

2025

MONROE COUNTY

4-H SHOWBOOK



General Projects - Horses – Public Presentations-Food Demos
**Livestock & Horticulture/Crops in separate Showbook*

Public Presentations Show

Thursday, March 27, 6:30 p.m.
Monroe County Annex

4-H County Horse Show

Saturday, May 10, 9:00 a.m.
 (*subject to change due to weather)
Monroe County Fairgrounds

Food Demonstration Show

Monday, June 2, 7:00 p.m.
Monroe County Annex

Show-A-Rama

Saturday, June 28, 8:30-10:30 a.m.
Monroe County Fairgrounds-Fine Arts Bldg.
Project Recognition/Public Viewing - 12:30p.m.

Monroe County Day at IL State Fair

Friday, August 11
Illinois State Fairgrounds, Springfield

Office Hours:

Monday- Friday: 8:00 a.m. – 4:30 p.m.
 Closed Noon to 1:00 p.m. for lunch

Monroe County Office

901 Illinois Ave., PO Box 117
 Waterloo, IL 62298
 618-939-3434, 618-939-7708 Fax



County Director
William Catalano

4-H Youth Educator
Emily Reece

4-H Program Coordinator
Kelly Brandt

Office Support Associate
Sue Scheibe

Office Support Assistant
D'Angelo Young

Visit our website:

web.extension.illinois.edu/mms

Like us on Facebook:

University of Illinois Extension:
 Monroe County 4-H

University of Illinois Extension-
 Madison, Monroe and St. Clair Unit

Follow us on Instagram:

Monroe County IL 4-H
 Madison, Monroe, St. Clair- IL



Illinois Extension
 UNIVERSITY OF ILLINOIS URBANA-CHAMPAIGN

COLLEGE OF AGRICULTURAL, CONSUMER & ENVIRONMENTAL SCIENCES

University of Illinois | U.S. Department of Agriculture | Local Extension Councils Cooperating
 University of Illinois Extension provides equal opportunities in programs and employment. If you need a reasonable accommodation to attend, call the registration office.

CLUBS	LEADER(S)	CONTACT
Backyard Bandits	Heidi Ruwald Amy Halleran	Phone: 444-8396 Email: hruwald@hotmail.com Phone: 939-4511 Email: ahalleran@icloud.com
Bushy Prairie	Tina Woodcock	Phone: 618-972-7509 Email: twoboysandsomegoats@gmail.com
Clover Friends	Raeleen Neary Abby Carter Tricia Matzenbacher	Phone: 618-920-0002 Email: raeleen1969@gmail.com
Golden Eagles	Amy Kolweier Sarah Kolweier	Phone: 314-766-6870 Phone: 618-977-6658 Email: goldeneagles4hclub@gmail.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 Emelie Nilges	Email: maeystownclovers@gmail.com
Hoofbeats Comp. Team	Stephanie Mohr	Email: stephaniem0713@gmail.com
Monroe Co. Hoofbeats	Jessica Unger	Phone: 618-340-6965 jebu1104@icloud.com
Moonlight Boys & Girls	Amanda Marquardt Lauren Morgan	Phone: 935-2520 Email: amrab@htc.net

TABLE OF CONTENTS

Monroe County 4-H Show Guidelines	3
Absentee Exhibitor Form	5
State Fair Guidelines	6
PUBLIC PRESENTATIONS SHOW	
Communications: Public Presentations	7
HORSE SHOW	
Horse Classes	9
Horse Show Permission to Participate	10
FOOD DEMONSTRATION SHOW	
Food Demonstrations	11
SHOW-A-RAMA	12
MAKER PROJECTS	13
ANIMAL SCIENCE & VET SCIENCE	
Animal Science	14
Vet Science	15
CAREER & LEADERSHIP DEVELOPMENT	
Communications	16
College & Career Readiness	16
Consumer Education	17
Leadership	18
Babysitting	19
Ready4Life	20
CIVIC ENGAGEMENT	
Civic Engagement	20
Service Learning	22
Family Heritage	23
Intercultural	23
Exploratory	24
CREATIVE ARTS	
Creative Writing	25
Interior Design	26
Photography	27
Theater Arts	28
Video/Filmmaking	29
Visual Arts	31
Clothing & Textiles	38

ENVIRONMENTAL SCIENCES

Entomology	44
Entomology-Beekeeping	45
Forestry	46
Geology	47
Natural Res. & Outdoor Adventures	47
Fishing & Wildlife	48
Weather	49
Shooting Sports	50

HEALTHY LIVING & NUTRITION

Food & Nutrition	51
Health	56

SCIENCE, TECHNOLOGY, ENGINEERING, MATH

Aerospace	58
Computer Science	58
Drones	59
Electricity	60
Esports	61
Robotics	61
Junk Drawer Robotics	62
Small Engines	63
Tractor	63
Welding	64
Woodworking	65

FLORICULTURE 66

(HORTICULTURE, CROPS AND PLANTS/SOILS CLASSES WILL BE LOCATED IN THE FAIR SHOWBOOK.)

CLOVERBUDS 67

University of Illinois Extension provides equal opportunities in programs and employment. If you need a reasonable accommodation to participate in any of the 4-H Shows please contact:

University of Illinois Extension-Monroe County
901 Illinois Avenue, P. O. Box 117, Waterloo, IL 62298

Phone: 618-939-3434

uie-mms@illinois.edu

Please give at least two weeks notice to arrange the necessary accommodations.

MONROE COUNTY 4-H SHOW 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.”

TAX IMPLICATIONS FOR PRIZES, GIFTS OR AWARDS

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

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.

Exhibiting in the 4-H Exhibit is a privilege. It is the responsibility of the exhibitor to follow the general rules of this division and the exhibit requirements for the specific class entered. The University of Illinois Extension personnel or their assigned agents do not assume liability for loss, theft, or damage to any exhibit.

- 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 January 1st of the current year.**
 - **Have attended at least four (4) club meetings in their club during the project year prior to a show.**
 - **Presented a talk and/or demonstration at their club meeting during the project year.**
- All exhibitors must be currently enrolled in the project for which they are exhibiting. Entries must be made online in Fair Entry. Instructions are found here: <https://go.illinois.edu/MonroeFairEntryDirections>
- Youth must bring project(s) at designated judging times to ensure proper judge is present.
- Conference judging is not about preparing a presentation. Judging is meant to be a conversation between the judge and 4-H member (or group) about the project and the learning experience. You may bring notes if you wish. Tips on creating an engaging display board are available at go.illinois.edu/4HDisplayTips.
- 4-H members are responsible for exhibiting ALL of their projects and are expected to be present while their project is evaluated.
- 4-H members are required to be present during a County 4-H Project Show to be eligible for State Fair consideration. 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.
- If a 4-H member must be absent for a 4-H show, they should consult the County Extension office. Exhibitors will have the option to fill out an Absentee Exhibitor Form to aid in the explanation of their project (excluding live animals), for the County show *only*. This will not allow for the eligibility for State Fair, however.
- **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.

- 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.

COPYRIGHT AND CLOVER USAGE:

- Copyright Reminder: It is illegal for youth to use an image or brand that someone else owns as part of their 4-H project exhibit without the permission of the copyright/trademark holder.
- Copyrighted or trademarked designs are not acceptable; this includes team logos, school logos, and/or characters from television, movies such as Disney characters, Iron Man etc.
- More details in the new "Copyright Guidelines Tipsheet: go.illinois.edu/114HCopyrightGuidelines .
- Use of the 4-H Name and Emblem: Chartered 4-H Clubs and enrolled 4-H members are authorized to use the 4-H Name and Emblem. This includes permission for an enrolled 4-H member to use the 4-H name and emblem in exhibits you create for personal use as part of 4-H sponsored events. This includes 4-H decorated cookies, a 4-H Clover printed out for use in a scrapbook, etc.
- Please note: Any use of the 4-H name and emblem on items intended as gifts or for sale require prior permission using this UNIVERSITY AGREEMENT . This should be signed by the County Director. Any uses of the 4-H name and emblem for sale or promotion online, and/or in statewide events should be signed by the Illinois 4-H Director (illinois4H@illinois.edu).
- Use of the green clover-shaped image is not protected. The 4-H Emblem is distinguished by the four H's that signify Head, Heart, Hands, and Health. No creative rendering, changing in color or shape of the official 4-H emblem is allowed.
- 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.
- All exhibits are open for public viewing.
- 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 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 the State Fair.
- As a participant in the University of Illinois Extension 4-H Youth Development Program, you have the responsibility of representing yourself in a positive manner to the public. You are expected to conduct yourself in a manner that will bring honor to you and your family, as well as to 4-H. All participants must adhere to the Code of Conduct that was signed off on in ZSuite upon enrollment.

Absentee Exhibitor Form

Name: _____ 4-H Age (by Sept. 1): _____

Club: _____ Project: _____

*Please answer *at least* 4 of the questions below. Use additional sheets if necessary.

Why did you decide to enroll in this project?

How did you come up with the idea for your project?

What did you want to achieve?

How did you do it (processes, steps, plans)?

Did you have any problems?

What changes would you make if you did it again?

What did you learn by making this exhibit? How can you use those skills in the future?

Did you experiment with different techniques?

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.”

TAX IMPLICATIONS FOR PRIZES, GIFTS OR AWARDS

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

- 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 follow county guidelines for eligibility.
- Exhibitors must be currently enrolled as a 4-H member and have been at least 8 years old as of September 1, 2024. 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 **FRIDAY, AUGUST 8, 2025**. 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, 2025.
- 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.

PUBLIC PRESENTATION SHOW

March 27, 6:30 p.m.

Monroe County Annex

COMMUNICATIONS: PUBLIC PRESENTATIONS

Enrollment in the Public Presentations project is required to participate in this section. No live animals are allowed in speeches. Counties may advance a total of 3 entries from any category to the state contest. A 4-H member may advance in one individual category and one team category. **Participating** Youth **must** be 8 years of **age** on or before **September 1, 2024**. **Participating** youth turning 14 years of age on or before **September 1, 2024 must** enroll as advanced.

State 4-H Public Presentations Contest*: Saturday, April 26

*Must qualify locally to advance to the state contest.

Resources:

Youth looking for resources to help prepare for this contest can reference the following:

- [Finding your Voice: Public Speaking made Easy](#) (Public Speaking)

Formal Speech

Self-written | Notes Allowed | No props | Individual | 4-5 minutes for beginners; 5-6 minutes for advanced

Formal Speech - Original Beginner Ages 8-13 (SF 50501A)

Formal Speech - Original Advanced Ages 14 & Up (SF 50501B)

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 may deliver a speech on any topic they wish.

