2020
Monroe County 4-H Showbook

IMPORTANT DATES:

Public Presentations (must be enrolled in a Communications project)
Tuesday, April 14, 6:30pm
Monroe County Annex

4-H County Horse Show
Saturday, May 30, 9:30am (*subject to change due to weather)
Monroe County Fairgrounds

Food Demonstration Show
Monday, June 1, 7:00pm
Monroe County Annex

4-H, Jr. and Open Livestock Entry Night
Wednesday, June 24, 6:00– 8:30pm
Monroe County Fairgrounds

Show-A-Rama
Saturday, June 27, 8:30-10:30am
Immanuel Lutheran Church Hall, Waterloo

Project Recognition
Saturday, June 27, 12:30pm
Immanuel Lutheran Church Hall, Waterloo

**Monroe County Fair: Horticulture, Crops, Plants & Soils
AND 4-H Livestock Shows**
July 19-26
Monroe County Fairgrounds

Monroe County Day at IL State Fair
Sunday, August 16
Illinois State Fairgrounds, Springfield

4-H Youth Development provides the opportunity for youth to feel a sense of belonging, develop independence, practice generosity, and experience mastery.

**COLLEGE OF AGRICULTURAL, CONSUMER
& ENVIRONMENTAL SCIENCES**

Office Contact Info:

University of Illinois Extension
Address: 901 Illinois Ave., P.O. Box 117, Waterloo, IL 62298
Phone: 618-939-3434
Fax: 618-939-7708
Website: web.extension.illinois.edu/mms
Facebook: University of Illinois Extension: Monroe County 4-H

Office Staff:
❖ Amy Cope, County Extension Director
❖ Rachel Hazen, 4-H Youth Development Educator
❖ Kelly Brandt, 4-H Program Coordinator
❖ Mary Kay Rahn, Office Support Associate
❖ Paige Brown, Office Support Associate

CLUBS	LEADER(S)	CONTACT INFO
Backyard Bandits	Heidi Ruwald Amy Halleran, Stephanie Wells	Phone: 458-6562, Email: hruwald@hotmail.com
Bushy Prairie	Tina Woodcock	Phone: 618-972-7509 Email: twoboysandsomegoats@gmail.com
Clover Friends	Raeleen Neary Annette Schreder	Phone: 473-9137, Email: raeleen1969@gmail.com Phone: 473-2925, Email: schreder84@hotmail.com
Crusading Eagles	Andrew Schaefer	Phone: 618-975-6407, Email: schaeferag@gmail.com
Golden Eagles	Kathy Reifschneider Connie Vogt	Phone: 939-6871, Email: kreifschneider4@gmail.com Phone: 741-0610, Email: cvtravel@htc.com
Lucky 4-H	Debbie Eckart Randy Gummersheimer	Phone: 458-6912, Email: abceckar@gmail.com Phone: 939-8024, Email: mgummersheimer@htc.net
Maeystown Clovers	Lisa Schwarze Afton Schwarze	Phone: 458-6462, Email: maeystownclovers@yahoo.com
Hoofbeats Comp. Team	Krista Olson	Phone: 618-473-3229 Email: kmo6978@yahoo.com
Monroe Co. Hoofbeats	Staci Casto Jamie Lester	Phone: 618-514-1486, Email: scasto@belleville118.org Phone: 618-741-4286, Email: jamie.lester@ascentcorp.com
Moonlight Boys & Girls	Amanda Marquardt	Phone: 935-2520, Email: amrab@htc.net
Sunshine	Sharon Barbeau Kimberly Doiron	Phone: 939-8301 Phone: 618-691-8071, Email: kimberly.barbeau@charter.net
Archery Shotgun Air Rifle Hunting/Outdoor Skills Pistol	Gene Kraemer Brian Garleb Lyle Cope Mike Gross Gene Kraemer/Lonnie Buatte	Phone: 314-681-2289, Email: horsesplus3@live.com Phone: 618-363-0533, Email: BrianGarleb@gmail.com Phone: 618-612-8121, Email: lylecope@gmail.com Phone: 618-304-1556, Email: mdgross68@gmail.com Phone: 314-681-2289, Email: horsesplus3@live.com

Club leaders should be contacted first regarding club questions. If additional help is needed, please contact the Extension Office Staff.

TABLE OF CONTENTS

MONROE COUNTY FAIR

MONROE COUNTY 4-H SHOW GUIDELINES

- 4-H Shows are open to all enrolled 4-H club members for the current 4-H year who:
    - **Are age 8 but not yet age 19 by September 1ˢᵗ of the previous year.**
    - **Have enrolled by February 1ˢᵗ of the current year.**
    - **Have attended at least four (4) club meetings during the project year prior to a show.**
    - **Presented a talk and/or demonstration at a club meeting during the project year.**

- All exhibitors must be *currently enrolled in the project for which they are exhibiting.*

- 4-H members are responsible for exhibiting ALL of their projects and are expected to be present while their project is evaluated. If a 4-H member must be absent for a 4-H show, they should consult the 4-H club leader or County Extension office.

- **INNOVATION CLASSES** are open to all 4-H members in the project areas listed. Members choosing to exhibit in the Innovation class may be enrolled in any level of the Project they are studying. Members choosing to exhibit in the Innovation class decide the best way to show off their project mastery and knowledge for the year in that project category. Some suggestions are provided for each category, but members may choose any method they want for demonstrating project learning as long as it does not fit in any other class in that category. Only selected projects categories have an Innovation option.

- **READY4LIFE CLASSES** (Career & Entrepreneurship Exploration) are open to any 4-H member who was at least 11 by September 1, of the previous year. Members choosing to exhibit in the Ready 4 Life class may be enrolled in any level of the Project they are studying. Exhibits should show the connection between the project area and related career or business opportunities. Members may choose any method they want for demonstrating project learning. Counties are eligible to send one Ready 4 Life exhibit for each project category in addition to the total allowed for that division.

- 4-H members are required to be present during a County 4-H Project Show to be eligible for State Fair consideration. No Skype or Face Time sessions will be allowed. If you need a reasonable accommodation to participate in this program, please contact the Extension office at 939-3434. Early requests are strongly encouraged to allow sufficient time for meeting your access needs.

- Youth must bring project(s) at designated judging times to ensure proper judge is present.

- Exhibits illustrating inappropriate subject matter and/or graphics are not acceptable. Extension Staff reserves 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 of the University of Illinois Extension program or the Illinois State Fair.

- Some exhibit areas may have size limitations. Read the descriptions carefully. Please choose a display size which is most appropriate for the exhibit you are bringing. Larger does not always mean better; use good judgement in creating your exhibit. If an exhibit is selected for State Fair, please note that you may need to carry your project from a distant parking lot to the exhibit area.

- NO EQUIPMENT WILL BE PROVIDED FOR ANY EXHIBITS. This includes *Computers, DVD/CD players, etc.* Exhibitors MUST furnish any equipment they feel is necessary to properly critique their exhibit. Video/Filmmaking exhibitors must follow the guidelines provided to show their project (i.e. YouTube, DVD, USB, laptop, etc.)

- All exhibits must remain in place until the time specified.

- 4-H members enrolled in livestock projects are eligible to exhibit TWO entries per class, but will ONLY be paid premium for ONE animal per class, the highest rating animal.

- 4-H members are not allowed to wear business promotional clothing when showing projects. Members are encouraged to dress in neat and clean attire.

- ALL exhibits must be products of the current 4-H year, excluding livestock.

- The Danish system of awards will be used for all 4-H exhibits awarding **Blue, Red and White** ribbons, according to merit.

- Members must also be **eight** years old as of September 1 of the previous year to be eligible to advance to State Fair in a general project.

- 4-H members MUST follow the project requirements as stated in this 4-H Showbook for general projects to be eligible for State Fair.

ILLINOIS STATE FAIR GUIDELINES

DISCLAIMER

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

- Exhibitors must be present at the County 4-H Show and be pre-selected for State Fair representation by their county 4-H Extension program as a State Fair Exhibitor (except for livestock).

- Exhibitors must be currently enrolled as a 4-H member and have been at least 8 years old as of September 1, 2018. Parents and leaders should make provisions for the adequate care and supervision of exhibitors.

- Exhibitors must follow the project requirements exactly as listed in this Showbook, unless other directions are provided.

- State Fair Designated Conference Judging Exhibit Day for Monroe County is **SATURDAY, AUGUST 16, 2020.** Due to the nature of the conference judging process, exhibitors must be present with the exhibit that they have made for judging on their assigned county exhibition day. Scheduling adjustments for religious reasons may be requested by contacting the Illinois State 4-H Office@ illinois4H@illinois.edu by August 1, 2020.

- Exhibitors must be present for judging. No Skype or Face Time sessions will be allowed. If a 4-H member needs a reasonable accommodation to participate in the General Project Show, please contact the State 4-H Office at illiois4H@illinois.edu by August 1, 2020. Early requests are strongly encouraged to allow sufficient time for meeting your access needs.

- Members may enter ONLY ONE exhibit class at the Illinois State Fair. This also applies to exhibitors who are enrolled in projects in two different counties. If they are identified as a state fair delegate in two counties, they will have to choose one individual and/or group project to exhibit.

- All exhibitors from a county will exhibit the same day. A 4-H member may also show in the junior livestock show, but they must be present at the required time for their general project judging. If possible, attempts will be made to accommodate livestock exhibitors within the judging time span, but no premium will be awarded if the exhibitor misses their judging time.

- The County Extension office will provide official exhibit tags for all exhibitors prior to the state fair. This entry tag should be completely filled out and securely attached to the exhibit. County exhibit tags and ribbons should be removed.

- Some exhibit areas may have size limitations. Read the descriptions carefully. Please choose a display size which is most appropriate for the exhibit you are bringing. Larger does not always mean better; use good judgment in creating your exhibit. Exhibitors will need to carry their project from the distant parking lots on the fairgrounds.

- The General Project Exhibit will be held in the Orr Building of the state fairgrounds. Members must drop off their projects any time from 8:00 to 9:30 a.m. All projects should be in place by 9:30. Judging is scheduled throughout the day. The judging schedule will be posted in each area. Members should check the judging schedule and return to the judging area about 10 minutes before their scheduled judging time. Projects must remain on display throughout the day until **4:00 p.m.** All projects must be removed no later than 4:30 daily. <u>If you cannot remain until 4:00, you may make arrangements with another person from your county to pick up your project on your behalf, as long as you provide them your claim ticket.</u>

- All exhibitors will receive an Award of Excellence ribbon for participating. Approximately 25% of the exhibitors will be awarded Superior or Best in Action awards at the judges' discretion. Judges take into account the display and information provided during the interview in determining Superior awards. Exhibitors who do not follow the exhibit class guidelines and requirements are ineligible to receive a Superior award. The judge's decision that is posted on the official judge's class list is final unless it has been determined that an exhibitor has not followed the guidelines or rules for that exhibit class.

- Premium checks will be awarded to those exhibitors who receive a Superior award. The amount of the individual premium is determined by total number of Superior awards given. Exhibits must remain on display until the posted release time or whenever judging is completed, whichever is later.

PREMIUM GUIDE

Projects are valued on a point system based on grades of Blue, Red & White. Some more difficult and time consuming projects are given higher values. The dollar amount is then calculated using an X factor, which depends on the total premium dollars allowed by the State of Illinois.

4-H HORSE SHOW
JUDGING: May 30, 2020, 9:30am
Monroe County Fairgrounds
*(*subject to change due to weather)*

Horses

CLASS NO.	PROJECT
A0601A	English Showmanship, Beginner
A0601B	English Showmanship, Intermediate
A0601C	English Showmanship, Advanced
A0601D	Western Showmanship, Beginner
A0601E	Western Showmanship, Intermediate
A0601F	Western Showmanship, Advanced
A0601G	English Equitation, Beginner
A0601H	English Equitation, Intermediate
A0601I	English Equitation, Advanced
A0601J	Western Horsemanship, Beginner
A0601K	Western Horsemanship, Intermediate
A0601L	Western Horsemanship, Advanced
A0601M	Barrel Race, Beginner (walk, trot only)
A0601N	Barrel Race, Advanced (walk, trot, lope)
A0601O	Pole Bending, Beginner (walk, trot only)
A0601P	Pole Bending, Advanced (walk, trot, lope)

Notes:

- Pleasure riding members are eligible for English or Western Showmanship and English or Western pattern class only.

- Speed riding members are eligible for Barrel Race and Pole Bending only.

- An Agreement to Assume Risk and Release from Liability form AND a Permission to Participate form (next page) must be signed prior to participating in the 4-H Horse Show.

- ****IMPORTANT****: All 4-H members are **required** to wear a properly fitted ASTM or SEI standard F1163 (or above) certified equestrian helmet whenever mounted or driving at all 4-H horse and pony events, shows, activities, or practices. Original tags must be present in all approved helmets. The 4-H member is responsible to see that this specified headgear is properly fitted with the approved harness fastened snugly in place whenever mounted. Helmet policies apply to all county, area, and state 4-H horse and pony events, shows, and activities.

- Additional information regarding this show will be sent to all 4-H horse project participants. If you do not receive this information please contact the Extension office at 618-939-3434.

Monroe County 4-H Horse Show - Permission to Participate

The Illinois Equine Liability Act requires sponsors to provide the following warning to participants:

> *Warning: Under the Equine Activity Liability Act, each participant who engages in an equine activity expressly assumes the risks of engaging in and legal responsibility for injury, loss or damage to person or property resulting from the risk of equine activities.*

As parent or guardian of, _____, I am aware that activities involving
                               Name of Participant

horses, ponies and other equines are associated with the following risks including but not limited to:

1. *the propensity of an equine to behave in ways that may result in injury, harm, or death to persons on or around them,*
2. *the predictability of an equine's reaction to sounds, sudden movement, and unfamiliar objects, persons, other animals, or other things,*
3. *certain hazards of surface or subsurface conditions,*
4. *collisions with other equines or objects,*
5. *the potential of a participant to act in a negligent manner that may contribute to injury to self or others.*

In addition, this event has the risks of classes involving jumping over obstacles and fences; racing against time obstacles; multiple horses in classes and in/around the barns housing the horses.

