1429	R1431	R1433
Market Barrow	R1422	R1424	R1426	R1428	R1430	R1432	R1434

Showmanship

- **Senior Showmanship** – ages 15 to 18 as of September 1 of previous year
- **Intermediate Showmanship** – ages 12 to 14 as of September 1 of previous year
- **Junior Showmanship** – ages 8 to 11 as of September 1 of previous year



Illinois Extension

UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

For questions about the Regional Showcase,
please contact your local Illinois Extension Office
and speak with the 4-H staff.

College of Agricultural, Consumer and Environmental Sciences
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