Illustrated Speech

Self-written | Notes Allowed | Illustrations Required | Individual | 4-5minutes for beginners; 5-6 minutes for advanced

Illustrated Speech - Beginner Ages 8-13 (SF 50503A)

Illustrated Speech - Advanced Ages 14 & Up (SF 50503B)

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

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

Original Works

Self-written | Notes Allowed | Props and Costumes Allowed | Individual or 2-Person Team | Youth must provide manuscripts to judge | 4-6 minutes

Original Works – Individual (SF 50504)

Original Works – Team (SF 50505)

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/Spoken Word

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

Oral Interpretation

Published Work | Props and Costumes Allowed | Individual or 2-Person Team | Youth must provide manuscripts to judge | 4-6 minutes

Oral Interpretation – Individual (SF 50506)

Oral Interpretation – Team (SF 50507)

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

4-H HORSE SHOW

May 10, 9:00 a.m.

(*subject to change due to weather)

Monroe County Fairgrounds

MUST REGISTER IN FAIR ENTRY BEFORE PARTICIPATING

<u>CLASS NO.</u>	<u>PROJECT</u>
A0601A	English/Western Showmanship-Beginner English or Western attire & equipment required.
A0601B	English/Western Showmanship-Advanced English or Western attire & equipment required.
A0601C	English/Western Pleasure-Beginner Participants are rated on walk, trot & backing. One rider at a time. No pattern work required. English or Western attire & equipment required.
A0601D	English/Western Pleasure-Advanced Participants are rated on walk, trot, lope/canter & backing. One rider at a time. No pattern work required. English or Western attire & equipment required.
A0601E	Open Barrel Racing Rider should keep a speed that is safe for horse and rider. Speed will not be a rating factor.
A0601F	Open Pole Bending Rider should keep a speed that is safe for horse and rider. Speed will not be a rating factor.
A0602G	Trail-Advanced Minimum 6 obstacles; 2 attempts permitted. English or Western attire & equipment required.
A0602H	Trail-Beginner Minimum 4 obstacles; 3 attempts permitted. English or Western attire & equipment required.

Notes:

- A copy of a current Coggins Test is required on show day.
- Please refer to: <https://go.illinois.edu/LivestockHealthRequirements> for equine health requirements.
- An Agreement to Assume Risk and Release from Liability form (in ZSuite) 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 prior to the show.

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 2025 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.

FOOD DEMONSTRATIONS

June 2, 7:00 p.m.

Monroe County Annex

MUST REGISTER WITH EXTENSION OFFICE BEFORE PARTICIPATING

FOOD DEMO AWARD

*The Monroe County Farm Bureau Women's Committee
will sponsor an award for the use of
DAIRY products in a Food Demonstration recipe.*

CLASS #

XXXXXX

PROJECT

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 51.

SHOW-A-RAMA

Saturday, June 28, 8:30-10:30 a.m.

Project Recognition: 12:30p.m.

Monroe County Fairgrounds-Fine Arts Building

****MUST REGISTER IN FAIR ENTRY BEFORE PARTICIPATING****

- **Maker**
- **Animal Science** (Beef, Cat, Dairy, Dog, Goat, Horse, Poultry, Rabbit, Sheep, Small Pets or Swine NOT showing a live animal)
- **Veterinary Science**
- **Career & Leadership Development** (Career Readiness, Consumer Ed, Leadership)
- **Civic Engagement** (Civic Engagement, Community Service, Exploratory, Family History, Intercultural)
- **Creative Arts** (Communications, Interior Design, Photography, Theater Arts, Video, Visual Arts, Clothing & Textiles)
- **Environmental Sciences** (Entomology, Beekeeping, Forestry, Geology, Natural Resources & Outdoor Living, Fishing & Wildlife, Weather, Shooting Sports)
- **Food Systems** (Horticulture-Floriculture)
- **Healthy Living & Nutrition** (Child Development, Food & Nutrition, Health)
- **STEM** (Aerospace, Bicycles, Computer Science, Electricity, Robotics, Small Engines, Technologies, Tractor, Welding, Woodworking)
- **Cloverbuds** (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

<u>CLASS #</u>	<u>PROJECT</u>
50400	Maker (go.illinois.edu/DIYMakeBuild – Required) 

Open to youth in all projects.

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

- Exhibitors must complete at least two activities in the DIY Make & Build Curriculum, and answer all the questions at the end of each lesson. You must display your answers to these questions, as well as your Maker Log from the DIY Make and Build curriculum.
- Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two. Your device or object **cannot** be one of the included activities in the DIY Make and Build Curriculum.
- The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogrammed to perform a different function other than what it was designed to do).
- Exhibits **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.)
- Exhibits **MUST** include a detailed build log with instructions on how to make or build the exhibit, **AND** contain either a 3D rendering or detailed and labeled sketches of the device/product.
- All parts and software used in the design/build **MUST** be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

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

ANIMAL SCIENCE AND VET SCIENCE

Animal Science

2 top exhibits from class #50135A & 50135B total 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

50135a

Animal Science 1: For youth enrolled in this project 1-2 years.

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.

50135b

Animal Science 2: For youth enrolled in this project 3 or more years.

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.

Veterinary Science

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

CLASS

50320a

PROJECT

Veterinary Science 1

Open to youth in Veterinary Science A, enrolled in this project for 1-2 years.

Prepare a display focusing on any activity related to the veterinary science project. The exhibit may include, but isn't limited to, original works, objects, demonstrations, 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.

50320b

Veterinary Science 2



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

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

CAREER & LEADERSHIP DEVELOPMENT

Communications

Top 2 exhibits from class #50368 & 50369 may be selected for State Fair.


<u>CLASS #</u>	<u>PROJECT</u>
50368	Communications 1, 2, 3 (<i>Communications Module 1, 2 or 3 – Required</i>)  For 1 st 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 2 nd and 3 rd years in project: Include everything from earlier years' work and add section showcasing at least four additional activities per year.
50369	Journalism, News & Social Media (<i>Journalism, News & Social Media – Required</i>)  Exhibit a binder portfolio showing the results of the appropriate year's activities noted below: <ul style="list-style-type: none">• Year 1: Accomplishments of a minimum of 5, 2-star activities, answering all the questions in the activities.• Year 2: Results of doing a minimum of 5, 2-star activities, answering all the questions in the activities.• Year 3: Results of doing a minimum of 5, 3-star activities. One of the activities must include writing an advance story, a follow-up story, or a feature story.• Year 4: Results of doing at least 2, 2-star activities and 3, 3-star activities. If the activities include making an audio or videotape, State Fair will provide a way for the judge to view or listen to it.

Follow the instructions below to submit your entry for State Fair:

1. Members are strongly encouraged to upload their submission to the State Communications Box folder at least two days prior to the beginning of State Fair. Members need to include their name and county in the title of the file. Upload files to:
2. Members are also required to bring hard copy of their project to drop off the morning that their county is exhibiting at the state fair.

College & Career Readiness

1 top exhibit from class #50365 may be selected for State Fair.




<u>CLASS #</u>	<u>PROJECT</u>
50365	Build Your Future (<i>Build Your Future Notebook – Required</i>)  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. <ul style="list-style-type: none">○ 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.

Consumer Education

2 top exhibits from class #50166, #50168, #50169 may be selected for State Fair.

The use of page protectors is recommended.

<u>CLASS #</u>	<u>PROJECT</u>
50166	<p>Entrepreneurship: Be the E! (<i>Be the “E” Entrepreneurship Guide – Required</i>) </p> <p>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.</p>
50168	<p>My Financial Future – Beginner (<i>My Financial Future Beginner Youth Notebook – Required</i>) </p> <p>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.</p> <ul style="list-style-type: none"> ○ 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	<p>My Financial Future – Advanced (<i>My Financial Future Advanced Notebook – Required</i>) </p> <p>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.</p> <ul style="list-style-type: none"> ○ 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.

Leadership

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

CLASS

PROJECT

50249

Leadership 1 (*Skills You Never Outgrow 1 – Required*)

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

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

50250

Leadership 2 (*Skills You Never Outgrow 2 – Required*)

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

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

50251

Leadership 3 (*Skills You Never Outgrow 3 – Required*)

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

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

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.

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 Teens As Leaders model effectively in your club, community, school, or state. Leadership activities might include planning, advising, promoting, mentoring, teaching or advocating for change. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. The display must be accompanied by at least 3 or no more than 10 4-H members at the time of the judge's critique. For a larger group please reach out to staff with an accommodation request at least one week prior to the exhibit event. Group members should make a 5- to 10-minute presentation to the judge. All group members present for the judge's critique should be able to discuss the project and answer questions. Only group members present for judging who participate in the actual critique and presentation are eligible for ribbons and premiums. Cloverbuds are not eligible for state fair and cannot be promoted and participate in a group presentation at state fair. Due to space limitations, exhibits are limited to 2'6" wide 36" X 48" and 15" deep. More information on Teens as Leaders Model found here: go.illinois.edu/4-HLeadershipModel

Babysitting

Top 3 exhibits from class #50141a and 50141b may be selected for State Fair

CLASS #

50141a

PROJECT:

Babysitting Display

Prepare a display that demonstrates the skills and knowledge you have gained studying babysitting. Topics might include, but are not limited to, selecting age-appropriate toys and activities, explaining child behavior, or recognizing child safety concerns. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters that you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

50141b

Babysitting Video Tutorial (SF 50141b)

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

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

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

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

Ready4life Career & Entrepreneurship Exploration

2 top exhibits from class #50366a & 2 entries from 50366b may be selected for State Fair.

CLASS #
50366a

PROJECT
Ready4Life Exploration (Career)

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

50366b



Ready4Life Exploration (Entrepreneurship) ()

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

CIVIC ENGAGEMENT

Civic Engagement

2 top exhibits from entry #50145, 50146, 50147, 50148 may be selected for State Fair.

<u>CLASS #</u>	<u>PROJECT</u>
50145	Civic Engagement 1 Exhibit a display illustrating one of the following options: <ul style="list-style-type: none">▪ 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 (Citizenship: Level 2 – My Neighborhood – Required)  Exhibit a display illustrating one of the following options: <ul style="list-style-type: none">▪ 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 (Citizenship: Level 3 – My Community and Me – Required)  Exhibit a display illustrating one of the activities that you completed within your project as it relates to one of the following categories in the manual: <ul style="list-style-type: none">▪ Government;▪ Business and Industry;▪ Transportation, Communication & Utilities;▪ Culture & Heritage;▪ Natural Resources & Environment;▪ Education;▪ Organizations within your community;▪ Tourism; OR▪ Support Systems within your community.
50148	Civic Engagement Group Exhibit Open to groups whose members are enrolled in any Civic Engagement project Exhibit a display illustrating how your group led a service project in your community. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. The display must be accompanied by no more than 10 4-H members at the time of the judge's critique. Groups wishing to include more than 10 members must ask for an accommodation, one week prior to judging. Club Group members should make a 5- to 10-minute presentation to the judge. All group members present for the judge's critique should be able to discuss the project and answer questions. Only group members present for judging who participate in the actual critique and presentation are eligible for ribbons and premiums.