I understand that the University of Illinois Extension has taken the following steps to make the Monroe County 4-H Horse Show safe for participants, the public and their property: rented and examined obstacles that are safe; encouraged parents to provide adequate supervision of exhibitors; printed recommendations and rules in the Monroe County Show Book and posted additional information at the fairgrounds; provided volunteer staff who are familiar and comfortable around equine; and provided special insurance for hunting and racing classes through the University of Illinois Office of Risk Management.

I understand and agree to follow these rules.

_____
        4-H Participant Signature

I understand the risks associated with this event and give _____
                                                                        Name of Participant

permission to participate during the 2020 Show.

_____
Parent/Guardian Signature   Date

Please turn in this completed release form to the University of Illinois Extension Office prior to the start of the 4-H Horse Show.

PUBLIC PRESENTATIONS SHOW

JUDGING: Tuesday, April 14, 6:30pm
Monroe County Annex

COMMUNICATIONS: PUBLIC PRESENTATIONS

Enrollment in the Public Presentations project is required to exhibit in this section.
No live animals are allowed in speeches.

CLASS #	PROJECT
XXXXX	**Formal Speech |Self-written	Notes Allowed	No props	Individual	4-8 minutes**

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

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

XXXXX   **Illustrated Speech | Self-written | Notes allowed | Illustrations Required | Individual | 4-8 minutes**

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

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

XXXXX   **Original Works | Self-written | Notecards allowed | Props and Costumes Allowed | Individual or 2-Person Team | Manuscripts sent in Advance | 4-8 minutes**

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

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

6

XXXXX **Oral Interpretation | Published work | Props and Costumes Allowed | Individual or 2-Person Team | Manuscripts sent in Advance | 4-8 minutes**

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

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

State 4-H Public Presentations Contest
Date: Saturday, June 9
Location: Richland Community College, Decatur, IL
Number of Participants: Each county may send a total of **three (3) participants** to the state contest. Youth should be selected in a local qualifying contest. Participants may come from any combination of the public presentation classes.
- Formal speech
- Illustrated speech
- Oral Interpretation
- Original Works

- Classes in Public Presentations will be scored competitively and the best exhibitors of each class on each day will receive special recognition. Judges reserve the right to not award "Best Exhibitor" ribbons in classes where a high quality of performance is not attained by any exhibitor.

- Exhibitors should come prepared to tell stage crew where they want props, microphone, etc. placed on stage. Presentations may take place in "open" rooms or theaters-the general public will be moving in and out of the rooms. The only equipment provided (*upon request*) will be a podium, table, screen LCD projector, and extension cord. Requested items should be noted on 4-H Online electronic entry notes. (NOTE: This includes the brand/type of laptop that the exhibitor will be bringing so we have the appropriate adaptor for the projector.)

- No parents or supervising adults will be permitted in the staffing areas or to assist with equipment being used in the presentation. State Fair staff assistance can be requested in advance; Requests should be noted on 4-HDMS entry notes. No live animals are allowed in illustrated speeches due to restrictions on certain animals entering the fairgrounds.

- Classes are for INDIVIDUAL member entries *unless otherwise stated*.

- The content of any 4-H competitive presentation does not necessarily reflect the beliefs or views of the Illinois State Fair or the University of Illinois Extension 4-H program.

FOOD DEMONSTRATIONS

Judging: June 1, 7:00pm

Monroe County Annex

<div style="border:3px solid black; padding:20px;">

FOOD DEMO AWARD

*The **Monroe County Farm Bureau Women's Committee***

will sponsor an award for the use of

__SOY__ products in a Food Demonstration recipe.

(i.e. oil, milk, yogurt, tofu, edamame, flour.)

</div>

CLASS #	PROJECT
XXXXXX	**Food Demonstrations:** (Not eligible for state fair.)

Food demonstrations should be approximately 8-10 minutes in length; however there will not be a time penalty. The time limit will be taken into consideration at the judges' discretion. Demonstrations may be done by an individual or team of two members. Refer to the ***Illinois 4-H Foods Demonstration Guide*** here: https://extension.illinois.edu/sites/default/files/20_food_demo_guide.pdf.

Exhibitors are responsible for furnishing all equipment and supplies. The food demonstration must relate to the state-offered project area in which the member(s) is/are enrolled.

NOTE: Participating in a Food Demonstration does not satisfy the 4-H Show requirements for Cooking projects. Please see page 33.

SHOW-A-RAMA

Judging: Saturday, June 27

Immanuel Lutheran Church Hall, 522 S. Church St., Waterloo

A judge will be available for the following project areas:

<u>Anytime between 8:30am - 10:30am</u>

- **Animal Science** (Beef, Cat, Dairy, Dog, Goat, Horse, Poultry, Rabbit, Sheep, Small Pets or Swine NOT showing a live animal)

- **Vet Science**

- **Clothing & Textiles, Interior Design, Child Development**

- **Small Engines, Tractor, Welding**

- **Woodworking**

- **Shooting Sports**

- **Natural Resources, Outdoor Adventures, Sportsfishing, Wildlife, Environment, Entomology, Beekeeping, Forestry, Geology, Weather**

- **Aerospace, Computer Science, Electricity, Robotics, Filmmaking/Video, Technologies, UAV's (Drones)**

- **Photography**

- **Food & Nutrition, Food Science, Sports Nutrition**

- **Food Decorating**

- **Visual Arts, Floriculture**

- **Bicycle, Civic Engagement, Collectibles/Exploratory, College & Career Readiness, Communications/Journalism, Consumer Education, Family Heritage, Exploratory, Diversity, Health, Intercultural, Journalism, Leadership, Theater Arts**

- **Cloverbuds** (NOTE: Cloverbuds are not required to show a final project, however, we encourage them to take the opportunity to experience conference judging. All Cloverbuds who show a project will receive a ribbon for participation.)

(Note: Classes that are noted by XXXXX indicate ineligibility for State Fair)

MAKER

CLASS #   **PROJECT**

50400   All projects are eligible to exhibit under the Maker class where indicated.

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

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

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

ANIMAL SCIENCE AND VET SCIENCE

Animal Science

2 top exhibits from class #50135 and 1 exhibit from #50137 may be selected for State Fair.

Open to members enrolled in the following categories who are NOT showing a live animal:
Beef, Cat, Dairy Cattle, Dog, Goat, Horse, Poultry, Rabbit, Sheep, Small Pets, Swine

CLASS #	PROJECT
50135	**Animal Science:**

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

50137   **Animal Science Ready4Life Challenge: (Open to 11-18 year-olds enrolled in any Animal Science project)**
Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

   ***This project is eligible for the Maker class. See page 10 for more info.**

Veterinary Science

1 top exhibit from class #50320 and 1 exhibit from #50322 may be selected for State Fair.

CLASS #   **PROJECT**

50320   **Veterinary Science 1, 2 or 3:** Prepare a display focusing on any activity related to the veterinary science project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

50322   **Veterinary Science Ready4Life Challenge: (Open to 11- 18 year-olds enrolled in any Veterinary Science project)**
Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

CAREER & LEADERSHIP DEVELOPMENT

College & Career Readiness
1 top exhibit from class #50365 and 1 entry from #50366 may be selected for State Fair.

CLASS #   **PROJECT**

50365   **Build Your Future:** 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.

50366   **College & Career Ready4Life Challenge: (Open to 11- to 18-year-olds enrolled in the College & Career project)**
Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

   *This project is eligible for the Maker class. See page 10 for more info.

Consumer Education

2 top exhibits from class #50168, #50169 and 1 entry from #50167 may be selected for State Fair.
The use of page protectors is recommended.

CLASS #	PROJECT
XXXXXX	**Entrepreneurship: Be the E!** (Not eligible for state fair.) Exhibit a binder portfolio or display that includes the results of at least two completed activities from each year exhibitor has been enrolled in the project. Completed activities from previous years should be included.

50168   **My Financial Future – Beginner:**

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

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

50169   **My Financial Future – Advanced:**

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

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

50167	**Consumer Ed Ready4Life Challenge:**
	(Open to 11- 18 year-olds enrolled in any Consumer Education project)

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

*This project is eligible for the Maker class. See page 10 for more info.

Leadership

3 top exhibits from class #50249, 50250, 50251, 50252, 2 entries from #50254 and 1 entry from #50255 may be selected for State Fair.

CLASS #	PROJECT
50249	**Leadership 1**: 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.

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

50250	**Leadership 2**: 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.

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

50251	**Leadership 3**: 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.

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

50252   **Leadership Innovation Class**:
(Open to youth who are enrolled in Leadership 1, 2 or 3) Demonstrate the skills and knowledge you have gained through the Leadership project. **Your exhibit should not fit in the other exhibit options for this project.** The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

50255   **Leadership Ready4Life Challenge: (Open to 11-18 year-olds enrolled in any Leadership project)**
Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

50254   **Leadership Group: (Open to clubs and groups whose members are enrolled in What's Leadership?)**
Exhibit a display illustrating how your group has used the 4-H Teens As Leaders model effectively in your club, community, school, or state. Leadership activities might include planning, advising, promoting, mentoring, teaching or advocating for change. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. The display must be accompanied by 3 or more 4-H members at the time of the judge's critique. Club members should make a 5- to 10-minute presentation to the judge**.** All club members present for the judge's critique should be able to discuss the project and answer questions. Only club members present for judging who participate in the actual critique and presentation are eligible for ribbons and premiums. Due to space limitations, exhibits are limited to 2'6" wide and 15" deep.

*This project is eligible for the Maker class. See page 10 for more info.

CREATIVE ARTS

Communications
Top 2 exhibits from class #50367,50368, 50369; and 1 entry from #50370 may be selected for State Fair.

CLASS #	PROJECT
50368	**Communications 1:**

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

50368   **Communications 2:**

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

50368   **Communications 3:**

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

50367   **Creative Writing:**

To provide the best learning experience, it is suggested that counties receive submissions in this class prior to the exhibition date to allow a judge adequate time to read the submissions and provide meaningful review.

Each member may submit only one entry per class. Each entry is to be typewritten on 8 ½ x 11 paper and include exhibitors name. Entries must be original and **written for the 4-H project**. Stories should be double-spaced. Poems may be single-spaced.

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

50369	**Journalism**

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

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

50370	**Communications Ready4Life Challenge:**

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

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

*This project is eligible for the Maker class. See page 10 for more info.

Interior Design

2 top exhibits from class #50242, 50243, 50244, 50245 and 1 exhibit from #50247 may be selected for State Fair.

CLASS #	PROJECT
50242	**Design Decisions, Beginning**:

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

50243	**Design Decisions, Intermediate**:

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

50244 **Design Decisions, Advanced**:
Any exhibit must have been created or redesigned by the exhibitor as part of their current Interior Design 4-H project. Exhibitors should be knowledgeable about various aspects of the project. Exhibits could include items such as, but not limited to, comparison studies of different products or techniques; made accessories, wall-hangings, window coverings, or furniture items; refinished or redesigned furniture; or a plan to solve some type of interior design problem. Exhibit should be appropriate to the exhibitor's age, skills and ability in this project.

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

50247 **Interior Design Ready4Life Challenge: (Open to 11-18 year-olds enrolled in the Interior Design project)**
Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

Photography

3 top exhibits from class #50268, 50269, 50270, 50271, 50272 and 1 from 50274 may be selected for State Fair.

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

ALL photos (including Photo Editing exhibits) must be accompanied by details of the camera settings that include:
  a. Camera/device used
  b. Aperture (F-stop)
  c. Exposure time (shutter speed)
  d. ISO (film/sensor sensitivity)
  e. Lighting used (flash, artificial, sunlight, other)
  f. Photo editing software/application used (required for ALL edits and retouches except for cropping)
  g. Filters used (lens filters and or digital/software filters)
     Members are allowed to shoot on a camera's automatic setting, but should be able to find the metadata information on the photo to discuss the information above.

The exhibition size requirements for all photographs will be:
Minimum image size: 5X7
Maximum image size: 8X10
Maximum exhibit size (including frame): 18X20

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

CLASS #   **PROJECT**
50268   **Photography 1:**
             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:**
             Exhibit one of the options listed below:
             • Exhibit one framed 8x10 close-up photograph using the skills learned on page 62-63 of the project manual titled "Bits and Pieces." No photo editing is allowed in this class except cropping and red eye removal; **OR**
             • Exhibit one framed 8"x10" photo which 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:**
               Exhibit one of the options listed below:
               - Exhibit one framed 8" x 10" still-life photo that demonstrates good composition, including color, form, texture, lighting and depth of field. No photo editing is allowed in this class except cropping and red eye removal; **OR**
               - Exhibit one framed 8"x10" photo which 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 in Photography 1, Photography 2, and Photography 3)**
               Exhibit one framed 8" x 10" photo that has been altered using digital photo-editing techniques (beyond cropping and red-eye reduction). Include a print of the original photo(s), taped to the back of the photo frame. Photos in which an automatic filter was applied at the time the photograph was taken will not be eligible for award.

50272   **Photography Innovation Class**:
               (**Open to youth who are enrolled in Photography 1, 2, or 3.**)
               Demonstrate the skills and knowledge you have gained through the Photography project. **Your exhibit should not fit in the other exhibit options for this project.** The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. All exhibits must include one framed photo illustrative of the work you are presenting.

50274   **Photography Ready4Life Challenge: (Open to 11-18 year-olds enrolled in any Photography project)**
               Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

Theater Arts

3 top exhibits from class #50299, 50301, 50302 and 1 entry for #50304 may be selected for State Fair.

CLASS #   **PROJECT**
50299   **Theatre Arts 1:** Exhibit one of the following items:
- Portfolio of acting activities completed during the current year (A video of performances is not considered a portfolio and will not be accepted for exhibit.); **OR**
- Display illustrating a drawing/photograph of a clown character created by the exhibitor; **OR**
- Display illustrating a picture story developed by the exhibitor.

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

50302   **Theatre Arts Innovation Class:**

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

50304   **Theatre Arts Ready4Life Challenge: (Open to 11-18 year-olds enrolled in any Theatre project)**
Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

Video/ Filmmaking

3 top exhibits from class # 50324, 50325, 50326, 50327, 50328 and 1 entry from # 50330 may be selected for State Fair.. Enrollment in the Video project is required to exhibit in the classes in this section. Entries in 360° video may be enrolled in video/film or computer science projects.

All Exhibitors must bring their video to be judged on a USB flash drive and saved in .MP4 format. Exhibitors are encouraged to post their video on YouTube.com in advance of State Fair. Exhibitors may choose whether to make the video "public, unlisted" (someone must have the link to view it), or "private" (only people you choose may view it). This will allow fairgoers to view the exhibits on display. There will be monitors at the exhibit table for viewing videos so exhibitors will NOT need to bring a laptop or device for viewing.

Requirements that apply to ALL video classes:
Video submissions should be no longer than five (5) minutes in length (unless noted differently in class description.). Videos are to be original and a result of the member's current year's work. Criteria for judging shall include:
(1) Evidence of story line;
(2) Use of camera angles;
(3) Use of zooming techniques; and
(4) Smoothness of scene changes.
> Image and sound quality will be considered in relation to equipment available to and used by exhibitor. All videos should comply with copyright regulations and display an image that is appropriate for 4-H audiences. No time or date should be imprinted on the video footage. All videos should include an opening title screen, as well as closing credits which include date of production, name of video exhibitor and research sources if appropriate. All Video/Filmmaking exhibitors should include a printed copy of online materials which will remain on display.

CLASS #	PROJECT

50324   **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 video.

50325   **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.

50326   **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, and/or interviews with experts or constituents related to the topic of investigation.

50327   **Short Story or Short Narrative:** Prepare a short video that tells a story. The video should demonstrate skills in making and editing video.

50328   **Video/Filmmaking Innovation Class**: (**Open to youth who are 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.

50330   **Video/Film Ready4Life Challenge: (Open to 11- to 18-year-olds enrolled in any Video/Film project)**
Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

Visual Arts Guidelines
The top entry from these projects may be selected for State Fair:

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

The top two entries from Chalk/Carbon/Pigment on canvas, paper or glass (Division A) 50336 may be selected for State Fair.

- Exhibitors must be enrolled in the Visual Arts project category in which they are exhibiting.

- Exhibitors are encouraged to date the project when it is made. All visual arts exhibits are evaluated using a visual arts rubric which takes into account correct use of design elements; craftsmanship; and creativity.

- Articles exhibited must be an original design created by the exhibitor (except in heritage arts which may follow a pattern AND Fiber-Non Original Ages 8-10 ONLY). Copyrighted or trademarked designs are not acceptable; this includes Team or School logos. Kits and preformed molds are not considered original and are not acceptable in any Visual Arts Class.

- Combining parts of different patterns (pictures, photographs, images from the internet or a magazine) with the member's own ideas can result in an original design, but simply changing the color, pattern and/or size of a pattern does NOT make the design original. This also applies for ideas found on a site such as Pinterest. If you see something on Pinterest that you like, use the concept and create something different using the concept; however it MUST NOT look exactly like something the judge can search for and find on Pinterest. The exhibit must combine parts of different patterns and/or ideas with the concepts of the member, however changing the color or changing the size of the item or pattern used does NOT make it original. If you create a replica of what you see somewhere else, it is not your original design. If a photo, sketch, or other idea source was used, submit it with your entry, firmly attached to your exhibit. Be prepared to explain how and where you got the idea for this project.

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

- Neither the Monroe County Extension Office, Illinois State Fair nor 4-H will assume liability for loss or damage which may occur to artwork exhibited. All possible precautions will be taken to protect the exhibits.

- At the State Fair, Exhibitors must be able to carry or cart their exhibits across the fairgrounds from the parking lots.

Visual Arts
1 top exhibit may be selected for State Fair in each class of the following classes:
- Paper
- Fiber
- Fiber Arts Non-Original (for 8-10 year olds only)
- Clay
- Wood
- Glass/Plastic
- Metal
- Nature
- Computer-Generated Art
- Three-Dimensional Design/Mixed Media
- Heritage Arts
- Scrapbooking
- Food Decorating
- Chalk/Carbon/Pigment created on wood, metal or textiles

2 entries may be selected in Chalk/Carbon/Pigment created on canvas, paper or glass.
1 entry may be selected in the Ready4Life Challenge Class

CLASS #	PROJECT

50332 **Visual Arts Food Decorating Beginning** – Exhibit one of the following:

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

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

50334 **Visual Arts Food Decorating Advanced** – Exhibit the following:
Exhibit a decorated, stacked and/or tiered cake, using a minimum of four Level 3 techniques. Exhibit may use cake OR cake form.

50335 **Visual Arts Food Decorating Master** – Exhibit the following:
Exhibit to include a one-page written description of your project, including goals, plans, accomplishments, and evaluation of results. Include up to four pictures of your accomplishments **AND** exhibit an original design decorated cake using more than five techniques. Exhibit may use cake OR cake form.

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

50336 **Division A: Canvas, Paper, Glass**:

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

50352	**Division B: Wood, Metal, Textiles:**

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

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

50339	**Visual Arts Fiber**:

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

50350	**Visual Arts Fiber Non-Original AGES 8-10 ONLY**

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

50340	**Visual Arts Glass/Plastic:**

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

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 openwork), macramé, baskets, candles, pysanki (decorated eggs), leather, quilts, baskets (made using a traditional pattern), traditional handmade dolls with handmade costumes, or candles. No machine quilting allowed in Heritage Arts. Exhibitors must also bring 1) the pattern or a copy of the pattern they used to create their traditional art; and 2) a description of the traditional origins of their art choice.

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 techniques.

50342   **Visual Arts Metal**:
Any original item made of metal such as sculpture, tin punch, engraved metal, and jewelry. Items intended for industrial use (as tools and/or shop items) are not considered part of this Visual Arts project and are not eligible for entry. Metal items that have been partially or totally created through the use of laser cutting programs/devices should be entered in Computer-Generated Art.

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. Articles such as dried pressed flowers may be displayed under glass since it is necessary for protection/preservation of the natural materials. Candles are not suitable as entries. All baskets should be entered in Heritage Arts.

50344   **Visual Arts Paper**:
Any original item made of paper. Examples could include origami; greeting cards; paper-cut designs, paper mache, hand-made paper, paper collage, paper models of architecture, quilling, etc. Paper twist articles, made from directions in craft books and stores ARE NOT original and are not appropriate for this class. Scrapbooks should be exhibited in Visual Arts Scrapbooking.

50345   **Visual Arts Scrapbooking, Beginning:**
Exhibit one album or notebook, either 8 ½" x 11" or 12"x12", with a front and back cover. The album/notebook must have a minimum of 4 pages (front and back, 8 sides), exhibited in page protectors. "Embellishments" are defined as the decorations or special details and features that add to a page and make it more visually appealing. Embellishments may include, but are not limited to, ribbon, clips, special lettering, etc. Beginners must use a minimum of four embellishments and tell a story with pictures.

50346   **Visual Arts Scrapbooking, Intermediate:**
Exhibit one album or notebook, either 8 ½" x 11" or 12"x12", with a front and back cover. The album/notebook must have a minimum of 4 pages (front and back, 8 sides), exhibited in page protectors. "Embellishments" are defined as the decorations or special details and features that add to a page and make it more visually appealing. Embellishments may include, but are not limited to, ribbon, clips, special lettering, etc. Intermediate level exhibitors must use a minimum of eight embellishments and tell a story with pictures and journaling.

50347   **Visual Arts Scrapbooking, Advanced:**
Exhibit one album or notebook, either 8 ½" x 11" or 12"x12", with a front and back cover. The album/notebook must have a minimum of 4 pages (front and back, 8 sides), exhibited in page protectors. "Embellishments" are defined as the decorations or special details and features that add to a page and make it more visually appealing. Embellishments may include, but are not limited to, ribbon, clips, special lettering, etc. Advance level exhibitors must use a minimum of 12 embellishments and tell a compelling story with pictures, journaling, and other media.

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 preformed or assembled projects are not acceptable.

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 (e.g. outdoor or indoor furniture, shelves) should be entered in woodworking, not in visual arts. Popsicle stick crafts are not acceptable for State Fair entry. Wood items that have been partially or totally created through the use of laser cutting programs/devices should be entered in Computer-Generated Art. All Visual Arts Wood exhibits MUST have an artistic element that the exhibitor can explain. Furniture built by the exhibitor aligns with the Woodworking project area – unless the element to be judged is wood carving or wood burning that is one element of the exhibit. Exhibits will be judged using a Visual Arts Rubric and not a woodworking construction rubric.

50351   **Visual Arts Ready4Life Challenge: (Open to 11-18 year-olds enrolled in any Visual Arts project)**
Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

GLOBAL CIVIC ENGAGEMENT

Civic Engagement

2 top exhibits from entry #50145, 50146, 50147 and 1 from #50149 may be selected for State Fair.

Due to space restrictions, Civic Engagement 1,2 & 3 exhibits are limited to 2'6" wide and 15" deep.

CLASS #	PROJECT
50145	**Civic Engagement 1:** Exhibit a display illustrating one of the following options:

- personal information about yourself – who you are, things you like to do, things you are good at, your favorites;
- your feelings and how you handle these feelings;
- your family, their responsibilities, how you work together; **OR**
- the Family Pedigree that may include family group pages.

50146	**Civic Engagement 2:** Exhibit a display illustrating one of the following options:

- your neighborhood;
- how you were a good neighbor or led a service project for your community; **OR**
- a Citizenship Challenge that you helped organize and lead (see the project book for details).

50147	**Civic Engagement 3:** 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:

- Government;
- Business and Industry;
- Transportation, Communication & Utilities;
- Culture & Heritage;
- Natural Resources & Environment;
- Education;
- Organizations within your community;
- Tourism; **OR**
- Support Systems within your community.

50149	**Civic Engagement Ready4Life Challenge: (Open to 11-18 year-olds enrolled in any Citizenship project)** Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

Service Learning
Not eligible for State Fair

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

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

XXXXX **Service Learning 3**
Exhibit a binder portfolio to reflect what the exhibitor accomplished in the four steps of service learning. If the exhibitor has been enrolled in the project for multiple years (including Service Learning 1 & 2), the binder portfolio should include the previous years' work. Use of page protectors is recommended.

Exploratory
Not Eligible for State Fair

XXXXX **EXPLORATORY:**
Welcome to 4-H: Youth ages 8 – 10 may exhibit a display on one of the following topics from the project book.
- windowsill gardening;
- 4-H animals;
- 4-H family; **OR**
- coat of arms

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

Family Heritage

1 entry from class #50197; and 1 entry from 5019 may be selected for State Fair.

CLASS #	PROJECT

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 22" x 28" wide. If the size needs to be a different size because the historical item is larger than 22'x28" please contact the superintendents for approval.

50199 **Family Heritage Ready4Life Challenge**
Open to 11- to 18-year-olds enrolled in any Family Heritage project.
Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

Intercultural

1 top exhibit from class # 50233 or 50234, 1 exhibit from #50236 and 1 club entry from #50235
50235 may be selected for State Fair.
Due to space restrictions, exhibits are limited to 2'6" wide and 15" deep.

CLASS #	PROJECT

50233 **Passport to the World, Individual**:
Prepare a display illustrating what you have learned about a country's or U.S. **region's geography, economy, agriculture, people, language, housing, culture, music, crafts, clothing, holidays or other aspect.** Exhibit should be educational in nature and should not promote one's beliefs over another person's beliefs. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Include the project manual with completed sections that pertain to the exhibit information. Due to space restrictions, exhibits are limited to 2'6" wide and 15" deep.

50234   **Diversity & Cultural Awareness**
Create a display or binder portfolio that illustrates the results of a minimum of three (3) completed activities from the project book. Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.

50235   **Intercultural, Club, Includes *Passport to the World*, *Diversity & Cultural Awareness* and *Latino Cultural Arts* Projects:**
Exhibit a display illustrating the steps that the club has completed on the project selected for the year. Include a written outline or report of accomplishments and future goals. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what the club members have learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. The display must be accompanied by 3 or more club exhibitors at the time of the judge's critique. Club members should make a 5- to 10-minute presentation to the judge. All club members present for the judge's critique should be able to discuss the project and answer questions. Only club members present for judging who participate in the actual critique and presentation are eligible for ribbons and premiums. Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.

50236   **Intercultural Ready4Life Challenge: (Open to 11- to 18-year-olds enrolled in any Intercultural project)**
Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

HEALTHY LIVING & NUTRITION
Food & Nutrition
7 top entries total from any of these food classes #50200, 50201, 50202, 50203, 50204, 50208, 50211; and 1 entry from #50210 may be selected for State Fair.

CLASS #	PROJECT

50200   **4-H Cooking 101**
Using the recipes included in the project manual, prepare an exhibit of 3 cereal marshmallow bars; **OR** ¼ of 8" square or round coffeecake; **OR** 3 cookies. No icing should be on any products. If you make changes to the recipe, bring a copy of the recipe with your changes. Bars, coffeecake, or cookies should be displayed on a disposable plate placed in a zip-sealing plastic bag. *In addition to your food exhibit*, complete the *What's on Your Plate? Activity* on pages 10-11 in the 4-H Cooking 101 project manual. Bring a document with printed pictures of your 3 or more plates and the answers to questions 1-7 to remain on display with your project. The words on the plates must be legible and clearly visible in the picture. Pictures, graphics or photos are acceptable.

50201   **4-H Cooking 201**
Using the recipes included in the project manual, prepare an exhibit of 3 cheese muffins; **OR** 3 scones; **OR** ½ loaf (9" x 5") of basic nut bread. If you make changes to the recipe, bring a copy of the recipe with your changes. Bread, muffins, or scones should be displayed on a disposable plate placed in a zip-sealing plastic bag. *In addition to your food exhibit*, complete *Experiment with Meal Planning Activity* on page 91 in the 4-H Cooking 201 project manual. Bring either page 91 with your completed answers or a document with the answers to remain on display with your project along with a picture of the meal you prepared. You do **not** need to complete the Challenge Yourself section on page 91.