Service Learning *(formerly Community Service)*

2 top exhibits from entry #50150a, 50150b, 50149 may be selected for State Fair.

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

<u>CLASS #</u>	<u>PROJECT</u>
50150a	<p>Service Learning 1</p> <p>Exhibit a binder portfolio to reflect what the exhibitor accomplished in the four steps of service learning. This should include researching the need of the community and steps taken to serve that need. If exhibitor has been enrolled in project for multiple years, the binder portfolio should include previous years' work. Use of page protectors is recommended. A display board may accompany the portfolio-</p>
50150b	<p>Service Learning 2</p> <p>Exhibit a binder portfolio to reflect what the exhibitor accomplished in the four steps of service learning. This should include a walk-about to observe needs, assessment of needs and assets in your community, surveys/interviews conducted to identify needs and the solution. If exhibitor has been enrolled in project for multiple years (including Service Learning 1), the binder portfolio should include previous years' work. Use of page protectors is recommended. A display board may accompany the portfolio-</p>
50149	<p>Service Learning Group Exhibit</p> <p>Open to groups whose members are enrolled in any SERVICE LEARNING project. Due to space limitations, exhibits are limited to 36" X 48" and 15" deep. Group members should be enrolled in Service Learning – Agents of Change (Level 1) and/or Raise Your Voice (Level 2). Register community project at go.illinois.edu/4HCommunityProjectRegistration, additional resources located on site.</p> <p>Exhibit should be educational in nature and should inform others of steps taken to engage group members in 1) identifying a local need, conducting a local needs assessment to find a need that is already visible in the community; 2) determine types of activities group members can/want to do; 3) List all of the activities, projects, or needs identified to review with group members; 4) create a plan and timeline for completing the service project (including-project goals; tasks involved; time commitment; permission needed from community stakeholders; a budget, a source for securing those funds; insurance needs; equipment and supplies; publicity; potential partners if additional help is needed; a risk management plan; and a process for evaluating the project; 5) prepare for group members to engage in the service project which may include instruction on completing specific tasks and/or educating members on how the project will benefit the community; 6) complete the project; 7) documentation of service experience with photos, videos; or written reports; 8) once project is completed, reflect on success and/or challenges encountered during execution of the service project; consider what you might do differently in future service projects.</p> <p>Create a display which will educate the public regarding the impact of the service project for both the community and the group members. The display must be accompanied by at least 3 but no more than 10 4-H members at the time of the judge's critique. Groups wishing to include more than 10 members must ask for an accommodation, one week prior to judging. Group members should make a 5-10 minute presentation for the judge. Group members should create a display which showcases the service project and the steps needed to complete it. Only group members present for the judging and who participate in the critique and presentation are eligible for ribbons and premiums.</p>

Family Heritage

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

CLASS

50197

PROJECT

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.

Intercultural

1 top individual exhibit from class # 50233a, 1 individual entry from 50234a and 1 club entry from #50233b may be selected for State Fair.

Due to space restrictions, exhibits are limited to 2'6" wide and 15" deep.

CLASS

50233a

PROJECT

Passport to the World, Individual (*Passport to the World – Required*)


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


50233b

Passport to the World, Group (*Passport to the World – Required*)

Exhibit a display illustrating what your group has learned about a country. This might include topics such as geography, economy, agriculture, people, language, housing, culture, music, crafts, clothing, environment, or holidays. Exhibits can focus on one or two topics in depth or cover more topics in brief. Exhibit should be educational in nature and should not promote one's beliefs over another person's beliefs. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Tips on creating an engaging display board are available at go.illinois.edu/4HDisplayTips. In addition to their display, groups should bring a copy of their group's Passport to the World project manual to judging. Sections of the book related to what the group focuses on in their display should be completed. The display must be accompanied by at least 3 but no more than 10 4-H members at the time of the judge's critique. Groups wishing to

include more than 10 members must ask for an accommodation, one week prior to judging. Group members should prepare a short (5 minutes maximum) presentation about their learning for the judge. The presentation should focus on key concepts learned and takeaways from the project experience. All group members present for judging should be able to discuss the project and answer questions. Only group members who participate in the judging are eligible for ribbons and premiums. Presentations will occur in the space designated by the fair or show. Groups should not bring extra tables or items (beyond those that fit within the exhibit size requirements) for their presentation.


50234a **Diversity & Cultural Awareness, Individual** (*Diversity: The Source of Our Strength – Required*) 
Create a display or binder portfolio that illustrates the results of a minimum of three (3) completed activities from the project book.

50234b **Diversity & Cultural Awareness, Group** (*SEEING i2i Adventures – Required*) 
Exhibit a display illustrating the steps that the group has completed on the project selected for the year, including reflection on activities completed. Include a written outline or report of accomplishments and future goals. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what the group members have learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. The display must be accompanied by at least 3 or no more than 10 4-H members at the time of the judge's critique. Groups wishing to include more than 10 members must ask for an accommodation, one week prior to judging. Group members should make a 5-7-minute presentation to the judge. All group members present for the judge's critique should be able to discuss the project and answer questions. Only group members present for judging who participate in the actual critique and presentation are eligible for ribbons and premiums.


Exploratory

Not eligible for State Fair

CLASS # PROJECT

XXXXX **Exploratory** (*Welcome to 4-H – Required*) 
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 (Collectibles) – Required*) 
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.

CREATIVE & CULTURAL ARTS

Creative Writing

Top 2 exhibits from class #50367 & 50371 may be selected for State Fair.

CLASS #
50367

PROJECT

Creative Writing

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

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

State Level Creative Writing: If promoted to state, follow the instructions below to submit your entry by August 1 to the state 4-H office.

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

50371

Poetry

Submit one of the following. The entry is to be typewritten on 8 ½ x 11 paper and include exhibitor's name. Entries must be original and **written for the 4-H project**. Poems may be single-spaced. The entries should be submitted by August 1 to the state 4-H office.

- **Rhymed Poetry** – An interpretation of a subject in rhymed verse. Submit a collection of three poems.
- **Free Style Poetry** – An interpretation of a subject in unrhymed verse. Submit a collection of three poems.

Interior Design

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

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

CLASS #

PROJECT

50242

Design Decisions, Beginning

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

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

50243

Design Decisions, Intermediate

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

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

50244

Design Decisions, Advanced

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

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

50245

Interior Design Innovation Class:

Open to youth enrolled in Interior Design.

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

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

Photography

3 top exhibits from class #50268, 50269, 50270, 50271 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. Meta data must be included on the back of the picture. The photo release and meta data tip sheet can be obtained at: <https://go.illinois.edu/PhotographyProject>. Photos may be taken with a camera, an electronic tablet (i.e. iPad), or a cell phone.

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

- 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) Lens Filters (Ultra-Violet, Polarizing, etc.) if used.

Additional details required for Photo Editing ONLY:

- g) Photo editing software/application used (required for ALL edits and retouches except for cropping)
- h) 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

Maximum image size 8" x 24" panorama photography – Photography 2 only

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

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



<u>CLASS #</u>	<u>PROJECT</u>
50268	Photography 1 (Level 1: <i>Photography Basics – Required</i>)  Exhibit one framed photo which demonstrates your understanding of a technique you learned from your Photography 1 project manual. No photo editing is allowed in this class except cropping and red eye removal. Be prepared to show the page in the manual of the technique you are demonstrating.
50269	Photography 2 (Level 2: <i>Next Level Photography – Required</i>)  Exhibit one of the options listed below: <ul style="list-style-type: none">• Exhibit one framed 8" x 10" close-up photograph using the skills learned on pages 58-61(section: Bits and Pieces) of the project manual titled Level 2 <i>Next Level Photography</i>. 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. **OR**

- Exhibit one framed 8" x 24" or smaller panorama photograph using the skills learned on pages 62-65(section: Panorama) of the project manual titled *Level 2 Next Level Photography*. No photo editing is allowed in this class except cropping and red eye removal. Be prepared to show the page in the manual of the technique you are demonstrating.
- Exhibit one framed 8" x 10" photo which demonstrates your understanding of a technique you learned from your Photography 2 project manual. No photo editing is allowed in this class except cropping and red eye removal. Be prepared to show the page in the manual of the technique you are demonstrating.

50270

Photography 3 (*Level 3: Mastering Photography – Required*) 

Exhibit one of the options listed below:

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

50271

Photo Editing:

Open to members 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.

Theater Arts

3 top exhibits from class #50299, 50300, 50301, 50302 may be selected for State Fair.

CLASS #

50299

PROJECT

Theatre Arts 1: Exhibit one of the following items:

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

50300

Theatre Arts 2

Exhibit one of the following items:

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

50301

Theatre Arts 3

Exhibit one of the following items:

- Portfolio of activities for set design; make-up; or sound, props, or costuming completed during the current year; This should include pictures of activities, information on the show or performance, details on your involvement. **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.

Video

3 top exhibits from class # 50324 a & b, 50325 a & b, 50326 a & b, 50327 a & b, 50328 a & b may be selected for State Fair.

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

Requirements that apply to ALL video classes:

Videos can be produced as an individual or a group of up to 5 members. Video submissions should be no longer than five (5) minutes in length (unless noted differently in class description.). Videos are to be original and a result of the member's current year's work. Criteria for judging shall include:

- (1) Evidence of story line;
- (2) Use of camera angles;
- (3) Use of zooming techniques; and
- (4) Smoothness of scene changes.

Image and sound quality will be considered in relation to equipment available to and used by exhibitor. All videos should comply with copyright regulations and display an image that is appropriate for 4-H audiences. No time or date should be imprinted on the video footage. All videos should include an opening title screen, as well as closing credits which include date of production, name of video exhibitor and research sources if appropriate. All Video/Filmmaking exhibitors should include a printed copy of online materials which will remain on display. Photo/Model releases from individuals appearing in the videos are required unless the video is of a group in a public place where identification would not be an issue. The photo release can be obtained at: go.illinois.edu/PhotographyProject.