50202   **4-H Cooking 301**
Using the recipes included in the project manual, prepare an exhibit of 3 dinner rolls; **OR** loaf of yeast bread; **OR** 1 tea ring; **OR** 3 sweet rolls; **OR** one layer of a Rich White Cake or Rich Chocolate Cake, top side up (*without frosting*)*.* If icing is used on the tea ring or sweet rolls, the recipe for the icing must also come from the book. The yeast bread/roll dough may be prepared in a bread making machine; however prepared mixes are not permitted. If you make changes to the recipe, bring a copy of the recipe with your changes. Display exhibit on a disposable plate or pie tin and place in a zip-sealing plastic bag. *In addition to your food exhibit*, complete one of the six experiments: *Experiment with Flour* p. 33-34, *Experiment with Kneading* p. 35-36, *Experiment with Yeast* p. 37-38 or 39, *Experiment with Butter* p. 62-63 or *Experiment with Cheese* p. 104-105. Bring a document with a printed picture of your experiment and the answers to the experiment questions to remain on display with your project.

50203   **4-H Cooking 401**
Using the recipes included in the project manual, prepare an exhibit of ¼ of a 15" x 10" loaf of focaccia bread (do not include dipping oil); **OR** one baked pie shell – traditional, oil, or whole wheat (no graham cracker); **OR** ¼ Golden Sponge Cake, top side up, without frosting; **OR** ½ loaf French Bread. If you make changes to the recipe, bring a copy of the recipe with your changes. Display exhibit on a disposable plate and place in a zip-sealing plastic bag. *In addition to your food exhibit*, pick one of the recipes from Cooking 401 that is not a choice for exhibit. Make the recipe and take a picture of the results. Bring a document with a printed picture of the food you made from the recipe and the answers to the following two questions: 1.) If you made this recipe again, what would you do differently? 2.) What did you learn that can help you in other ways besides preparing food?

50204   **Food Science 1**:
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.

50204   **Food Science 2**:
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.

50204   **Food Science 3**:
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.

50204   **Food Science 4**:
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.

50206   **Sports Nutrition:**
Prepare a display, digital presentation, or poster on one of the activity chapters in the manual that you completed. The activity chapters are listed by page number in the table of contents. Your exhibit should include, at minimum, information on one physical fitness component and one food/recipe component from the activity chapter. The exhibit should include the project manual with the pages of the activity completed. You may also include live demonstration of physical activities. Do not bring food made using the recipes, but consider adding pictures of the completed recipes to your exhibit. You must furnish any equipment you need for the exhibit. Internet service is not provided. All exhibits must include something visual, such as a printed copy of a digital presentation. Electronic equipment will only be used during your judging time and will not remain on display during the exhibit period.
Examples for Activity 1

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

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

50208   **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.**

Canning – The exhibit should include two different canned foods in appropriate jars for the products. Food may be fruit, vegetable, or tomato product (i.e. salsa, juice, etc.).

Freezing – Prepare a nutrition display* that illustrates a freezing principle. There is NOT a food exhibit option for this preservation method.

Drying – Exhibit two (2) different dried foods packed in plastic food storage bags. Choose from fruit, vegetable, fruit leather or meat jerky**.**

Pickles and Relishes – Exhibit two pint jars of different recipes of pickles (no refrigerator pickles) and/or relishes.

Jams, Jellies, and Preserves – Exhibit half-pint jars of two different jams, jellies, and/or preserves.

Preservation Combination – Exhibit two different preserved food products, excluding Freezing, in appropriate jars/packaging (drying). For example, exhibit 1 jar of tomatoes (Canning) and 1 half-pint of jelly (Jams, Jellies, and Preserves).

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

All food exhibits must be labeled with: 1) The name of the food; 2) The date preserved; 3) Appropriate method(s) of food preservation (For canned projects: boiling water bath or pressure canner; For drying projects: Specify equipment used (food dehydrator, oven, etc.))
Examples:
- Strawberry jam, boiling water bath. July 13, 2016.
- Green beans, pressure canner. July 13, 2016.
- Beef jerky, food dehydrator and oven. July 13, 2016.

All food exhibits must be accompanied with: the recipe(s) – typed or written, with the source of the recipe(s) listed.

Required Recipes and Sources for Food Preservation Exhibits – all food preservation recipes be from an approved source. Those sources are:
- *PUT IT UP! Food Preservation for Youth* manuals
- U.S. Department of Agriculture (USDA)
- National Center for Home Food Preservation
- Ball/Kerr Canning (recipes after 1985)
- Mrs. Wages

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

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

CLASS #	PROJECT
50210	**Foods Nutrition Ready4Life Challenge: (Open to 11 to 18 year olds enrolled in any Foods project)**

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

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 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.

*This project is eligible for the Maker class. See page 10 for more info.

Health

3 top exhibits from class # 50226, 50227, 50228, 50229 and 1 from #50231 may be selected for State Fair.

CLASS #	PROJECT
50226	**Health 1:**

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

50227	**Health 2:**

Select four Staying Healthy skills and complete the activities for that section. Bring the project book and be prepared to discuss the completed sections. Exhibit a "smarts" project as explained in the project manual.

50228	**Health 3**:

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

50229	**Health Innovation Class**:

(**Open to youth who enrolled in Health 1, 2 or 3.)** Demonstrate the skills and knowledge you have gained through the Health project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which

you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

50231   **Health Ready4Life Challenge: (Open to 11- to 18-year-olds enrolled in any Health project)**
Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

SCIENCE, TECHNOLOGY, ENGINEERING, MATH

Aerospace

2 top exhibits from class # 50130, 50131 and 1 entry from 50133 may be selected for State Fair.

CLASS #   PROJECT
50130   **Model Rocketry**: (**Open to youth in Aerospace 2, Aerospace 3, and Aerospace 4)**
                Exhibit one model rocket assembled or made by the member. The exhibit will be a static display. The
                model rocket should be in good flying condition. DO NOT include the rocket engine with your exhibit. The
                rockets will not be launched. Attach the printed directions for construction of the rocket if any were used.

50131   **Aerospace Display**: (**Open to youth in Aerospace 2, Aerospace 3, and Aerospace 4)**
                Prepare a display related to the aerospace project which does not fit in the model rocketry class. The
                exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations,
                programs, websites, games, apps, performances, or posters which you have made. Choose whatever
                method best shows what you've learned. You must furnish any equipment you need for your exhibit.
                Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a
                printed copy of a digital presentation, which will remain on display during the exhibition. Electronic
                equipment will only be used during your personal judging time and will not remain on display during the
                entire exhibit period.

50133   **Aerospace Ready4Life Challenge: (Open to 11-18 year-olds enrolled in any Aerospace project)**
                Exhibits in this category must include the following: a) a physical representation of the career or business
                product such as a model, prototype or display/portfolio that includes images of accomplished work; b)
                verbal or written explanations that demonstrate knowledge of the related career or business fields,
                potential careers, and the appropriate requirements for achievement in those fields. The judging criteria
                for this class values thoroughness of career and/or business exploration and pursuit above the
                workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

Bicycle

Not Eligible for State Fair.

CLASS #   PROJECT
XXXXXX   **Bicycle 1:** (Not Eligible for state fair.)
                Prepare a display focusing on any activity related to your bicycle project. Demonstrate the skills and
                knowledge you have gained through the bicycle project you studied such as:
                - Selecting bicycle safety equipment;
                - Demonstrate how to fit a helmet;
                - Identify bike parts and their function;
                - Selecting the right size bike;
                - How to check bicycle tires, brakes and chains;
                - Recognizing traffic signs and their meaning;
                - General discussion of bicycling hazards; and
                - Items to consider when planning a bike trip.

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.

XXXXXX   **Bicycle 2** (Not Eligible for state fair.)
Prepare a display focusing on any activity related to your bicycle project. Demonstrate the skills and knowledge you have gained through the bicycle project you studied such as:
- Factors to consider when choosing a bike;
- Comparing tire pressure, valve type and tread;
- Steps in fixing a flat tire;
- Steps to follow when cleaning, lubricating and replacing a bike chain;
- Evaluating the braking system on a bicycle;
- Factors to consider when mapping out a bike route;
- Rules for smart bike riding; and
- Planning a menu for an all-day bike ride.

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.

*This project is eligible for the Maker class. See page 10 for more info.

Child Development
1 Top exhibit from class #50141 may be selected for State Fair

CLASS #   **PROJECT:**
50141   **Child Development 1: Infants and Toddlers**
Prepare a display focusing on any activity related to the child development project. Demonstrate the skills and knowledge you have gained through the child development project you studied. Include a list of resources you used to learn more about child development, such as mentors, books, articles or websites. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

50141   **Child Care 1: Infants and Toddlers**

Prepare a display focusing on a topic related to child care of this age group such as selecting age appropriate activities, explaining child behavior, and/or recognizing safety concerns. Demonstrate the skills and knowledge you have gained through the child development project you studied. Include a list of resources you used to learn more about child development, such as mentors, books, articles or websites. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

50142   **Child Development Ready4Life Challenge**

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

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

*This project is eligible for the Maker class. See page 10 for more info.

Clothing & Textiles

3 top exhibits may be selected from class # 50151 a-c, 50152 a-c, 50153 a-c, 50155, 2 exhibits for # 50154, 50155, 50156 and 1 exhibit for # 50157 for State Fair.

All exhibits entered in the clothing and textiles area will be judged based on their construction and fit (if applicable).

Exhibitors bringing garments should not wear their garments when they arrive for judging. The garment will be reviewed by the judges for construction first. Exhibitors will be asked to change into the garment as the second step of the judging process. If the garment was constructed for another individual, that individual must be present to wear the garment for the judge. (*Only the exhibitor who made the garment is eligible for ribbon and premium*.)

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

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

CLOTHING: STEAM

CLASS #   **PROJECT**
                     STEAM Clothing 1 – FUNdamentals: (50151a, 50151b, 50151c)
                     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 project manual for portfolio formatting.
- **Fabric Textile Scrapbook** – Must include at least 5 different textile samples. Use Textile Information Cards template on page 41 in project manual to identify fabric swatches. Completed textile cards should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover. See project manual, pages 42-74, for fabric options and fabric science experiments.
- **What's the Difference** - What's the Price Point – Exhibit may include a notebook, poster, small display sharing a project comparison and price point. See activity, pages 118-120. Exhibit should include PHOTOS; NO actual PILLOWS.

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

50151b   **Sewn Non-Clothing Exhibits**
                     Exhibit one of the following:
- Pillowcase
- Simple Pillow – no larger than 18" x 18"
- Bag/Purse – no zippers or button holes
- Other non-clothing item using skills learned in project manual

50151c	**Sewn Clothing Exhibits**

Exhibit one of the following:

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

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

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

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

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.

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

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

50153a   **<u>Non-sewn Exhibits</u>**

Exhibit one of the following:

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

50153b   **<u>Sewn Non-Clothing Exhibit</u>**

Exhibit one of the following:

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

50153c   **<u>Sewn Clothing Exhibit</u>**

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

- Constructed garment – Any garment constructed by the member which is appropriate for the age and experience of the exhibitor. Should use at least one skill learned in this project and exhibitor should be able to identify the skills used. Possible examples are wool garment, dress or jacket with set in sleeves and zipper or buttons and button holes, suites evening gown or sport outfit.

CLOTHING: SHOPPING

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

Shopping in Style: Members are encouraged to spend more than one year involved in this project so they have time to learn what clothing styles look best on them while they also gain skills in building a versatile wardrobe and staying within their budget. Each year enrolled in Shopping should build on previous year's learning experience.

CLASS #   **PROJECT**

50154   **Shopping in Style: Beginning**

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

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

50155   **Shopping in Style: Intermediate**

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

- Exhibit should include two clothing items that were previously a part of your wardrobe that still fit but you don't wear anymore and pair them with something new to make them wearable again. Also include a report that explains why the garment was not being worn and what you did to transform it into a wearable garment again. **OR**
- Exhibit should include at least five pieces of clothing that exhibitor can mix and match to create multiple outfits. Include a poster or report that includes a clothing inventory AND describes what you have learned by completing this activity. **OR**
- Exhibit should include garment you purchased along with a poster or report that 1) includes a wardrobe inventory which indicates why you selected the garment you did, clothing budget, and cost of garment; **OR** 2) explains how advertising influences clothing purchases making a distinction between wants and needs; and how the purchase of this garment compliments and/or extends your wardrobe. **OR**
- Exhibit should include garment you purchased along with a poster or report that 1) describes a cost comparison of this item completed by the exhibitor when purchasing the garment; should include variety of shopping options and/or price tracking at stores over a period of time; **OR** 2) provides a quality comparison rating the specific clothing item purchased based on care, construction, cost and unique features; should include construction quality details, design features that influenced selection, cost per wearing, and garment care.

50156	**Shopping in Style: Advanced**

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

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

50157	**Sewing & Textiles Ready4Life Challenge: (Open to 11-18-year olds enrolled in any Sewing & Textiles project)**

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

*This project is eligible for the Maker class. See page 10 for more info.

Computer Science

3 top exhibits from class # 50159, 50160, 50161, 50162, and 1 entry from # 50164 may be selected for State Fair.

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.*

CLASS #	PROJECT
XXXXX	**Beginning Visual Programming: (Open to youth in Computer Science Visual Based Programming)**

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

50159	**Intermediate Visual Programming:** (**Open to youth in Computer Science Visual Based Programming)**

Exhibit a program using Scratch (or other simple graphic programming) that you have downloaded from the internet and modified. Compare the two programs and demonstrate the changes you made to the original program; **OR** create an animated storybook using Scratch (or other simple graphical programming language). All exhibits must include something visual, such as a poster or printed copy of a digital

presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

50160   **Advance Visual Programming: (Open to youth in Computer Science Visual Based Programming)**
Exhibit a video game you have created in Scratch (or other simple graphic programming). All exhibits must include something visual, such as a poster or printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

50161   **Website Design: (Open to youth in Computer Science Visual Based Programming)**
Exhibit an original website that you have designed. Internet access will not be provided, so exhibitors must supply their own internet hot spot or the website must be hosted on the exhibitor's computer). All exhibits must include something visual, such as a poster or printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

50162   **Computer Open Source / Innovation CS (Open to youth enrolled in Computer Science Text-Based Programming or robotics project).**
Demonstrate the skills and knowledge you have gained through the Computer project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. Exhibits in this class may also demonstrate successful application of open source (publicly available) computing software and/or hardware, such as Raspberry Pi and Linux, to accomplish a task. All exhibits must include something visual, such as a poster or printed copy of a digital presentation or programing flowchart, which will remain on display during the exhibition. Exhibits in this area will be judged on the computer science programming. Youth enrolled in a robotics project should choose this class if you want the exhibit to be judged on the programming of the robot. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

50164   **Computer Science Ready4Life Challenge: (Open to 11-18 year-olds enrolled in any Computer project)**
Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

Electricity

3 top exhibits from class # 50177, 50178, 50179 and 1 entry from # 50181 may be selected for State Fair.

CLASS #	PROJECT
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. Recommendations can be found on the website. Projects using paper clips, cardboard, thumbtacks, & brads are not eligible for state fair exhibits in electricity. Members wishing to exhibit these types of projects should consider exhibiting in Junkdrawer Robotics 1 or 2.
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. Recommendations can be found on the website. Projects using paper clips, cardboard, thumbtacks, & brads are not eligible for state fair exhibits in electricity. Members wishing to exhibit these types of projects should consider exhibiting in Junkdrawer Robotics 1 or 2.
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. Recommendations can be found on the website.
XXXXXX	**Electricity 4:** (Not eligible for state fair) Exhibit any electronic or solid state appliance. Exhibitor must be able to explain how the project was constructed, how it is to be used and how it works. When project is being constructed, general safety and workmanship should be considered.
50181	**Electricity Ready4Life Challenge: (Open to 11-18 year-olds enrolled in any Electricity project)** Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

Robotics
3 top exhibits from class & # 50285, 50286, 50288, 50289, 50292 and 1 from # 50293 may be selected for State Fair.

NOTE: If applicable for their class and display, exhibitors must bring their own computers for demonstration purposes; computers will not be provided. Internet access will not be available.
- Exhibits in classes 50284, 50285, or 50286 are designed to be used with the 4-H Robotics Platforms curriculum which uses LEGO Mindstorms (NXT or EV3).
- Any other programmable robot kit such as Arduino or Raspberry Pi, should be exhibited under Free Range Robotics Class (50290), Innovation Class (50292) or Ready4Life Challenge Class (50293).

CLASS #	PROJECT
XXXXX	**Robotics 1: Beginning**: Exhibitors should complete Activities 1-6. Exhibitors will design, build and program a robot that can autonomously follow a predetermined path that changes direction at least 4 times during a single run. They will bring their Robotics Notebook to share what they learned about the engineering design process and programming.
50285	**Robotics 1: Intermediate**: Exhibitors should complete Activities 7-12. Exhibitors will design, build and program a robot that uses at least one sensor to autonomously follow a path, respond to, and or avoid obstacles. Exhibitors in this class must use at least one sensor in their robot design. They will bring their Robotics Notebook to share what they learned about the engineering design process and programming.
50286	**Robotics 2:** Exhibitors should complete Activities 1-7. Exhibitors will design, build and program a robot that uses sensors and programming to complete one of the provided challenges. They will bring their robot and Robotics Notebook to share changes they made to the robot and/or program along the way, and to describe their experience with completing the challenge.
50292	**Robotics Innovation Open Source Class** (**Open to youth enrolled in Robotics 3, but may also include youth in Robotics 1 or 2 if the exhibits meets the guidelines.)** Exhibit an original robot, either homemade or a kit that does not fall under Robotics 1 or 2 that can complete a task using MULTIPLE sensors. If a robot kit is used, then some parts of the robot must be built using other components such as wood, plastic or metal. The robot can include any types of motors, pneumatics or sensors. The Innovation class can also be used for LEGO Mindstorms or Vex kits where the exhibit does not fall under Robotics 1 or 2 exhibit option. Autonomous control of the robot may also be achieved using an "open source" platform such as Arduino or Raspberry Pi and can be programed using a coding language that is publicly available. Exhibitors in Robotics Innovation/Open Source class must bring a detailed engineering notebook that describes how the exhibitor designed, built and programmed the exhibit.

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.

XXXXX **Junk Drawer Robotics 1, Give Robots a Hand:**
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, Robots on the Move:**
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, Mechatronics:**
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.

50293 **Robotics Ready4Life Challenge: (Open to 11- to 18-year-olds enrolled in any Robotics project)**:
Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

Small Engines

1 top exhibit for class # 50294 and 1 entry for # 50297 may be selected for State Fair.

Small Engine displays must be no larger than 4' x 4' display board. <u>Exhibits must be portable.</u> The size of exhibits larger than 3' x 3' should be noted on the 4-HDMS electronic entry form. No complete engines, lawn tractors, tillers, chainsaws, etc. are permitted for display. No electrical power is available for displays/exhibits.

CLASS #	**PROJECT**
50294	**Small Engines:** Exhibit a display, selecting one of the following items:

- **Ignition System**: Identify the parts of the Ignition System and explain how magnetic energy is produced through the ignition system to ignite the spark plug; **OR**
- **Compression System**: Explain how heat energy is produced by an engine and converted into mechanical energy; **OR**
- **Heat Transfer**: Explain how heat is transferred through the cooling and lubrication system of an air cooled or water cooled engine; **OR**
- **Filter Maintenance**: Explain the proper maintenance and cleaning of the air, fuel and oil filters of an engine; **OR**
- **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; **OR**
- **Tools to do the job**: Identify and explain the function(s) of different specialty tools needed for small engine work, **OR**
- **Experimentation**: Explain through illustration an experiment you conducted from the project manual showing the results of your work.

50297   **Small Engines Ready4Life Challenge: (Open to 11-18 year-olds enrolled in any Small Engines project)** Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

Technologies
(Not eligible for State Fair)

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

CLASS #	**PROJECT**
XXXXX	**3-D Design Beginner**:

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

to be viewed for judging. Exhibits in this class may not have multiple parts, doors, hinges, or any sort of mechanics.

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

XXXXX   **3-D Design Advanced**:

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

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

XXXXX   **3-D Printing Beginner**:

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

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

XXXXX   **3-D Printing Advanced**:

Exhibitors are expected to go above and beyond those expectations set in 3-D Printing beginner. Exhibit a Complex 3-D printed object designed using Computer Aided Design (CAD) software such as Tinker CAD or Inventor. The 3-D print must be an object that performs a specific task, and may not be based on already existing 3-D models. Exhibits in this class MUST have multiple parts, doors, hinges or some sort of mechanical feature. It must be 3-D printed using ONLY A COMMERCIALLY AVAILABLE HOME/DESKTOP 3-D PRINTER. In

addition, original design files must accompany each exhibit. These files must be in .STL format. Bring your design on a Jump Drive to be viewed for judging.

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

50280   **3-D Printing & Design Ready4Life Challenge: (Open to 11- to 18-year-olds enrolled in any 3-D project)**
Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

Unmanned Aerial Vehicles/Systems (Drones)
(Not eligible for State Fair)

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

XXXXX   **UAV Display**:
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.

XXXXX   **UAV Unmanned Aerial Systems**:
Exhibit one Unmanned Aerial Vehicle and associated system assembled or made by the member. UAV or Drone exhibits in this class must be either originally designed or built from a kit of reconfigurable parts and components. These displays are limited to multicopters (tri, quad, hex, and octocopters), as well as FPV airplanes and flying wings with wingspans up to 36". The UAV MUST have a Flight Controller and utilize a camera/video transmission system. The exhibit will be a static display. The Drone should be in good flying condition with batteries fully charged, and all UAS components (including Video System) ready to demonstrate. DO NOT display your UAV with the propellers on, but rather on the table to the side of your

UAV. The Drone will not be flown unless the weather permits, and flights have been approved by the local FAA/Air Traffic Control Tower. Attach the printed directions of the UAV if any were used.

XXXXX   **UAV Ready4Life Challenge: (Open to 11- to 18-year-olds enrolled in any UAV project)**
Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

Tractor

2 top exhibits from class # 50306, 50307, 50308, 50309, 50310 and 1 entry for # 50312 may be selected for State Fair.

<u>CLASS #</u>	<u>PROJECT</u>
50306	**Tractor A:**
	Exhibit a display or poster that illustrates one of the following topics: tractor safety; care and maintenance; the tractor as a valuable farm machine; or an activity listed in the project manual.
50307	**Tractor B:**
	Exhibit a display or poster that illustrates one of the following topics: cause and prevention of rollovers, diagram how an air cleaner works, diagram & identify an engine cooling system, regulations for battery & oil disposal, or another activity listed in the 4-H project manual.
50308	**Tractor C:**
	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:**
	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.
50310	**Tractor Innovation Class**: (**Open to youth who are 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.

50312   **Tractor Ready4Life Challenge: (Open to 11-18 year-olds enrolled in any Tractor project)**
Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

Welding
2 top exhibits from class # 50353 and 1 entry from # 50355 may be selected for State Fair.

The size of exhibits larger than 3' x 3' should be noted on the online electronic entry form.

CLASS #   **PROJECT**
50353   **Welding**: This exhibit class is open to members who are in the 7th grade and higher. Exhibit one Arc weldment/item demonstrating the skill level of the exhibitor. Members new to the project should consider selecting a weldment from the suggested _Weldment List_ found on page 43 of _Arcs and Sparks_ (4-H 573 – Shielded Metal Arc Welding). **This class is for industrial welding only.** (Members that wish to use welding to create objects with an artistic appeal should consider enrolling in the 4-H Visual Arts project and consider entering those types of exhibits in the Visual Arts – Metal class.) Exhibits must be portable and cannot be exhibited on a trailer. (Exhibitors will be allowed to drive to the 4-H Tents for drop-off and pick-up of these exhibit items.)

50355   **Welding Ready4Life Challenge: (Open to 11- to 18-year-olds enrolled in any Welding project)**
Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

Woodworking

2 top exhibits from class # 50357, 50358, 50359, 50360 and 1 entry from # 50362 may be selected for State Fair.

The size of exhibits larger than 3' x 3' should be noted on the online electronic entry form.

CLASS #	PROJECT
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. (Exhibitors will be allowed to drive to the 4-H Tents for drop-off and pick-up of these exhibit items.)
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. (Exhibitors will be allowed to drive to the 4-H Tents for drop-off and pick-up of these exhibit items.)
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. (Exhibitors will be allowed to drive to the 4-H Tents for drop-off and pick-up of these exhibit items.)
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. (Exhibitors will be allowed to drive to the 4-H Tents for drop-off and pick-up of these exhibit items.)
50362	**Woodworking Ready4Life Challenge: (Open to 11-18 year-olds enrolled in any Woodworking project)** Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

NATURAL RESOURCES AND ENVIRONMENT

NATURAL RESOURCES & ENVIRONMENT AWARD

The **Monroe County Soil and Water Conservation District** sponsors awards for the top THREE projects in the following areas:

Natural Resources, Entomology, Beekeeping, Forestry, Geology, Weather

1st Place - $50   2nd Place - $30   3rd Place - $20

Nature: Natural Resources and Outdoor Adventures

3 top exhibits from class # 50256, 50257, 50258, 50259 and 1 entry from # 50267 may be selected for State Fair.

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

CLASS #	PROJECT
50256	**Natural Resources 1**: Exhibit any item or display developed from the project book, *Step Into Nature.*
50257	**Natural Resources 2**: Exhibit any item or display developed from the project book, *Explore the Natural World*.
50258	**Natural Resources 3**: Exhibit any item or display developed from the project book, *Blaze the Trail.*
50259	**Outdoor Adventures 1-3**: Exhibit a display illustrating an activity completed from the project manual.
50267	**Natural Resources Ready4Life Challenge**

50267   **Natural Resources Ready4Life Challenge**
Open to 11- to 18-year-olds enrolled in any Natural Resources and Outdoor Adventures project.

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

Nature: Fishing and Wildlife

3 top exhibits from class #50260, 50261, 50262, 50266, 50263, 50265; and 1 entry from 50291 may be selected for State Fair.

50260   **Sportsfishing 1**: 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   **Sportsfishing 2**: Exhibit a product or display made to complete an activity in the *Reel in the Fun* project manual. This could include, but is not limited to, displays on: different types of knots or rigs and their use; a collection of fishing lures, labeled with their use; or information on preparing and cooking fish (not recipes). For safety reasons, lures must be placed in a plastic case.

50262   **Sportsfishing 3**: Exhibit a product or display made to complete an activity in the *Cast into the Future* project manual. This could include, but is not limited to, displays on: making artificial flies and lures; researching effects of water temperature; sportsfishing careers; or identifying insects that fish eat. For safety reasons, lures must be placed in a plastic case.

50266   **Wildlife 1:** Exhibit any activity developed from the project manual. (Ex. Identify different wildlife habitats.) Within the exhibit, explain the importance of knowing the information shared.

50263   **Wildlife 2**: Exhibit any activity developed from the project manual. (Ex. Create a display of the life history of an animal.) Within the exhibit, explain the importance of and concept behind the exhibit.

50265   **Wildlife 3**: Exhibit any activity developed from the project manual. Be able to explain the importance of and concept behind the exhibit.

50291   **Fishing & Wildlife Ready4Life Challenge:**
             (Open to 11-18 year-olds enrolled in any Fishing or Wildlife project)
             Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

XXXXXX   **Exploring Your Environment 1:** (Not eligible for state fair.)
             Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of natural and/or manmade environments, how humans affect the environment, or how the environment affects our lives. Include your project manual that documents activity recordkeeping, your answers to activity questions, and details the exhibitor's thoughts and ideas.

XXXXXX   **Exploring Your Environment 2:** (Not eligible for state fair)
             Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of one of the following: stewardship of natural resources, investigating

greenhouse effects on living organisms, methods of reducing or managing waste in your home or community, or calculating your ecological footprint. Include your project manual that documents activity recordkeeping, your answers to activity questions, and details the exhibitor's thoughts and ideas.

*This project is eligible for the Maker class. See page 10 for more info.

Entomology -- General

2 top exhibits from class # 50183, 50184, 50185, 50186 and 1 entry from 50387 may be selected for State Fair.

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.