<u>CLASS #</u>	<u>PROJECT</u>
50324a	Commercial or Promotional Video-Individual
50324b	Commercial or Promotional Video-Group 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.
50325a	Animated Video-Individual
50325b	Animated Video-Group Video in this class should represent creative animation of original artwork created by the exhibitor and may include stop motion techniques. Media might include images created with graphics software or hand-drawn images.
50326a	Documentary-Individual
50326b	Documentary-Group 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.
50327a	Short Story or Short Narrative-Individual
50327b	Short Story or Short Narrative-Group Prepare a short video that tells a story. The video should demonstrate skills in making and editing video.
50328a	Video/Filmmaking Innovation Class-Individual
50328b	Video/Filmmaking Innovation Class-Group 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.

Visual Arts

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

- Chalk/Carbon/Pigment on Canvas, Division A 50336a
- Chalk/Carbon/Pigment on Paper, Division B 50336b
- Chalk/Carbon/Pigment on glass, wood, metal or textiles Division C 50336c
- Clay 50337
- Computer-Generated Art 50338
- Computer-Generated Art – Graphic Design 50370
- Fiber 50339
- Fiber Non-Original Ages 8-10 Only 50350
- Heritage Arts 50341
- Leather 50321
- Metal 50342
- Nature 50343
- Paper 50344a
- Paper 50344b
- Quilting – You Can Quilt 50331a
- Quilting – Quilting the Best Better 50331b
- Three-Dimensional Design/Mixed Media 50348
- Three-Dimensional Design/Mixed Media: Diorama 50351
- Wood 50349

The top TWO entries from these projects may be selected for State Fair:

- Food/Cake Decorating (2 total from 50332, 50333, 50334, 50335)
- Glass/Plastic (2 total from 50340A, 50340B, 50340C)
- Scrapbooking (2 total from 50345, 50346, 50347)

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

Articles exhibited must be an original design created by the exhibitor (except in Heritage Arts, which may follow a pattern, AND Fiber-Non-Original Ages 8-10 ONLY). **Copyrighted or trademarked designs are not acceptable; this includes team, school logos and/or characters from movies such as Mickey Mouse, Iron Man, etc. Kits and preformed molds are not considered original and are not acceptable in any Visual Arts Class.** Combining parts of different patterns (pictures, photographs, images from the internet or a magazine) with the member's own ideas can result in an original design, but simply changing the color, pattern and/or size of a pattern does NOT make the design original. This also applies for ideas found on a site such as Pinterest. If you see something on Pinterest that you like, you can use that idea as your inspiration, however, create something which is fundamentally different. It **MUST NOT BE AN EXACT REPLICA OF** something the judge can search for and find on Pinterest. The exhibit may 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 an exact replica of what you

see somewhere else, it is not your original design. If a photo, sketch, or other idea source was used, submit it with your entry, firmly attached to your exhibit. Be prepared to explain how and where you got the idea for this project.

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

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

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

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

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.

Visual Arts Food Decorating

For more information about cake decorating techniques: go.illinois.edu/caketechiniques

<u>CLASS #</u>	<u>PROJECT</u>
50332	Visual Arts Food Decorating Beginning Exhibit one of the following: <ul style="list-style-type: none">• Exhibit four decorated cookies, using a minimum of four different Level 1 techniques. Exhibit may use cookies OR cookie forms.• Exhibit four decorated cupcakes, using a minimum of four different Level 1 techniques. Exhibit may use cupcakes OR cupcake forms.• Exhibit a single layer decorated cake, using a minimum of four different Level 1 techniques. Exhibit may use cake OR cake form.
50333	Visual Arts Food Decorating Intermediate Exhibit one of the following: <ul style="list-style-type: none">• 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 multi-layer 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: Division A, B or C

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

50336a **Chalk/Carbon/Pigment Division A: Canvas**
Any original artwork created with pencils, chalk, pens, ink, paint, charcoal, dyes, etc. on canvas. This would include all painting, sketching, drawing, cartooning, original non-computer-generated graphics, printing, etc. Drawings and paintings should be matted or framed under glass. (Exceptions: Oil and acrylic paintings do not require glass and are not required to be matted.) Watercolor, chalk, pen & ink, etc. do require some protective covering. Gallery frames are acceptable. Canvas paintings that continue “over the edges” are acceptable without frames; however, the piece must still be prepared for hanging. Matted pieces without frames are acceptable, however the piece must be prepared for hanging OR it must include a photo of the artwork being displayed in a non-hanging manner. There is no specific requirement for the type of mat used.

50352b **Chalk/Carbon/Pigment: Division B: Paper**
Any original artwork done with pencils, chalk, pens, ink, paint, charcoal, dyes, etc., on paper. This would include all painting, sketching, drawing, cartooning, original non-computer-generated graphics, printing, etc. Drawings and paintings should be matted or framed under glass. (Exceptions: Oil and acrylic paintings do not require glass and are not required to be matted.) Watercolor, chalk, pen & ink, etc. do require some protective covering. Gallery frames are acceptable. Matted pieces without frames are acceptable, however the piece must be prepared for hanging OR it must include a photo of the artwork being displayed in a non-hanging manner. There is no specific requirement for the type of mat used.

50336c **Chalk/Carbon/Pigment: Division B C: Glass, Wood, Metal, Textiles**
Any original artwork done with pencils, chalk, pens, ink, paint, charcoal, dyes, etc., on glass, wood, metal, and textiles. This would include all painting, sketching, drawing, cartooning, original non-computer-generated graphics, printing, etc. Painted and/or glazed pre-formed ceramics and painted porcelain dolls are not eligible for the State Fair exhibit. Drawings and paintings should be matted or framed under glass. (Exceptions: Oil and acrylic paintings do not require glass and are not required to be matted.) Watercolor, chalk, pen & ink, etc. do require some protective covering. Gallery frames are acceptable. Matted pieces without frames are acceptable, however the piece must be prepared for hanging OR it must include a photo of the artwork being displayed in a non-hanging manner. There is no specific requirement for the type of mat used.

- 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 hang, it does not require protective covering nor does it need to be prepared to hang.
- 50370 **Visual Arts: Computer-Generated Art Graphic Design**
Any original art created in any software package that displays visual information, such as an advertisement, publication, website, or any other type of visual communication by effectively combining text and graphics. If using clip art, downloaded images, imported images, or photographs, they must be either royalty-free or owned by the exhibitor.
- 50339 **Visual Arts: Fiber**
Any original item made of fiber. Examples include but are not limited to fabric collage, soft sculpture, stitchery, weaving, embroidery, cross-stitch, wearable art, hooking, braiding, duct tape artistry, string art, and baskets. **Original** cross-stitched, knitted, or crocheted items belong in this Fiber class. **Non-original** cross-stitched, knitted, or crocheted items should be entered in Heritage Arts. Machine knitted items are not appropriate for this class.
- 50350 **Visual Arts: Fiber Non-Original AGES 8-10 ONLY**
Any non-original item made of fiber. Examples include but are not limited to fabric collage, soft sculpture, stitchery, weaving, embroidery, cross-stitch, crocheting, knitting, weaving, hooking, and felting. Exhibitors may use a pattern and/or an idea generated from another source.
- 50340 **Visual Arts: Glass/Plastic**
Any original item made of glass or plastic.
- **50340a – Glass** - Possible items to exhibit include stained glass, etched glass (original design), mosaics made of glass, glass beading.
 - **50340b – Plastic** - Possible items to exhibit include plastic jewelry (friendly plastic); recycled plastic art; plastic that can be molded into 3D shapes.
 - **50340c – Plastic Block Art** - Any original item made entirely of plastic building blocks. This must be an **original design created by the exhibitor**. Structures are NOT eligible in the Visual Arts Plastic Block Art exhibit area. The exhibit will be judged using a Visual Arts rubric. The exhibit must be attached to a board or frame for display and prepared to be hung or presented as 3-dimensional piece of table art, however NOT a structure (unacceptable items would include buildings, rollercoasters, etc.).

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

50341

Visual Arts: Heritage Arts

Exhibit an item of *traditional* art learned from another person or **from a pattern** (NO KITS may be entered in this class). Non-original cross-stitched, knitted and crocheted items by pattern fit in this class. ALL ORIGINAL cross-stitched, knitted and crocheted items should be exhibited in Fiber Arts; (machine knitted items ARE NOT acceptable for this class.) Other possibilities include: needlepoint, counted cross-stitch, crewel, embroidery, cut work, hardanger embroidery (embroidery openwork), macramé, candles, blacksmithing, pysanki (decorated eggs), baskets (made using a traditional pattern), traditional handmade dolls with handmade costumes, soaps made using nature dyes and/or candles.

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

50321

Visual Arts: Leather

Exhibit one of the following options using leather.

- Leather: Stamping: Exhibit should utilize one or more stamping techniques – exhibit examples include items such as belt; coasters; bookmark; key chain; wrist bracelet.
- Leather: Carving or Tooling: Exhibit should use simple swivel knife tooling techniques or may incorporate several swivel knife-tooling designs or patterns – exhibit examples include items such as belt; pictorial carving; key case.
- Leather: Lacing: Exhibit to include stamping and/or carving techniques incorporated with lacing techniques – exhibit examples include items such as wallets; purses; etc.
- Leather Stitching: Exhibit may include stamping; carving and/or lacing techniques and should be a leather item or article of apparel, which incorporates hand-sewing and/or machine stitching techniques. Hand-sewing and/or machine stitching must be the work of the exhibitor.

50342

Visual Arts: Metal

Any original item made of metal such as sculpture, tin punch, engraved metal, and jewelry. Items intended for industrial use (such as tools and/or shop items) are not considered part of this Visual Arts project and are not eligible for entry. Metal items that 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. Engineered wood may be utilized as part of the exhibit to adhere natural materials, not as an element of the design. Articles such as dried pressed flowers may be displayed under glass if viewed as necessary for protection/preservation of the natural materials. Candles are not suitable as entries and instead should be entered in Heritage Arts. All baskets should be entered in Heritage Arts.

50344

Visual Arts: Paper

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

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

PLEASE NOTE THE FOLLOWING:

1. Paper-cut designs and quilling have the potential, depending on the design to align with either of the categories. The key design element is whether the design is 2-dimentional or 3-dimentional.
2. Paper twist articles made from a kit or directions in a craft book or store ARE NOT original and not appropriate in the Visual Arts Paper exhibit area. Scrapbooks are also not eligible in for Visual Arts Paper and should be exhibited in Visual Arts Scrapbooking.
3. If creating origami, folded pieces should either be used to create a bigger project such as a mobile or wreath, or multiple pieces of origami should be displayed. Exceptions would be if exhibitor created their own folding pattern.