CLASS #	PROJECT
50183	**Entomology 1**: Exhibit 15 or more species representing four or more orders. Collection must be accurately labeled. Exhibitors must also include the Entomology 1 project manual*, Teaming With Insects 1,* with at least one completed activity for each year enrolled. The project manual must be included. Rules for pinning and labeling insects are available from your local Extension office.
50184	**Entomology 2**: Exhibit 30 or more species representing eight or more orders. Collection must be accurately labeled. Exhibitors must also include the Entomology 2 project manual, *Teaming With Insects 2,* with at least one completed activity for each year enrolled. The project manual must be included. Rules for pinning and labeling insects are available from your local Extension office.
50185	**Entomology 3**: Exhibit 60 or more species representing twelve or more orders. Collection must be accurately labeled. Exhibitors must also include the Entomology 3 project manual, *Teaming With Insects 3,* with at least one completed activity for each year enrolled. The project manual must be included. Rules for pinning and labeling insects are available from your local Extension office.
50186	**Entomology Display (Open to youth enrolled in Entomology 1, Entomology 2 or Entomology 3)** Exhibit any activity or display related to Entomology that does not fit into Entomology Classes 1, 2 or 3 above. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.
50187	**Entomology Ready4Life Challenge: (Open to 11-18 year-olds enrolled in any Entomology project)** Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

Entomology -- Beekeeping

2 top entries from class # 50188, 50189, and 50190 and 1 entry from # 50191 may be selected for State Fair.

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

50189   **Beekeeping 2**: Exhibit one (1) of the following:
- Extracted Honey: Three (3) 1# jars, shown in glass, screw-top jars holding 1 # of honey each.
- Chunk honey (comb in jar): Three (3) 1# jars (wide-mouth glass jars).
- Cut-comb honey: Three (3) 1# boxes (boxes are usually 4 ½"x 4 ½").
- Section honey: three (3) sections of comb honey (in basswood boxes or Ross rounds).
- Working with Honey Bees. Present a topic from your manual to teach fairgoers about working with honey bees. Use your knowledge and creativity to display this information on a poster or in a notebook.

50190   **Beekeeping 3:** Exhibit three (3) of the five (5) kinds of honey listed below (#1-5) or prepare an educational display about honey bees or beekeeping.
1. Extracted Honey: Three (3) 1# jars (glass)
2. Chunk Honey (comb in a jar): Three (3) 1# jars (wide-mouth glass)
3. Cut-comb Honey: Three (3) 1# boxes (boxes are usually 4 ½" x 4 ½" in size).
4. Comb Honey- 3 sections (honey built by bees in frames of wood commonly called "sections" (boxes are usually 4 ½" x 4 ½" in size).
5. Section honey: three (3) sections of comb honey (in basswood boxes or Ross rounds) *or*
6. Prepare an educational display about honey bees or beekeeping.

50184   **Entomology Beekeeping Ready4Life Challenge:**
        (Open to 11-18 year-olds enrolled in any Entomology project)
        Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

Forestry

1 top exhibit from class # 50212, 50213, 50214 and 1 entry from # 50216 may be selected for State Fair.

CLASS #	PROJECT
50212	**Forests of Fun 1:**

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.

50213   **Forests of Fun 2:**

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.

50214   **Forests of Fun 3:**

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.

50216   **Forestry Ready4Life Challenge: (Open to 11-18 year-olds enrolled in any Forestry project)**

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

*This project is eligible for the Maker class. See page 10 for more info.

Geology

3 top exhibits from class # 50218, 50219, 50220, 50221, 50222 and 1 entry from 50224 may be selected for State Fair.

Size and number of exhibit cases should relate appropriately to the number of specimens being displayed for a specified class. Specimens are not limited to Illinois locations. All levels of Geology use the same manual, *Geology-Introduction to the Study of the Earth.*

CLASS #	PROJECT
50218	**Pebble Pups 1**: Display 8 to 19 rocks and mineral specimens with three minerals in the collections. Collection may include duplications that show variations. Label collection and note where found.
50219	**Pebble Pups 2**: Display at least 20, but no more than 29, rocks and mineral specimens with seven minerals in the collections. Collection may include duplications that show variations. Label collection and note where found.
50220	**Rock Hounds 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 note where found.
50221	**Rock Hounds 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; rocks and minerals used in the lapidary arts.
50222	**Geology Innovation Class**: **(Open to youth who enrolled in Geology.)** Demonstrate the skills and knowledge you have gained through the Geology project. Exhibit may be the result of knowledge gained from project manuals; independent study about Illinois rock(s) and mineral(s), interaction with geology professionals; and/or individual exploration in the area of geology. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.
50224	**Geology Ready4Life Challenge: (Open to 11-18 year-olds enrolled in the Geology project)** Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

Weather

1 top exhibit from class # 50392, 50393, 50394; and 1 entry from # 50395 may be selected for State Fair

50392   **Weather and Climate Science I**

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**

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**

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.

50395   **Weather Ready4Life Challenge (Open to 11- to 18-year-olds enrolled in any Weather and Climate project.)**

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

*This project is eligible for the Maker class. See page 10 for more info.

Shooting Sports

2 entries total from class #50401, 50402, 50403, 50404, 50405; and 1 from 50406 may be selected for State Fair.

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

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

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

CLASS #:	PROJECT:

50401 **Shooting Sports: Archery**
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.

50402 **Shooting Sports: Rifle**
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.

50403 **Shooting Sports: Shotgun**
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.

50404 **Shooting Sports: Hunting & Outdoor Skills**
Exhibit a poster or stand-alone display related to something you learned in the Hunting & Outdoor Skills project.

50405   **Shooting Sports: Pistol**
               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.

50406   **Shooting Sports Ready4Life Challenge**
               Open to 11- to 18-year-olds enrolled in any Shooting Sports project.

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

*This project is eligible for the Maker class. See page 10 for more info.

Floriculture

3 top exhibits 3 entries total from class # 50192, 50193, 50194, 50195, 50196 and 1 entry from # 50198 may be selected for State Fair.

CLASS #   **PROJECT**
50192   **Floriculture A:** Exhibit one of the following options:
- Create a flower arrangement; either a round arrangement or a bud vase. No silk flowers are permitted; **OR**
- Create a photo collage or a collection of pictures of flowers that you have raised. Label your flowers by name and tell if you started with a seed, cutting or transplants. Mount pictures on a poster board; **OR**
- Exhibit in one container, 3 stems of blooms - each with attached foliage. Foliage that would go inside the container may be removed. All three blooms or stems should be the same variety, color, shape and size and must have been grown from seed, young seedling plants, bulbs or rhizomes by the exhibitor. (NOTE: Exhibitors choosing lilies should include no more than 2/3 of foliage for their exhibit.)

50193   **Floriculture B:** Exhibit one of the following options:
- Create an artistic display of dried flowers explaining how each was dried; **OR**
- Create a photo collage or collection of pictures of plants from your theme garden. Label your plants by name and explain how the plants were chosen to fit the theme.

50194   **Floriculture C**: Exhibit one of the following options:
- Create a terrarium. Selected plants should be started by the exhibitor from cuttings or seeds or as purchased plugs. The terrarium must be cared for by the exhibitor for at least 5 months. Exhibitor should be able to explain the different plant, soil, and environmental needs and watering requirements of a closed system; **OR**
- Exhibit a plant that you propagated from cuttings, layering or division or started from seed. Create a

photo board showing the progression of growth. Tips for vegetative propagation of houseplants can be found at University of Illinois Extension houseplants, http://urbanext.illinois.edu/houseplants/default.cfm.

50195   **Floriculture D:** Exhibit one of the following options:
- Create a centerpiece around a theme such as a wedding, holiday, birthday, etc. No silk flowers are permitted; **OR**
- Create an exhibit of forced bulbs in a pot.

50196   **Floriculture Display**: **(Open to youth enrolled in Floriculture A, Floriculture B, Floriculture C, and Floriculture D)** Present an exhibit of the member's choice that focuses on some aspect of floriculture which does not fit in the categories above. The exhibit may include, but isn't limited to, dish gardens, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

50198   **Floriculture Ready4Life Challenge: (Open to 11- to 18-year-olds enrolled in any Floriculture project)**
Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

MONROE COUNTY FAIR: JULY 19-26

Monroe County Fairgrounds

4-H and Junior Events:

SUNDAY, JULY 19

1:30 – 2:30 p.m.	4-H Entries Taken--Commercial & Fine Arts Buildings
1:30 – 2:30 p.m.	4-H Horticulture: Vegetable Gardening and Plant & Soil Science AND Crops Judging--Commercial Building
1:00 p.m.	Jr. Horse Show
5:00 p.m.	4-H & Jr. Market Lamb & Goat Weigh-In

MONDAY, JULY 20

8:00 a.m.	4-H & Jr. Poultry and Rabbit entries must be cooped
9:00 a.m.	Steers must be in designated stalls
9:00 a.m.	4-H Poultry Judging
10:00 a.m.	4-H & Jr. Steer Weigh-In
11:00 a.m.	4-H & Jr. Rabbit Meat Pen Weigh-In
1:00 p.m.	4-H Rabbit Judging
4:00 p.m.	4-H & Jr. Sheep Judging
6:00 p.m.	All livestock health papers must be provided to superintendent.

TUESDAY, JULY 21

8:00 a.m.	4-H & Jr. Swine Market Animal Weigh-In
11:00 a.m.	Livestock Health Papers available for inspection
1:00 p.m.	Superior Young Producer Contest: Beef/Dairy, Poultry, Sheep/Goat and Swine *Location: Horse Arena*

WEDNESDAY, JULY 22

8:00 a.m.	4-H & Jr. Swine Judging
9:30 a.m.	Rooster Crowing Contest
11:00 a.m.	Rabbit Superior Young Producer Competition
12:00 p.m.	4-H & Jr. Dairy Judging
3:00 p.m.	4-H & Jr. Steer Judging
6:30 p.m.	4-H & Jr. Goat Judging

THURSDAY, JULY 23

8:30 a.m.	4-H & Jr. Beef Breeding Stock Judging
6:00 p.m.	Market Animal Auctions
9:30 p.m.	Livestock may leave grounds

*NOTE: HEALTH PAPERS MUST BE PROVIDED TO SUPERINTENDENT UPON ARRIVAL (NO LATER THAN MONDAY AT 6PM).

2020 4-H & FFA Livestock Auction Sale Order:
POULTRY-RABBITS-BEEF-GOATS-LAMBS-SWINE

MONROE COUNTY FAIR 4-H SHOW GUIDELINES

1. All 4-H Horticulture, Plant & Soil Science and Crops projects will be judged from 1:30-2:30 p.m. on Sunday, July 19, 2020. 4-H members must enter their exhibit(s) at the commercial building <u>between 1:30 p.m. and 2:30 p.m.</u> on this day. 4-H members MUST be present to discuss their project work with the Judge.

2. 4-H exhibits will be released on Saturday, July 25 for pick-up. *Horticulture projects not picked up will be discarded.*

*<u>NOTE:</u> MEMBERS ARE ENCOURAGED TO ENTER THEIR EXHIBITS IN JUNIOR AND OPEN CLASS WHERE POSSIBLE. (REFER TO FAIR PAPER FOR INFORMATION AND ENTRY BLANK.)

(Note: Classes that are noted by XXXXX indicate ineligibility for State Fair)

PLANTS AND SOILS

Entry Time: **Sunday, July 19, 1:30 – 2:30pm**

Location: **Monroe County Fairgrounds-Commercial Building**

Judging Time: **Sunday, July 19, 1:30 - 2:30pm**

  ➢ **Horticulture: Vegetable Gardening**
  ➢ **Plant & Soil Science**
  ➢ **Crops**

Horticulture: Vegetable Gardening

3 top exhibits from class # 50314, 50315, 50316 and 1 entry for # 50318 may be selected for State Fair.

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

CLASS #	PROJECT
50314	**Vegetable Display (Open to youth in Vegetable Gardening A, Vegetable Gardening B, Vegetable Gardening C, and Vegetable Gardening D)**

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

50315	**Vegetable Plate (Open to youth in Vegetable Gardening A, Vegetable Gardening B, Vegetable Gardening C, and Vegetable Gardening D)**

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

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)
Beans, Lima (12 pods)
Beets (5)
Broccoli (1 head)
Brussels sprouts (12 sprouts)
Cabbage (1 head)
Cauliflower (1 head)
Carrots (5)
Cucumber, pickling or slicing (5)
Eggplant (1)
Garlic (5)
Kohlrabi (5)
Lettuce (1 head or plant)
Muskmelon incl. cantaloupe (1)
Okra (12)
Onions, large, dry (5)
Onions, green or set (12)
Parsnips (5)
Peas, (12 pods)
Peppers, large fruited (bell/banana) (5)
Peppers, small fruited (chili/cherry) (12)
Popcorn (5)

Potatoes (any variety) (5)
Pumpkin (1)
Rhubarb, trimmed stalks (3)
Rutabaga (5)
Salsify (5)
Squash, summer (any variety) (3)
Sweet Corn, in husks (5)
Tomatoes, slicing (5)
Tomatoes, small fruited (12)
Turnip (5)
Watermelon (1)
Squash, winter (Acorn, butternut, buttercup, spaghetti, Hubbard, Turks's Turban) (1)
Beans, Snap, Green Pod or Golden Wax (12 pods)
Greens (collard, endive, escarole, kale, mustard, spinach, Swiss chard) (1 plant)
Horseradish Root (1 marketable root specimen harvested this year)

CLASS #	PROJECT
50316	**Vegetable Gardening Display**: **(Open to youth in Vegetable Gardening A, Vegetable Gardening B, Vegetable Gardening C, Vegetable Gardening D)** Present an exhibit of the member's choice that focuses on some aspect of vegetable gardening which does not fit in the categories above. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.
50318	**Vegetable Gardening Ready4Life Challenge: (Open to 11-18 year-olds enrolled in any Vegetable Gardening project)** Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

Plant & Soil Science
Not eligible for state fair.

CLASS #	PROJECT
XXXXXX	**Plants & Soils 1:** (Not eligible for state fair.)

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

XXXXXX   **Plants & Soils 2:** (Not eligible for state fair.)
Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of the composition of plants, the functions of individual plant parts, plant life cycles, and the many ways plants reproduce. Include your project journal that documents activity recordkeeping, answers activity questions, and details personal thoughts and ideas.

XXXXXX   **Plants & Soils 3:** (Not eligible for state fair.)
Prepare a display or poster that illustrates an activity from the project manual. The display should demonstrate an understanding of environmental and internal factors that affect plant growth. Include your project journal that documents activity recordkeeping requirements, answers activity questions, and details personal thoughts and idea.

*This project is eligible for the Maker class. See page 10 for more info.

Crops
3 top exhibits from class # 50170, 50171, 50172, 50173 and 1 entry from # 50175 may be selected for State Fair.

CLASS #	PROJECT
50170	**Soybeans**:

Exhibit five fresh plants (include root system that is washed) that are representative of member's 4-H project field; **OR** exhibit an experimental or educational project related to one experience from your project. Include explanation of the project in a report for public understanding. Include the member's crop records with the exhibit, such as the 4-H Crop record found online @ https://4h.extension.illinois.edu/sites/4h.extension.illinois.edu/files/projects/documents/STEM/crops-and-soils-record-form-2016.pdf, an FFA crops record or similar information.

50171   **Corn**:
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.* Include the member's crop records with the exhibit, such as the 4-H Crop record found

online @ https://4h.extension.illinois.edu/sites/4h.extension.illinois.edu/files/projects/documents/STEM/crops-and-soils-record-form-2016.pdf, an FFA crops record or similar information.

50172 **Small Grains**:
Exhibit one gallon of the current year's crop of oats, wheat, rye, or barley that is representative of the member's 4-H project field; **OR** exhibit an experimental or educational project related to one experience from your project. Include explanation of the project in a report for public understanding. Include the member's crop records with the exhibit, such as the 4-H Crop record found online @ https://4h.extension.illinois.edu/sites/4h.extension.illinois.edu/files/projects/documents/STEM/crops-and-soils-record-form-2016.pdf an FFA crops record or similar information.

50173 **Crops Innovation Class:** (**Open to youth who are enrolled in any crops project.)**
Demonstrate the skills and knowledge you have gained through the Crops project. This could be related to, but not limited to crop production, crop utilization or topics of interest to the member related to agronomy. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

50175 **Crops Ready4Life Challenge: Open to 11- to 18-year-olds enrolled in any Crops project**
Exhibits in this category must include the following: a) a physical representation of the career or business product such as a model, prototype or display/portfolio that includes images of accomplished work; b) verbal or written explanations that demonstrate knowledge of the related career or business fields, potential careers, and the appropriate requirements for achievement in those fields. The judging criteria for this class values thoroughness of career and/or business exploration and pursuit above the workmanship of the physical specimen on display.

*This project is eligible for the Maker class. See page 10 for more info.

LIVESTOCK SUPERINTENDENTS

Poultry
Hank Marquardt: 935-2520
Dan Koch: 458-7791
Lauren Morgan

Rabbits
Amanda Marquardt: 935-2520
Carol Howell: 939-8402

Sheep
Nancy Sanford: 458-4545
Pam Mueller: 281-9364

Swine
Bruce Brinkmann: 935-2624
Lyle Schwarze: 935-2403

Dairy
Joann Hartman: 939-7075
Amanda Hartman: 939-7073

Goats
Nancy Sanford: 458-4545
Tammy Van Eck: 458-6410

Beef
Matthew Brandt: 458-2333
Dan Glaenzer: 939-3342

LIVESTOCK SHOW & AUCTION RULES

1. All 4-H livestock exhibitors enrolled in Dairy Cattle, Beef Cattle, Swine, Sheep and/or Goats MUST complete the **Youth for the Quality Care of Animals Training** by May 1 of each 4-H year, and all 4-H livestock exhibitors enrolled in Rabbits or Poultry for the first time MUST complete the online Quality Assurance and Ethic training by May 1.

2. Exhibitors must recruit and invite potential buyers of their livestock prior to the livestock auction.

3. Exhibitors should refer to the Monroe County Fair Paper for livestock information about the dates and times of entry and removal of livestock from the fairgrounds.

4. Only the judge, competing 4-H members and 4-H superintendents are permitted in the show ring during livestock show days.

5. ALL cattle, hogs, sheep, poultry, rabbits, goats and horses show in the agriculture department are subject to the same health regulations as stated for Open Classes in the Monroe County Fair Paper.

6. All 4-H members must follow the health guidelines of the Illinois Department of Agriculture Bureau of Animal Health and Welfare when exhibiting any livestock at county and state fairs in Illinois. Those guidelines are updated annually. The 2020 guidelines can be found online @ https://go.illinois.edu/LivestockHealthRequirements.

7. All 4-H members must abide by the general rules established by the Monroe Co. Fair Assoc. during the Monroe Co. Fair.

8. 4-H members should have 4-H Livestock Records up-to-date and show their records to their Leader at their June club meeting. Records should be completed by September 15 and turned into the Monroe Co. Extension office.

9. Only current 4-H or FFA members who meet the Junior exhibiting description found in the Monroe County Fair Paper are eligible to sell in the Monroe County 4-H & FFA Livestock Auction.

10. The Junior exhibiting description is: "Be 8 years of age and not yet 19 years of age on or before Sept. 1st of the previous year of the fair. Junior exhibitors must be a Monroe County resident and/or reside within the Waterloo, Columbia, Valmeyer or Red Bud school districts."

11. 4-H members are eligible to exhibit 2 entries per class number. It is important to indicate each entry on the livestock entry form.

12. If a 4-H or Junior exhibitor has 2 entries in any class, they are responsible for recruiting the help of another 4-H or Junior age exhibitor.

13. 4-H and FFA exhibitors are encouraged to display a sign with their name and 4-H Club and/or FFA Chapter to be placed near their animal.

14. 4-H & FFA livestock exhibitors may only sell two different species at the Monroe County Fair Livestock Auction: poultry, rabbits, beef, goats, sheep or swine.

15. 4-H & FFA livestock exhibitors should declare the two species they plan to sell at the Livestock Entry Day prior to the Monroe County Fair.

16. If a 4-H or FFA member receives Grand Champion and/or Reserve Champion in any specie area, they will have the opportunity to sell the Grand and Reserve Champion regardless of the number of other species they plan to sell.

17. The sale of animals must be a market animal and have met any set standard criteria for the specie, such as weight range, rate of gain, 4-H blue or red ribbon rating.

4-H POULTRY

Superintendents: Hank Marquardt, Dan Koch, Lauren Morgan

WEIGH-IN: MONDAY, JULY 20, 8:00am
JUDGING: MONDAY, JULY 20, 9:00am

CLASS NO.	PROJECT
A0900A	Market Pen: broiler trio (3 cockerels or 3 pullets, weighing 5-8 lbs ea. of the same sex and should be a broiler type breed; Cornish/Rock Cross or large meat breeds)
A0900B	Cock (Must be hatched before Jan. 1, 2020)
A0900C	Hen (Must be hatched before Jan. 1, 2020)
A0900D	Cockerel (Must be hatched after Jan. 1, 2020)
A0900E	Pullet (Must be hatched after Jan. 1, 2020)
A0900F	Miscellaneous (turkeys, guineas and doves) pen of 2, either sex, mature birds
A0900G	Raising Ducks-pen of 2, either sex, mature birds
A0900H	Raising Geese-pen of 2, either sex, mature birds

NOTES:

- 4-H Exhibitors are encouraged to enter their poultry in Junior and Open classes at the fair; however, if 4-H'ers ONLY exhibit in 4-H classes, they do not have to leave their poultry the entire week.
- All birds must be cooped by 8:00AM, Monday, July 20, 2020.
- Exhibitors must furnish crocks for water fowl and miscellaneous.
- Exhibitors are required to feed & water their own birds with **sturdy** feed/water bowls. Feed will be provided.
- Exhibitors will draw for sale order after judging.
- Each family is limited to enter a maximum of 50 birds.
- **All birds must be tested Pullorum free prior to entry day**.
- All 4-H members must follow the health guidelines of the Illinois Department of Agriculture Bureau of Animal Health and Welfare when exhibiting any livestock at county and state fairs in Illinois. Those guidelines are updated annually. Please refer to the IDOA Exhibition Livestock Health Requirements for County Fairs at: https://go.illinois.edu/LivestockHealthRequirements.

TROPHIES/AWARDS:

- Grand Champion Female, Junior & 4-H
- Grand Champion Male, Junior & 4-H
- Grand Champion Broiler Trio

- Showmanship

4-H RABBITS
Superintendents: Amanda Marquardt, Carol Howell
WEIGH-IN: MONDAY, JULY 20, 11:00am
JUDGING: MONDAY, JULY 20, 1:00pm

CLASS NO.	PROJECT
A1001A	Meat Pen
	(3 rabbits, not over 69 days and must be 3-5 lbs each)
	(Suggested to be a meat pen breed: California, New Zealand or other large boned breeds.)
A1001B	Single Fryer (1 rabbit between 3-5 lbs)
	(cannot be one of the meat pen rabbits)
A1001C	Sr. Buck (over 6 months)
A1001D	Sr. Doe (over 6 months)
A1001E	Jr. Buck (under 6 months)
A1001F	Jr. Doe (under 6 months)

NOTES:

- Identification must be permanently tattooed in left ear prior to show or exhibitors will not be allowed to show.
- 4-H and Junior Exhibitors should provide to the superintendents a list of tattoo numbers on all of their rabbits on Sunday evening or Monday morning of the fair.
- Superintendents will weigh each rabbit in the meat pens at 11:00AM on Monday. After weighing, the judge will evaluate and place the meat pens for ratings.
- 4-H'ers can sell either the meat pen or the single fryer. Decision must be made immediately following the judging.
- The 4-H and FFA exhibitors will draw for sale order after the meat pen and single fryer classes are judged.
- All 4-H members must follow the health guidelines of the Illinois Department of Agriculture Bureau of Animal Health and Welfare when exhibiting any livestock at county and state fairs in Illinois. Those guidelines are updated annually. Please refer to the IDOA Exhibition Livestock Health Requirements for County Fairs at: https://go.illinois.edu/LivestockHealthRequirements.

TROPHIES/AWARDS:

- Grand Champion Rabbit, ALL Breeds, 4-H Class
- Grand Champion Meat Pen
- Grand Champion Single Fryer
- Rabbit Showmanship, Junior (ages 8-12)
- Rabbit Showmanship, Senior (ages 13-19)

4-H SHEEP
Superintendents: Nancy Sanford, Pam Mueller
WEIGH-IN: SUNDAY, JULY 19, 5:00pm
JUDGING: MONDAY, JULY 20, 4:00pm

CLASS NO.	PROJECT
A1101A	Fleece
A1101B	Market Animal (wether lamb or ewe lamb, born after Sept. 1, 2019)
A1101C	Ram (1 year and older)
A1101D	Ram Lamb (born after Sept. 1, 2019)
A1101E	Aged Ewe (2 years and older)
A1101F	Ewe Yearling (1 year and under 2 years)
A1101G	Ewe Lamb (born after Sept. 1, 2019)
A1101H	Lamb Rate-of Gain
A1101I	Lamb Carcass

NOTES:

- Scrapie tags will be used as an additional form of identification.
- Market lambs **must** have scrapie tags by May weigh-in.
- All 4-H members must follow the health guidelines of the Illinois Department of Agriculture Bureau of Animal Health and Welfare when exhibiting any livestock at county and state fairs in Illinois. Those guidelines are updated annually. Please refer to the IDOA Exhibition Livestock Health Requirements for County Fairs at: https://go.illinois.edu/LivestockHealthRequirements.

TROPHIES/AWARDS:

- Grand Champion Ewe, All Breeds, Junior & 4-H
- Grand Champion Ram, All Breeds, Junior & 4-H
- Grand Champion Market Animal, ALL Breeds, Junior & 4-H
- Top Rate of Gain
- Sheep Showmanship, Junior (ages 8-12)
- Sheep Showmanship, Senior (ages 13-19)

4-H SWINE

Superintendent: Bruce Brinkmann
WEIGH-IN: TUESDAY, JULY 21, 8:00am
JUDGING: WEDNESDAY, JULY 22, 8:00am

CLASS NO.	PROJECT
A0401A	Gilt farrowed, Jan. 1-15
A0401B	Gilt farrowed, Jan. 16-31
A0401C	Gilt farrowed, Feb. 1-15
A0401D	Gilt farrowed, Feb. 16-29
A0401E	Gilt farrowed, March 1 and after

Market Gilt

A0401F	Light Weight
A0401G	Light Medium Weight
A0401H	Heavy Medium Weight
A0401I	Heavy Weight

Market Barrow

A0401J	Light Weight
A0401K	Light Medium Weight
A0401L	Heavy Medium Weight
A0401M	Heavy Weight

NOTES:
- If a gilt is shown in the Market Animal Class, it CANNOT be shown in the Breeding Gilt classes.
- The swine show is terminal. All swine on the grounds will be marketed after the showings.
- All 4-H members must follow the health guidelines of the Illinois Department of Agriculture Bureau of Animal Health and Welfare when exhibiting any livestock at county and state fairs in Illinois. Those guidelines are updated annually. Please refer to the IDOA Exhibition Livestock Health Requirements for County Fairs at: https://go.illinois.edu/LivestockHealthRequirements.

TROPHIES/AWARDS:

- Grand Champion Gilt, all breeds, Junior & 4-H
- Champion Market Animal, all breeds, Junior & 4-H
- Swine Showmanship, Junior (ages 8-12)
- Swine Showmanship, Intermediate (ages 13-15)
- Swine Showmanship, Senior (ages 16-19)

4-H DAIRY

Superintendent: Mark Kern, Joann Hartman
JUDGING: WEDNESDAY, JULY 22, 12:00pm

CLASS NO.	PROJECT
A0301A	Junior Heifer Calf-**March 1, 2020 and after**
A0301B	Winter Heifer Calf-**Dec. 1, 2019-Feb. 28, 2020**
A0301C	Fall Heifer Calf-**Sept. 1, 2019-Nov. 30, 2019**
A0301D	Summer Yearling-**June 1, 2019-Aug. 31, 2019**
A0301E	Spring Yearling Heifer-**March 1, 2019-May 31, 2019**
A0301F	Winter Yearling Heifer-**Dec. 1, 2018-Feb. 29, 2019**
A0301G	Fall Yearling Heifer-**Sept. 1, 2018-Nov. 30, 2018**
A0301H	Junior Best Three Females-**born Sept. 1, 2018 or after**
A0301I	Junior Two Year Old Cow-**March 1, 2018-Aug. 31, 2018**
A0301J	Senior Two Year Old Cow-**Sept. 1, 2017-Feb. 29, 2018**
A0301K	Three Year Old Cow-**Sept. 1, 2016-Aug. 31, 2017**
A0301L	Four Year Old Cow-**Sept. 1, 2015-Aug. 31, 2016**
A0301M	Aged Cow-**born before Aug. 31, 2015**
A0301N	Dry Three and Four Year Old Cows-**Sept. 1, 2016-Aug. 31, 2017**
A0301O	Dry Aged Cow-**born before Sept. 1, 2015**
A0301P	Pair of Females-**any age, owned by the same exhibitor**
A0301Q	Dam and Daughter-**owned by same exhibitor**

NOTES:

- All first and second places will be shown for Grand Champion.
- All 4-H members must follow the health guidelines of the Illinois Department of Agriculture Bureau of Animal Health and Welfare when exhibiting any livestock at county and state fairs in Illinois. Those guidelines are updated annually. Please refer to the IDOA Exhibition Livestock Health Requirements for County Fairs at: https://go.illinois.edu/LivestockHealthRequirements.