50331a Visual Arts: Quilting – You Can Quilt

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

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

50331b

Visual Arts: Quilting – Quilting the Best Better

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

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

- 50345 **Visual Arts: Scrapbooking, Beginning**
Exhibit one album or notebook, either 8 ½" x 11" or 12" x 12", with a front and back cover. The album/notebook must have a minimum of 4 pages (front and back, making it 8 sides), exhibited in page protectors. **NOTE – the front and back album covers are NOT part of the “page” count.** “Embellishments” are defined as the decorations or special details and features that add to a page and make it more visually appealing. Embellishments may include, but are not limited to, ribbon, clips, stickers, special lettering, etc. Beginners must use a **minimum of four embellishments** in their 4 scrapbook pages (a minimum of four embellishments on the 4 required scrapbook pages, not four per page), 8 sides and tell a story with pictures.
- 50346 **Visual Arts: Scrapbooking, Intermediate**
Exhibit one album or notebook, either 8 ½" x 11" or 12" x 12", with a front and back cover. The album/notebook must have a minimum of 6 pages (front and back, 12 sides), exhibited in page protectors. **NOTE – the front and back album covers are NOT part of the “page” count.** “Embellishments” are defined as the decorations or special details and features that add to a page and make it more visually appealing. Embellishments may include, but are not limited to, ribbon, clips, stickers, special lettering, etc. Intermediate level exhibitors must use a **minimum of eight embellishments** in their 6 scrapbook pages (a minimum of eight embellishments on the 6 required scrapbook pages, not eight per page), 12 sides and tell a story with pictures and journaling.
- 50347 **Visual Arts: Scrapbooking, Advanced**
Exhibit one album or notebook, either 8 ½" x 11" or 12" x 12", with a front and back cover. The album/notebook must have a minimum of 8 pages (front and back, 16 sides), exhibited in page protectors. **NOTE – the front and back album covers are NOT part of the “page” count.** “Embellishments” are defined as the decorations or special details and features that add to a page and make it more visually appealing. Embellishments may include, but are not limited to, ribbon, clips, stickers, special lettering, etc. Advanced level exhibitors must use a **minimum of 12 embellishments** in their 8 scrapbook pages (a minimum of twelve embellishments on the 8 required scrapbook pages, not twelve per page), 16 sides and tell a compelling story with pictures, journaling, and other media.
- 50348 **Visual Arts: Three-Dimensional Design/Mixed Media**
Art pieces in this class must be comprised of at least three different media. No one medium can make up more than 40% of a piece. The piece should be either freestanding or should be prepared to be hung. It must be observable on at least three different sides. Originality and design are important concepts. Craft and preformed or assembled projects are not acceptable. Due to space limitations, any single exhibit in the Three-Dimensional Design/Mixed Media project should NOT exceed 48" x 48".
- 50351 **Visual Arts: Three-Dimensional Design/Mixed Media - Diorama**
Exhibit a model representing a scene with three-dimensional figures. The display must be built on rigid wood (i.e., plywood). Exhibits may include but are not limited to, farm displays, historical events, landmarks, habitats, or scenes from a book. Exhibits may include pre-manufactured items such as tractors, animals, or figurines, but should also include artistic elements where possible. Due to space limitations, any single exhibit in the Three-Dimensional Design/Mixed Media: Diorama project should NOT exceed 48" x 48".

50349

Visual Arts: Wood

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

Clothing & Textiles

3 top exhibits may be selected from class # 50151 a-c, 50152 a-c, 50153 a-c; 2 exhibits for # 50154, 50155, 50156 and 1 exhibit for # 50157 a & b and 1 exhibit for #50158 a-c for State Fair.

SEWING

All exhibits entered in Sewing 1-3 will be judged based on their construction and fit (if applicable). Exhibitors bringing garments should not wear their garments when they arrive for judging. The garment will be reviewed by the judges for construction first. Exhibitors will be asked to change into the garment as the second step of the judging process. If the garment was constructed for another individual, that individual must be present to wear the garment for the judge. (Only the exhibitor who made the garment is eligible for ribbon and premium.) Construction and appearance will both be considered during judging. If a pattern was used to make the item, the pattern instructions, either written or electronic, are to be included with the exhibit. Exhibit tags should be attached to the garment, not to the hanger.

Members wishing to exhibit knitted items should enroll in Visual Arts Fiber (if original) or Visual Arts Fiber Non-Original AGES 8-10 ONLY (if made from a pattern and youth is ages 8-10). Youth over age 10 who use a pattern should enroll in Visual Arts Heritage Arts. **We strongly encourage youth interested in pursuing quilting to enroll and exhibit in the Visual Arts Quilting project area.** Youth may still exhibit quilts in any level of Sewing as a “Sewn Non-Clothing” item, but these quilts will be judged using the Sewing rubric that evaluates the sewing skills and construction of the item. If exhibiting quilts in the Sewing area, all work on the quilt MUST be completed by the 4-H member. You cannot exhibit a quilt that was quilted by someone else. Quilts can be hand OR machine quilted as long as ALL work is completed by the exhibitor.

Sewing 1 – FUNdamentals: (STEAM Clothing 1: FUNdamentals – Required)

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

CLASS

50151a

PROJECT

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.

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.)

Beginning Sewing Exhibits – exhibits in Sewing 1 must be made from medium weight woven fabrics that will sew and press smoothly, flannel/fleece is acceptable. Solid color fabrics or those having an overall print are acceptable. We strongly advise youth do not select fabrics with plaid or stripe patterns as judges will expect stripes to match at seams, which is a more advanced-level skill. NO NAPPED or JERSEY KNIT fabric. Patterns should be simple WITHOUT DARTS, SET-IN SLEEVES, and COLLARS. Raglan and loose flowing sleeves are acceptable.


Sewing 2 – Simply Sewing: (STEAM Clothing 2: Simply Sewing – Required) 

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

50152a **Non-Sewn Exhibits**

Exhibit one of the following:

- Clothing Portfolio – Complete at least four different samples/activities from Chapters 2, 3 AND/OR 4 of the project 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 non-clothing item or 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: (A Stitch Further – Required) 

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

50153a **Non-sewn Exhibits**

Exhibit one of the following:

- Clothing Portfolio – Complete at least four different samples/activities from Chapters 2, 3 AND/OR 4 of the project manual. The Portfolio should be placed in an 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 **Sewn Non-Clothing Exhibit**

Exhibit one of the following:

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

- Non-clothing item OR Clothing Accessory – Create a non-clothing item or clothing accessory using at least one skill learned in this project. Exhibitor should be able to identify the skill used.

50153c **Sewn Clothing Exhibit**

- 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.

COSTUME DESIGN & CLOTHING EMBELLISHMENT

All exhibits entered in the Costume Design & Clothing Embellishment projects will be judged based on their creativity, planning, and execution. Exhibitors bringing garments should not wear their garments when they arrive for judging. The garment will be reviewed by the judges for construction first. Exhibitors will be asked to change into the garment as the second step of the judging process. If the garment was created for another individual, that person can come to judging to model the outfit, or photos of that person in the outfit can be supplied. (Only the exhibitor who made the garment is eligible for ribbon and premium.) If a pattern was used to make the item, the pattern instructions, either written or electronic, are to be included with the exhibit. Exhibit tags should be attached to the garment (preferably with a safety pin and string), not to the hanger. Garments may be worn before exhibiting but should be in good, clean condition. Both projects require youth to complete a project workbook and bring it to judging.

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

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

Costume Design (*Costume Design Workbook – Required*)

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

<u>CLASS #</u>	<u>PROJECT</u>
50157a	Costume Design Beginner – For members with 2 or less years of experience in costume design (including this year)
50157b	Costume Design Advanced – For members with 3 or more years of experience in costume design (including this year)

Clothing Embellishment (*Clothing Embellishment Workbook – Required*)

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

<u>CLASS #</u>	<u>PROJECT</u>
50158a	Clothing Embellishment Applied Decoration is attached by gluing, fusing, or painting. Examples: jewels, puff paints, appliqués, tie dye.
50158b	Clothing Embellishment Stitched Decoration is hand-or machine-stitched. Examples: machine or hand sewing, such as adding a collar or skirt, appliqué, satin stitch, embroidery, quilting, beading, knitting or crochet (4-H'er does not need to create the knit or crochet piece themselves, it could be purchased or made by others but attached by the 4-H'er).
50158c	Clothing Embellishment Combination Decoration includes any combination of both applied and stitched techniques across the outfit.

CLOTHING: SHOPPING

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

Shopping in Style (*Shopping in Style Digital – Required*)

Members are encouraged to spend more than one year involved in this project so they have time to learn what clothing styles look best on them while they also gain skills in building a versatile wardrobe and staying within their budget. Each year enrolled in Shopping should build on previous year's learning experience. For all levels of this project, participants should bring a garment to display and model for the judge.

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

<u>CLASS #</u>	<u>PROJECT</u>
50154	Shopping in Style: Beginning (Levels 1 & 2) Choose one of the following activities from Unit 1 or Unit 2 of the project book to exhibit: <ul style="list-style-type: none">• 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 (Levels 3 & 4)

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

- Exhibit should include two clothing items that were previously a part of your wardrobe that still fit but you don't wear anymore and pair them with something new to make them wearable again. Also include a report that explains why the garment was not being worn and what you did to transform it into a wearable garment again. **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. Please bring at least one complete outfit from the selected clothing to display and model for the judge. **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 (Levels 5 & 6)

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

- Exhibit should include garment you purchased along with a poster or report that summarizes care requirements not only for this garment but also for garments made of other natural and synthetic fibers; exhibit should also include a care cost analysis for garments of different fibers. **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. **OR**
- Exhibit should include multiple garments you purchased along with a poster or report that provides plans and commentary for a fashion show that would capture the attention of an audience. Fashion show plans should identify target audience, include show venue, purpose of the show, and logistical plan for the fashion show. This should also include a financial plan. Exhibitor should be prepared to demonstrate modeling skills and bring at least one garment to display and wear.

ENVIRONMENTAL SCIENCES

NATURAL RESOURCES & ENVIRONMENT AWARD

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

**Entomology, Beekeeping, Forestry, Geology,
Fishing, Wildlife, Natural Resources, Weather**

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




Entomology -- General

2 top exhibits from class # 50183, 50184, 50185, 50186 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. All displays should be comprised of non-living specimens properly prepared for display.

Rules for pinning and labeling insects are available at the following site: <https://extension.entm.purdue.edu/401Book/default.php?page=home>.