TROPHIES/AWARDS:

1. Grand Champion Holstein Dairy Heifer, 4-H & Junior
2. Grand Champion Holstein Dairy Cow, 4-H and Junior
3. Grand Champion All Other Breeds, Dairy Cow
4. Grand Champion All Other Breeds, Dairy Heifer
5. Dairy Showmanship

4-H GOAT

WEIGH-IN: **SUNDAY, JULY 19, 5:00pm**
JUDGING: **WEDNESDAY, JULY 22, 6:30pm**

CLASS NO.	PROJECT
A0501A	Aged Doe (over 2 years)
A0501B	Yearling Doe (1 year and under 2 years)
A0501C	Doe Kid (born after January 1, 2020)
A0501D	Buck Kid (born after January 1, 2020)
A0501E	Market Animal (born after October 1, 2020)
	Castrated buck or doe
A0501F	Rate-of-Gain

NOTES:

- All 4-H members must follow the health guidelines of the Illinois Department of Agriculture Bureau of Animal Health and Welfare when exhibiting any livestock at county and state fairs in Illinois. Those guidelines are updated annually. Please refer to the IDOA Exhibition Livestock Health Requirements for County Fairs at: https://go.illinois.edu/LivestockHealthRequirements.

TROPHIES/AWARDS:
- Champion Buck, Junior & 4-H
- Champion Doe, Junior & 4-H
- Champion Market Animal, Junior & 4-H
- Goat Showmanship, Junior
- Goat Showmanship, Senior
- Rate-of-Gain, Junior & 4-H

4-H BEEF

Superintendents: Dan Glaenzer, Matthew Brandt
WEIGH-IN: MONDAY, JULY 20, 10:00am
STEER JUDGING: WEDNESDAY, JULY 22, 3:00pm

CLASS NO.	PROJECT
A0101A	Beef Market Steer, born **after Jan. 1, 2019**

BREEEDING STOCK JUDGING: THURSDAY, JULY 23, 8:30am

CLASS NO.	PROJECT
A0101B	Beef Sr. Yearling Heifer, **born Sept. 1-Dec. 31, 2018**
A0101C	Beef Jr. Yearling Heifer, **born Jan. 1-Feb. 29, 2019**
A0101D	Beef Jr. Yearling Heifer, **born Mar. 1-April 30, 2019**
A0101E	Beef Summer Yearling Heifer, **born May 1-Aug. 31, 2019**
A0101F	Beef Sr. Heifer Calf, **born Sept. 1-Dec. 31, 2019**
A0101G	Beef Jr. Heifer Calf, **born after Jan. 1, 2020**
A0101H	Beef Cow/Calf
A0101I	Bull Calf, born **after January 1, 2020**
A0101J	Beef Rate-of-Gain
A0101K	Beef Carcass

NOTES:

- All 4-H members must follow the health guidelines of the Illinois Department of Agriculture Bureau of Animal Health and Welfare when exhibiting any livestock at county and state fairs in Illinois. Those guidelines are updated annually. Please refer to the IDOA Exhibition Livestock Health Requirements for County Fairs at: https://go.illinois.edu/LivestockHealthRequirements.

TROPHIES/AWARDS:

- Grand Champion Beef Female, all breeds, 4-H & Junior
- Grand Champion Market Steer, 4-H & Junior
- Top Beef Rate-of Gain Trophy
- Beef Showmanship, Junior 1 (ages 8-10)
- Beef Showmanship, Junior 2 (ages 11-13)
- Beef Showmanship, Intermediate (ages 14-16)
- Beef Showmanship, Senior (ages 17-19)

<u>SUPERIOR YOUNG PRODUCER CONTEST DIVISION</u>

Livestock Coordinator: John Howell
Rabbit Coordinator: Wayne Dell

EXHIBITORS MUST MAKE THIS ENTRY ON THE

<u>MONROE COUNTY FAIR ENTRY FORM</u>

<u>Specie</u>	<u>Date</u>	<u>Time</u>	<u>Location</u>
Poultry	**Tues., July 22**	**1:00pm**	**Horse Arena**
Beef/Dairy	**Tues., July 22**	**1:00pm**	**Horse Arena**
Sheep/Goat	**Tues., July 22**	**1:00pm**	**Horse Arena**
Swine	**Tues., July 22**	**1:00pm**	**Horse Arena**

*Poultry, Beef/Dairy, Sheep/Goat and Swine will be split into two groups:
Ages 8-12 and 13-18.

Rabbits	**Wed., July 23**	**11:00am**	**Rabbit Barn**

<u>RULES AND CONTEST INFORMATION</u>

1. Entry is restricted to **ONE** premium number only. Competitor must have at least one animal entered in the junior show corresponding to the premium number entered within this division.
2. Contest will consist of three components within each category:
   a. **Skill-a-thon** – 5-6 learning stations demonstrating concepts covered in the respective projects. At each station, contestants will be asked 3-5 questions regarding the concept being demonstrated. Total score possible is 100 points.
   b. **Management Test** – A written examination covering all aspects of production for the species relevant to the premium number. It will contain 20-25 questions totaling 100 points toward the competition.
   c. **Judging Contest** – Two classes (1 market animal and 1 breeding animal) containing 4 animals each will be placed and scored against official judges placing. Maximum possible score is 50 points per class.

General categories covered by the Exam and Skill-a thon may include the following:

- Breed identification
- Feed stuff evaluation
- General anatomy
- Reproduction
- Animal health
- Nutrition
- Animal performance criteria

> There is a **$5.00 Entry Fee** to be paid by **Winners** only. Premium information can be found in the Fair Book.

GENERAL RULES FOR THE MONROE COUNTY
4-H & FFA MARKET ANIMAL SALE

1. Only 4-H and FFA members are eligible to sell and they must meet the following criteria:
   - Be a member of a Monroe County 4-H Club or Waterloo, Columbia, Valmeyer, Red Bud or Gibault FFA Chapter and be of Junior Showman age status (8 years of age and not yet 19 years of age on or before September 1 of the year previous the fair).
   - Be a Monroe County resident and/or reside within the Waterloo, Columbia, Valmeyer or Red Bud school districts.
   - Be enrolled in the respective livestock project and maintain records.
   - Attend four (4) club meetings by Monroe County Fair.
   - 4-H members must present a talk or demonstration during the project year.
   - 4-H members are encouraged to present an up-to-date record book to their leader(s) at their June 4-H meeting.
   - All 4-H members are encouraged to attend livestock workshops and judging events throughout the year as they are provided.

2. Any animal or animal pen entered into Junior or 4-H market animal class is eligible for sale and will be classified as:
   "Blue" Rating – Saleable
   "Red" Rating – Saleable
   "White" Rating – Not eligible for sale

3. 4-H & FFA livestock exhibitors may **only sell two different species** at the Monroe County Fair Livestock Auction: **POULTRY, RABBITS, BEEF, GOATS, LAMBS, SWINE**

4. 4-H and FFA exhibitors are responsible for recruiting potential buyers. *Personal visits are very important contacts.*

5. The exhibitor's immediate family is NOT eligible to buy back their animal.

6. Terms of sale are CASH only.   Settlement to be made before the animal is moved from the Fairgrounds.

7. Seller is responsible for the animal until delivered to buyer's destination and until the buyer's check has been successfully processed by the bank.

8. The exhibitor is responsible for the delivery of the animal to the processor.

9. The exhibitor is responsible if the carcass is rejected by the health inspector.

10. The exhibitor is responsible to making necessary arrangements and/or agreements with the buyer if the exhibitor wishes to exhibit the animal at other fairs.

11. If there is a cost of a thank you advertisement photo, it will be deducted from the check the exhibitor receives on the sale of their animal.

12. The exhibitor will receive their animal sale check after the buyer's check has been successfully processed by the bank.

RULES FOR THE MONROE COUNTY 4-H & FFA
SWINE MARKET ANIMAL SALE

1. Swine must weigh between 235-270lbs and be paint branded.
2. Only one weighing will be done and that weight will be used for rule weight.
3. Swine will be sold in order of a lottery system, with numbers chosen after the show.
4. The highest placing animal must be sold if the exhibitor has 2 entries.
5. The swine show is terminal. All swine on the grounds will be marketed after the showings.

RULES FOR THE MONROE COUNTY 4-H & FFA
POULTRY MARKET PEN SALE

1. Exhibitor must sell a market pen: roaster trio consisting of 3 cockerels or 3 pullets which must weigh 5-8 lbs. apiece. Exhibitor must indicate at the show if they plan to sell.
2. They will be sold by the pen. The market pen of 3 will be weighed prior to the show at the County Fair.
3. Market pens will be sold in order of a lottery system, with numbers chosen on the day of weigh-in.
4. The seller and buyer will work out the handling and processing.

RULES FOR THE MONROE COUNTY 4-H & FFA
LAMB MARKET ANIMAL SALE

1. Lambs must meet a minimum Average Daily Gain of .50 lbs/day.
2. Only wether lambs or ewe lambs will be allowed to be sold in the lamb sale.
3. The exhibitor will designate one lamb for sale at the final weigh-in.
4. Lambs will be sold in order of a lottery system with numbers chosen the day of weigh-in.
5. Seller is responsible to deliver animal to processor; seller is responsible if carcass is rejected by inspector.
6. All lambs delivered to a participating processor are eligible to participate in carcass evaluation.

RULES FOR THE MONROE COUNTY 4-H & FFA
GOAT MARKET ANIMAL SALE

5. Goats will be sold in order of a lottery system, with numbers chosen the day of weigh-in.
6. Only wether or market female or dairy and meat-type goats may sell at the goat sale.
7. Goats will be sold by the head.
8. Dairy goats must be disbudded; however, horns are acceptable for Boer and Pygmy goats.
9. Seller is responsible to deliver animal to processor; seller is responsible if carcass is rejected by inspector.

RULES FOR THE MONROE COUNTY 4-H & FFA
RABBIT MEAT PEN AND SINGLE FRYER SALE

1. The weight of each rabbit in the meat pen should be between 3-5 lbs., and they should not be over 69 days.
2. The judge will evaluate all meat pens (Open, Junior and 4-H) at the same time, which should be the first class of the 4-H show. The following procedure will be followed:
   - The superintendents will weigh each rabbit in the meat pen-beginning at 11:00 AM the morning of the show. After weighing, the judge will evaluate and place the meat pens for the Open, Junior and 4-H ratings. Exhibitor may choose to sell a Single Fryer
3. Exhibitors can sell either a Meat Pen or a Single Fryer (1 rabbit between 3-5 lbs.), which CANNOT be one of the meat pen rabbits. Decision must be made immediately following the judging.
4. *Recommended:* Meat Pen rabbits should be meat pen breed (California, New Zealand or other large bonded breed).
5. The Meat Pens and Single Fryers will be sold in order of a lottery system.
6. The seller and buyer will work out the handling and processing.

RULES FOR THE MONROE COUNTY 4-H & FFA
STEER MARKET ANIMAL SALE

1. Steers <u>must weigh</u> <u>at least 900 pounds and not greater than 1450 pounds</u> at the *final weigh-in*.
2. Steers will be sold in order of a lottery system, with numbers chosen the day of final weigh-in.
3. Steers MUST be clean and controllable at the final weigh-in. Steers deemed insufficiently halter broken will be ineligible for show and sale.
4. At the final weigh-in, the ear tag must be attached and one of the ear tattoos must be legible. *The consequence is the disqualification of the steer.*
5. The exhibitor will designate one steer for sale at the final weigh-in.
6. Steers may be subject to drug testing (i.e. tranquilizers, hormones, antibiotics, etc.).
7. Seller is responsible to deliver animal to processor; seller is responsible if carcass is rejected by inspector.
8. All steers delivered to a participating processor are eligible to participate in carcass evaluation.

All sellers are required to have obtained Youth for the Quality Care of Animals training prior to the sale.

Directions to University of Illinois Extension, Monroe County Office and Monroe County Fairgrounds for the 4-H Show

ANNEX DIRECTIONS

From the north: Travel south on Rt. 3, into Waterloo (about 10 miles). Make two 4-way stops; continue traveling south… this is Route 3. Travel approximately ½ mile and the County Annex Building (one story brick building) is on the right side of the highway. There is a sign indicating the building. It houses, University of Illinois Extension, County Ambulance and Monroe County Health Department. There is a large parking lot in front of the building.

From the south: Travel north on Rt. 3, make two 4-way stops continuing traveling north, at the second 4-way stop (Rt. 3 & 156), travel approximately ¼ mile, just past the bus garage and the dentist office, turn left onto Illinois Avenue. The County Annex Building is the one story brick building facing the highway. There is a sign indicating the building. It houses, University of Illinois Extension, County Ambulance and Monroe County Health Department. There is a large parking lot in front of the building.

FAIRGROUNDS DIRECTIONS

To travel either from the north or south to the Monroe County Fairgrounds, take Rt. 3, to the (Rt. 3 & Rt.156) 4-way stop. (Fast Stop is on the north corner and Nice Twice is on the south corner) turn west onto Rt. 156. Travel west on Rt. 156 approximately ½ mile. The Fairgrounds is on the right side of the highway.

4-H exhibits for projects in conservation, horticulture, crops are in the Commercial Building on the west end of the fairground. The 4-H livestock is in the appropriate specie barns on the north side of the fairgrounds.