Projects focused on Arachnids (Spiders) should be displayed in Nature: Natural Resources & Outdoor Adventures in the Exploring Your Environment (50257a or 50257b) class.

<u>CLASS #</u>	<u>PROJECT</u>
50183	Entomology 1 (<i>Teaming With Insects 1 – Required</i>)  Exhibit 15-29 or more species representing four or more orders. Collection must be accurately labeled. Exhibitors must also include the Entomology 1 project manual, <i>Teaming With Insects 1</i> , with at least one completed activity for each year enrolled. The project manual must be included. Rules for pinning and labeling insects are available at the following site: https://extension.entm.purdue.edu/401Book/default.php?page=home
50184	Entomology 2 (<i>Teaming With Insects 2 – Required</i>)  Exhibit 30-59 or more species representing eight or more orders. Collection must be accurately labeled. Exhibitors must also include the Entomology 2 project manual, <i>Teaming With Insects 2</i> , with at least one completed activity for each year enrolled. The project manual must be included. Rules for pinning and labeling insects are available at the following site: https://extension.entm.purdue.edu/401Book/default.php?page=home
50185	Entomology 3 (<i>Teaming With Insects 3 – Required</i>)  Exhibit 60 or more species representing twelve or more orders. Collection must be accurately labeled. Exhibitors must also include the Entomology 3 project manual, <i>Teaming With Insects 3</i> , with at least one completed activity for each year enrolled. The project manual must be included. Rules for pinning and labeling insects are available at the following site: https://extension.entm.purdue.edu/401Book/default.php?page=home
50186	Entomology Display (Open to youth enrolled in Entomology 1, 2 or 3) Exhibit any activity or display related to Entomology that does not fit into Entomology Classes 1, 2 or 3 above. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you

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

Entomology -- Beekeeping




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

Create an exhibit that shows the public what you learned in the beekeeping project this year. **Note:** No beehives may be exhibited. (Honey moisture content will be measured.) 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.*

CLASS #	PROJECT
50188	Beekeeping 1 Exhibit an educational display for one (1) of the following: <ul style="list-style-type: none">• Flowers Used to Make Honey. Display pressed flowers from ten (10) different Illinois plants that bees use for making honey.• Uses of Honey and Beeswax.• Setting Up a Beehive.• Safe Handling of Bees.• Equipment needed by a Beekeeper.
50189	Beekeeping 2 Exhibit one (1) of the following: <ul style="list-style-type: none">• Extracted honey: Three (3) 1# pint jars (glass, screw-top), holding 1# lb. of honey each.• Chunk honey (comb in jar): Three (3) 1# pint jars (wide-mouth, glass).• Cut-comb honey: Three (3) 1# lb. boxes (boxes are usually 4 ½” x 4 ½” in size).• Section honey: Three (3) sections of comb honey (in basswood boxes or Ross rounds).• Working with 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. <ol style="list-style-type: none">1. Extracted honey: Three (3) 1# pint jars (glass, screw-top), holding 1# lb. of honey each.2. Chunk honey (comb in a jar): Three (3) 1# pint jars (wide-mouth, glass) .3. Cut-comb honey: Three (3) 1# lb. boxes (boxes are usually 4 ½” x 4 ½” in size).4. Comb honey: Three (3) sections (honey built by bees in frames of wood commonly called “sections”) (boxes are usually 4 ½” x 4 ½” in size).5. Section honey: Three (3) sections of comb honey (in basswood boxes or Ross rounds) OR6. Prepare an educational display about honey bees or beekeeping.

Forestry

1 top exhibit from class # 50212, 50213, 50214 and 50215 may be selected for State Fair.

<u>CLASS #</u>	<u>PROJECT</u>
50212	Forests of Fun 1 (<i>Level 1: Follow the Path – Required</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.
50213	Forests of Fun 2 (<i>Level 2: Reach for the Canopy – Required</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.
50214	Forests of Fun 3 (<i>Level 3: Explore the Deep Woods – Required</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.
50215	Forestry Innovation Class Demonstrate the skills and knowledge you have gained through your Forestry project. Exhibit may be the result of knowledge gained from project manuals; independent study, interaction with natural resource or conservation professionals. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

Geology

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



The size and number of exhibit cases should relate appropriately to the number of specimens being displayed for a specified class. Specimens are not limited to Illinois locations. All levels of Geology use the same manual, Geology-Introduction to the Study of the Earth. **Do not identify your specimens any further than phylum and class.** There is one exception to this for fossils that are identified to phylum OR class. Class should only be used for fossils of mollusks, back-boned animals, and arthropods.

<u>CLASS #</u>	<u>PROJECT</u>
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.


Natural Resources and Outdoor Adventures

3 top exhibits from class # 50256, 50257a, 5057b, 50258 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.**

<u>CLASS #</u>	<u>PROJECT</u>
50257a	Exploring Your Environment 1 (<i>Exploring Your Environment - Ecosystem Services – Required</i>)  Exhibit any item, project, or display made as it relates to an activity in the <i>Exploring Your Environment - Ecosystem Services</i> project manual. The display should demonstrate an understanding of natural and/or manmade environments, how humans affect the environment, or how the environment affects our lives. Include your project manual that documents activity recordkeeping, your answers to activity questions, and details personal thoughts and ideas.
50267b	Exploring Your Environment 2 (<i>Exploring Your Environment – Earth's Capacity – Required</i>)  Exhibit any item, project, or display made as it relates to an activity in the <i>Exploring Your Environment – Earth's Capacity</i> project manual. The display should demonstrate an understanding of one of the following: stewardship of natural resources, investigating greenhouse effects on living organisms, methods of reducing or managing waste in your home or community, or calculating




your ecological footprint. Include your project manual that documents activity recordkeeping, your answers to activity questions, and details personal thoughts and ideas.



50256 **Outdoor Adventures 1-3** Choose the correct level project manual – Level 1: *Hiking Trails*, Level 2: *Camping Adventures* or Level 3: *Backpacking Expeditions* – Required 
Exhibit a display illustrating an activity completed from the project manual.

50258 **Natural Resources or Outdoor Adventures Innovation Class**
(Open to youth enrolled in any Natural Resources or Outdoor Adventures project.)
Demonstrate the skills and knowledge you have gained through your Natural Resources or Outdoor Adventures project. Exhibit may be the result of knowledge gained from project manuals; independent study, interaction with natural resource or conservation professionals. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

Fishing and Wildlife


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



<u>CLASS #</u>	<u>PROJECT</u>
50260	Sportfishing 1 (<i>Level 1: Take the Bait</i> – Required)  Exhibit a product or display made to complete an activity in the <i>Take the Bait</i> project manual. This could include, but is not limited to, displays on: different types of fishing tackle, identifying different baits and their uses (no actual bait, please) or identifying the anatomy of a fish. For safety reasons, lures must be placed in a plastic case.
50261	Sportfishing 2 (<i>Level 2: Reel in the Fun</i> – Required)  Exhibit a product or display made to complete an activity in the <i>Reel in the Fun</i> 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	Sportfishing 3 (<i>Level 3: Cast Into the Future</i> – Required)  Exhibit a product or display made to complete an activity in the <i>Cast into the Future</i> project manual. This could include, but is not limited to, displays on: making artificial flies and lures; researching effects of water temperature; sportfishing careers; or identifying insects that fish eat. For safety reasons, lures must be placed in a plastic case.

- 50263 **Wildlife 1** (*Wildlife Science Level 1 Digital – Required*) 
Exhibit any activity developed from the project manual. (Ex. Identify different wildlife habitats.)
Within the exhibit, explain the importance of knowing the information shared.
- 50264 **Wildlife 2** (*Wildlife Science Level 2 Digital – Required*) 
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.
- 50266 **Fish and Wildlife Class**
(Open to youth enrolled in any Sportfishing or Wildlife project.)
Demonstrate the skills and knowledge you have gained through your Sportfishing or Wildlife project. Exhibit may be the result of knowledge gained from project manuals; independent study, interaction with natural resource or conservation professionals. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

Weather

1 top exhibit from class # 50392, 50393, 50394 may be selected for State Fair.

- | <u>CLASS #</u> | <u>PROJECT</u> |
|----------------|--|
| 50392 | Weather and Climate Science I (<i>Level 1 Weather and Climate Science – Required</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** (*Level 2: Weather and Climate Science – Required*)  Exhibit any product or display illustrating an activity from the book. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.
- 50394 **Weather and Climate Science 3** (*Level 3: Weather and Climate Science – Required*)  Exhibit any product or display illustrating an activity from the book. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must include something visual, such as a printed copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period.

Shooting Sports

2 entries total from class #50380, 50381, 50382, 50383 and 50384 may be selected for State Fair.

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

NOTE: Shooting Sports Displays 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 #:

50380

PROJECT:

Shooting Sports: Archery Display



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

- 50381 **Shooting Sports: Rifle Display**
Exhibit a poster or stand-alone display depicting safe firearm handling, range safety, the parts of the rifle, tracking the target, target sighting, or another topic you have learned through the 4-H Shooting Sports program.
- 50382 **Shooting Sports: Shotgun Display**
Exhibit a poster or stand-alone display depicting safe firearm handling, range safety, the parts of the shotgun, tracking the target, target sighting, or another topic you have learned through the 4-H Shooting Sports program.
- 50384 **Shooting Sports: Pistol Display**
Exhibit a poster or stand-alone display depicting safe firearm handling, range safety, the parts of the pistol, tracking the target, target sighting, or another topic you have learned through the 4-H Shooting Sports program.

HEALTHY LIVING

Food & Nutrition

7 top entries total from any of these food classes #50200 a-c, 50201 a-c, 50202 a-e, 50203 a-d, 50208 a-f
And 2 entries from the Food Science classes 50204, 50206, 50207, 50209

- | <u>CLASS #</u> | <u>PROJECT</u> |
|----------------|---|
| 50200 | <p>4-H Cooking 101 (4-H Cooking 101 – Required) </p> <p>Using the recipes included in the project manual (<i>which are also available at go.illinois.edu/Cooking101Recipes</i>), prepare an exhibit for one of the classes below. No icing should be on any products. No ingredient additions or substitutions should be made to the recipes, unless they are to accommodate food allergies, sensitivities, or special diets (i.e. nut allergy, gluten intolerance, vegetarian/vegan diet, etc.). If you make changes to the recipe due to the reasons listed above, bring a copy of the recipe with your changes and be prepared to discuss them with the judge. Bars, coffeecake, or cookies should be displayed on a disposable plate placed in a zip-sealing plastic bag. In addition to your food exhibit, complete the What’s on Your Plate? Activity on pages 10-11 in the 4-H Cooking 101 project manual (<i>and for download at go.illinois.edu/Cooking101Activity</i>). Bring a document with printed pictures of your 3 or more plates and the answers to questions 1-7 to remain on display with your project. The words on the plates must be legible and clearly visible in the picture. Pictures, graphics or photos are acceptable. Due to space limitations at State Fair, the size of the activity document should be no larger than an 8 ½” x 11” binder or folder.</p> <p>Cereal Bars (50200A) - 3 cereal marshmallow bars
Coffeecake (50200B) - ¼ of 8” square or round coffeecake
Cookies (50200C) - 3 cookies</p> |
| 50201 | <p>4-H Cooking 201 (4-H Cooking 201 – Required) </p> <p>Using the recipes included in the project manual (<i>which are also available at go.illinois.edu/Cooking201Recipes</i>), prepare an exhibit for one of the classes below. No ingredient additions or substitutions should be made to the recipes, unless they are to accommodate food</p> |

allergies, sensitivities, or special diets (i.e. nut allergy, gluten intolerance, vegetarian/vegan diet, etc.). If you make changes to the recipe due to the reasons listed above, bring a copy of the recipe with your changes and be prepared to discuss them with the judge. Bread, biscuits, or scones should be displayed on a disposable plate placed in a zip-sealing plastic bag. In addition to your food exhibit, complete Experiment with Meal Planning Activity on page 91 in the 4-H Cooking 201 project manual (*and for download at go.illinois.edu/Cooking201Activity*). Bring either page 91 with your completed answers or a document with the answers to remain on display with your project along with a picture of the meal you prepared. You do not need to complete the Challenge Yourself section on page 91. Due to space limitations at State Fair, the size of the activity document should be no larger than an 8 ½" x 11" binder or folder.

Biscuits (50201A) - 3 rolled biscuits

Scones (50201B) - 3 scones

Nut Bread 50201C) - ½ loaf (9" x 5") of basic nut bread (no variations)

50202

4-H Cooking 301 (*4-H Cooking 301 – Required*) 

Using the recipes included in the project manual (*which are also available at go.illinois.edu/Cooking301Recipes*), prepare an exhibit for **one** of the classes below. If icing is used on the tea ring or sweet rolls, the recipe for the icing must also come from the book. The yeast bread/roll dough may be prepared in a bread making machine; however prepared mixes are not permitted. **No ingredient additions or substitutions should be made to the recipes**, unless they are to accommodate food allergies, sensitivities, or special diets (i.e. nut allergy, gluten intolerance, vegetarian/vegan diet, etc.). If you make changes to the recipe due to the reasons listed above, bring a copy of the recipe with your changes and be prepared to discuss them with the judge. Display exhibit on a disposable plate or pie tin and place in a zip-sealing plastic bag. In addition to your food exhibit, complete one of the six experiments: Experiment with Flour p. 33-34, Experiment with Kneading p. 35-36, Experiment with Yeast p. 37-38 or 39, Experiment with Butter p. 62-63 or Experiment with Cheese p. 104-105. Copies of all experiments are available to download at go.illinois.edu/Cooking301Experiments. Bring a document with a printed picture of your experiment and the answers to the experiment questions to remain on display with your project. Due to space limitations at State Fair, the size of the experiment document should be no larger than an 8 ½" x 11" binder or folder.

Dinner Rolls (50202A) - 3 dinner rolls

Yeast Bread (50202B) - loaf of yeast bread

Tea Ring (50202C) - 1 tea ring

Sweet Rolls (50202D) - 3 basic sweet dough rolls

Cake (50202E) - one layer of a rich white cake or rich chocolate cake, top side up (*without frosting*)

50203

4-H Cooking 401 (*4-H Cooking 401 – Required*) 

Using the recipes included in the project manual (*which are also available at go.illinois.edu/Cooking401Recipes*), prepare an exhibit for **one** of the classes below. **No ingredient additions or substitutions should be made to the recipes**, unless they are to accommodate food allergies, sensitivities, or special diets (i.e. nut allergy, gluten intolerance, vegetarian/vegan diet, etc.). If you make changes to the recipe due to the reasons listed above, bring a copy of the recipe with your changes and be prepared to discuss them with the judge. Display exhibit on a disposable plate and place in a zip-sealing plastic bag. In

addition to your food exhibit, pick one of the recipes from Cooking 401 that is not a choice for exhibit. Make the recipe and take a picture of the results. Bring a document with a printed picture of the food you made from the recipe and the answers to the following two questions: 1.) If you made this recipe again, what would you do differently? 2.) What did you learn that can help you in other ways besides preparing food? Due to space limitations at State Fair, the size of the activity document should be no larger than an 8 ½" x 11" binder or folder.

Focaccia Bread (50203A) - ¼ of a 15" x 10" loaf of focaccia bread (do not include dipping oil)
Pie Shell (50203B) - one baked pie shell – traditional, oil, or whole wheat (no graham cracker)
Sponge Cake (50203C) - ¼ golden sponge cake, top side up, without frosting
French Bread (50203D) - ½ loaf French bread.

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

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.

Food Preservation

Prepare an exhibit using ONE of the following food preservation methods: canning; freezing; drying; pickles/relishes; jams, jellies and preserves OR a combination of these (see Preservation Combination option below), excluding Freezing. No freezer jam exhibits will be allowed for Freezing; Jams, Jellies, and Preserves; or for the Preservation Combination options. Be sure to review all of the Food Preservation rules that follow the class list so you can follow all exhibit requirements.

CLASS #

PROJECT

50208a

Fruits/Vegetables

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.).

50208b

Freezing

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

- 50208c **Drying**
Exhibit two (2) different dried foods packed in plastic food storage bags. Choose from fruit, vegetable, fruit leather or meat jerky.
- 50208d **Pickles and Relishes**
Exhibit two (2) pint jars of different recipes of pickles and/or relishes made from produce.
- 50208e **Jams, Jellies, and Preserves**
Exhibit two (2) half-pint jars of two different jams, jellies, and/or preserves.
- 50208f **Preservation Combination**
Exhibit two (2) different preserved food products from two different categories above, excluding Freezing, in appropriate jars/packaging (Drying). For example, exhibit 1 jar of tomatoes (Fruits/Vegetables) and 1 half-pint of jelly (Jams, Jellies, and Preserves).

All preserved products should be prepared and processed according to the current USDA/Extension information. USDA information on preserving food, including recipes, can be found at: www.homefoodpreservation.com or <https://extension.illinois.edu/food-preservation/food-preservation>. Recipes must be processed in a water-bath or pressure canner. **Per the 4-H general show rules, entries must be produced (preserved) this 4-H year (between September 1, 2024 and August 31, 2025).**

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

Examples:

- Strawberry jam, boiling water bath. July 13, 2025.
- Green beans, pressure canner. July 13, 2025.
- Beef jerky, food dehydrator and oven. July 13, 2025.





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


- *PUT IT UP! Food Preservation for Youth* website or manuals
- National 4-H Home Food Preservation Project Manuals
- U.S. Department of Agriculture (USDA)
- National Center for Home Food Preservation
- Ball/Kerr Canning (recipes after 1985)
- Mrs. Wages

DO NOT BRING RECIPES FROM: Magazine or newspaper clippings, Pinterest (unless it is from a source listed above), a recipe from a family member or friend without a source, cookbooks (excluding the Ball, Kerr, Put It Up!, and 4-H Home Food Preservation books).

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

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

<u>CLASS #</u>	<u>PROJECT</u>
50205	Global Gourmet (<i>Global Gourmet – Required</i>)  Prepare a display, digital presentation, or poster exhibit that demonstrates the knowledge and understanding gained through the completion of the Global Gourmet project. Your exhibit should include at least two activities to highlight what you learned from completing this project. Be ready to answer questions about how you shared the information you learned with others. Examples include talks ad demonstrations and hosting or assisting with a workshop. Be sure to bring your completed project guide for others to see and for you to share as needed during the conference judging.
50206	Kitchen Boss (<i>Kitchen Boss – Required</i>)  Prepare a display, digital presentation, or poster exhibit that demonstrates the knowledge and understanding gained through the completion of the Kitchen Boss Gourmet project. Your exhibit should include at least two activities to highlight what you learned from completing this project. Be ready to answer questions about how you shared the information you learned with others. Examples include talks and demonstrations and hosting or assisting with a workshop. Be sure to bring your completed project guide for others to see and for you to share as needed during the conference judging.
50207	Science Fun with Dairy Foods (<i>Science Fun with Dairy Foods – Required</i>)  Prepare a display, digital presentation, or poster on one of the activities you completed from the manual. Share 1) the topic you investigated; 2) process used to conduct the experiment; 3) results and observations; 4) what you learned; and 5) how you have applied this information. You must furnish any equipment you need for the exhibit. Internet service is not provided. Be ready to answer questions about how you shared this information with others. Examples include talks and demonstrations and hosting or assisting with a workshop. Although it is not required, it is a good idea to bring your project guide for others to see and for you to share as needed during the conference judging.
50209	Science Fun with Kitchen Chemistry (<i>Science Fun with Kitchen Chemistry – Required</i>)  Prepare a display, digital presentation, or poster on one of the activities you completed from the manual. Share 1) the topic you investigated; 2) process used to conduct the experiment; 3) results and observations; 4) what you learned; and 5) how you have applied this information. You must furnish any equipment you need for the exhibit. Internet service is not provided. Be ready to answer questions about how you shared this information with others. Examples include talks and demonstrations and hosting or assisting with a workshop. Although it is not required, it is a good idea to bring your project guide for others to see and for you to share as needed during the conference judging.

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

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

Health


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

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

CLASS #
50226

PROJECT
Everyday Food and Fitness

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



50228 **Sports Nutrition: Ready, Set, Go** (*Sports Nutrition: Ready, Set, Go – Required*) 

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

Examples for Activity 1

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

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

<u>CLASS #</u>	<u>PROJECT</u>
50229	Your Feelings Matter – Navigating Mental Health (SF) <i>Your Feelings Matter Guide – Required</i>  Prepare a display, digital presentation, or poster exhibit that demonstrates the knowledge and understanding gained through the completion of the <i>Your Feelings Matter Member Project Guide</i> . Your exhibit should include at least two activities to highlight what you learned from completing this project. Be ready to answer questions about how you shared information you learned with others. Examples include talks and demonstrations and hosting or assisting with a workshop. Bring your project guide for others to see and for you to share as needed during conference judging.
50230	Your Thoughts Matter – Navigating Mental Health (<i>Your Thoughts Matter Guide – Required</i>)  Prepare an exhibit that demonstrates the knowledge and understanding gained through completion of the <i>Your Thoughts Matter Member Project Guide</i> . Exhibit the following 1) a poster or display that highlights activities and knowledge gained as you completed any two of activities 1 – 9 included in the curriculum; AND 2) the item you created in Activity 10 - the flyer, website, video, or other promotional tool that points individuals to the resources you found.
50227	Health Innovation Class 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.

SCIENCE, TECHNOLOGY, ENGINEERING, MATH

Aerospace

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

<u>CLASS #</u>	<u>PROJECT</u>
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.

Computer Science

3 top exhibits from class # 50135, 50136, 50137, 50138, 50139 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.*

<u>CLASS #</u>	<u>PROJECT</u>
50135	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.
50136	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.

- 50137 **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.
- 50138 **Website Design: (Open to youth in any Computer Science Project Area)**
Exhibit an original website that you have designed using a programming language such as HTML (cannot be made with website builder like Wix or Squarespace). Internet access will not be provided, so exhibitors must supply their own internet 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.
- 50139 **Text Based/Open Source Computer Science (Open to youth enrolled in any Computer Science or robotics project)**
Demonstrate the skills and knowledge you have gained through the Computer Science project using a text-based programming language (Python, Java, C, etc.). The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. Your exhibit should not fit in the other exhibit options for this project. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. Exhibits in this class may also demonstrate successful application of open source (publicly available) computing software and/or hardware, such as Raspberry Pi and Linux, to accomplish a task. All exhibits must include something visual, such as a poster or printed copy of a digital presentation or programming flowchart, which will remain on display during the exhibition. Exhibits in this area will be judged on the computer science programming. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Exhibits in this class must be able to fit on no more than a 3' x 2' space (or ground footprint).

Drones (Unmanned Aerial Vehicles/Systems)

2 top exhibits for class # 50375 and 50376 may be selected for State Fair.

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

CLASS #

PROJECT


50375

UAV Display (*Unmanned Aerial Vehicles/Systems: Drones – Required*) 

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

your personal judging time and will not remain on display during the entire exhibit period. Non-UAV/ Drone projects should not be entered in this class (see Aerospace Display).

50376

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

Electricity

3 top exhibits from class # 50177, 50178, 50179, 50180 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.

50180


Electricity 4:

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.

Esports

Top exhibit from class # 50378 may be selected for State Fair.

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



<u>CLASS #</u>	<u>PROJECT</u>
50378	eSports (<i>Illinois 4-H eSports Curriculum – Required</i>)  Compete in at least 1 ranked tournament online or in person (either as a team or solo), and fully document your progress throughout. Any game with a documentable bracket system, and at least 3 rounds counts. Be sure to include a description of the tournament, your match information, your win-loss record, and description of the game and platform being used to play the game (Ram requirements/capabilities of your machine, video card specs., etc.). Prepare a PowerPoint presentation describing your journey through eSports (including your 1 mandatory tournament), what you have learned about gaming/eSports, and why you think more youth should be involved. Also include a detailed description of your most important win, explaining your strategy in that victory. Be sure to include screenshots and video, if possible. Load your presentation to a USB drive. Must include a visual presentation.

Robotics

3 top exhibits from class & # 50285, 50286, 50288, 50289, 50292 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 LEGO Mindstorms (NXT, EV3, Lego Inventor, Lego Spike Prime).
- Any other programmable robot kit such as Arduino or Raspberry Pi, should be exhibited in Robotics Innovation/Open Source Class (50292).
- Members should bring their robot to the state fair.

<u>CLASS #</u>	<u>PROJECT</u>
50285	Robotics 1 (<i>Robotics 1 with EV3 or go.illinois.edu/RoboticsActivities1 – Required</i>)  Exhibitors will design, build and program a robot that uses at least one sensor to autonomously follow a path, respond to and/or avoid obstacles. The robot must be autonomous and cannot be controlled remotely. Exhibitors in this class must use at least one sensor in their robot design. Exhibiting youth must complete and display a build log which contains a diagram (drawing or 3D rendering) of their robot with each of the key components labeled, an explanation of why they made the design/programming decisions they made, and a short journal sharing what they learned about the engineering design process and programming throughout their work in the project (as well as while preparing the exhibit). In addition, each youth must bring their program code (on laptop or on paper), and their robot to demonstrate. The robot and obstacles must be able to fit on a 4' x 8' robotics table when being judged, and a 2' x 2' area when being displayed.
50286	Robotics 2 (<i>EV3 N More or go.illinois.edu/RoboticsActivities2 – Required</i>)  Exhibitors will design, build and program a robot that uses sensors and programming to complete two of the challenges selected challenges from the 2025 4-H State Robotics Challenge. The robot must be autonomous and cannot be controlled remotely. Eligible challenges will be marked in the Challenge Documents and on the Illinois 4-H Robotics website (https://4h.extension.illinois.edu/ways-

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

50292

Robotics 3 (go.illinois.edu/4HRoboticsProjectPage) 

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

Exhibit an original robot, either homemade or a kit that does not fall under Robotics 1 or 2 that can complete a task using MULTIPLE sensors. **The robot must be autonomous, Text Based (Python, C etc.) and cannot be controlled remotely.** If a robot kit is used, then some parts of the robot must be built using other components such as wood, plastic or metal. The robot can include any type of motors, pneumatics or sensors. This class can also be used for LEGO Mindstorms/Spike Prime, etc. or Vex kits where the exhibit does not fall under Robotics 1 or 2 exhibit options. Autonomous control of the robot may also be achieved using an “open source” platform such as Arduino or Raspberry Pi and can be programmed using a coding language that is publicly available. Exhibitors must complete and display a build log which contains a diagram (drawing or 3D rendering) of their robot with each of the key components labeled, an explanation of why they made the design/programming decisions they made, and a short journal sharing what they learned about the engineering design process and programming throughout their work in the project (as well as while preparing the exhibit). In addition, each youth must bring their program code (on laptop or on paper), and their robot to demonstrate. Exhibits in this class must be able to fit on no more than a 6' x 2' table (or ground footprint) and must be fully assembled 15 minutes prior to the judging start time. No Exceptions.

Junk Drawer Robotics

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

50287


Junk Drawer Robotics 1 (*Junk Drawer Level 1: Give Robotics A Hand & Youth Notebook – Required*) 

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

50288


Junk Drawer Robotics 2 (*Junk Drawer Level 2: Robots on the Move & Youth Notebook – Required*) 


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

50289

Junk Drawer Robotics 3 (*Junk Drawer Level 3: Mechatronics & Youth Notebook – Required*) 

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

50290

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

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

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. Exhibits must be portable. 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 1-3: 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.

Tractor

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

CLASS #

PROJECT

50306

Tractor A (*Level A: Starting Up – Required*) 

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

50307





Tractor B (*Level B: Tractor Operation – Required*) 

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

- 50308 **Tractor C (Level C: Moving Out – Required)**  Exhibit a display or poster that illustrates one of the following topics: wagon and bin hazards, diagram and identify open and closed hydraulic systems, mower types and safety features conveyor types and safety features, or another activity listed in the 4-H project manual.
- 50309 **Tractor D (Level D: Learning More – Required)**  Exhibit a display or poster that illustrates one of the following topics: method of winterizing a tractor, chemical uses and required safety equipment, parts and process of internal combustion engine, procedure for cleaning and flushing tractor radiator, or another activity.
- 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.

Welding

2 top exhibits from class # 50353 may be selected for State Fair.

<u>CLASS #</u>	<u>PROJECT</u>
50353	Welding (Arcs and Sparks – Required)  This exhibit class is open to any member eligible to participate in 4-H and show at the county/state fair. Exhibit one arc weldment/item demonstrating the skill level of the exhibitor. Members new to the project should consider selecting a weldment from the suggested <u>Weldment List</u> found on page 43 of <i>Arcs and Sparks</i> (4-H 573 – Shielded Metal Arc Welding). This class is for industrial welding only. (Members that wish to use welding to create objects with an artistic appeal should consider enrolling in the 4-H Visual Arts Metal project and consider entering those types of exhibits in the Visual Arts – Metal class.) Exhibits must be portable and cannot be exhibited on a trailer.

Woodworking

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

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

<u>CLASS #</u>	<u>PROJECT</u>
50357	Woodworking 1: Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable and cannot be exhibited on a trailer. Allowed tools in this level: hand tools only, including a hand miter box.
50358	Woodworking 2: Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable and cannot be exhibited on a trailer. Allowed tools in this level: hand tools, power hand drill, miter box (non-powered), oscillating (pad) sander and jigsaw.
50359	Woodworking 3: Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable and cannot be exhibited on a trailer. Allowed tools in this level: hand tools, power hand drill, miter box, jigsaw, scroll saw, power sanders, table saw, drill press, band saw, rabbet plane, jointer, and router.
50360	Woodworking 4: Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable and cannot be exhibited on a trailer. Allowed tools in this level: all those mentioned in levels 1- 3, plus circular saw, radial arm saw, planer, wood lathe, chop saw, and other power tools needed to complete advanced projects.

FLORICULTURE

Floriculture

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

CLASS #

PROJECT

50192

Floriculture A

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

- Create a flower arrangement, either a round arrangement or a bud vase. No silk flowers are permitted; **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, please note that space required for container exhibits, artistic displays, and fairy gardens must not exceed 24" x 24" x 48" unless otherwise indicated.

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

50194

Floriculture C

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

- Create a terrarium. Selected plants should be started by the exhibitor from cuttings or seeds or as purchased plugs. The terrarium must be cared for by the exhibitor for at least 5 months. 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 in the University of Illinois Extension Gardener's Corner

(go.illinois.edu/gardenerscorner).

50195

Floriculture D

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

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

50196

Floriculture Display

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

HORTICULTURE, CROPS AND PLANTS/SOILS CLASSES ARE LOCATED IN THE FAIR SHOWBOOK.

CLOVERBUDS

Youth enrolled in a Monroe County 4-H Cloverbud program have the opportunity to bring something to the 4-H Show-a-Rama to speak with a judge about -- purely for the experience.

Cloverbuds are not be eligible for state premium money or to go to State Fair as the older 4-H members are; however they will receive a participation ribbon and the experience of what to expect when they join 4-H in the future.

Cloverbud members may exhibit that they have done that they are proud of and can talk to the judge about.

Examples of exhibits include pet care, something they grew (flower, produce), legos, a sewing project, art project, painting, craft kits, etc.