

The McDonough County 4-H Fair is the showcase of exhibits of McDonough County Community Club 4-H members. The success of the fair is due to the cooperation between the 4-H member and their families, 4-H volunteers, Extension Council and Staff. We would like to welcome you to the fair and extend best wishes and thanks to you, the exhibitors and visitors during the fair.

Sincerely,

***University of Illinois Extension ~ McDonough County Staff***

**Lisa Torrance**  
County Extension Director

**Shelby Carlson**  
4-H Youth Development Educator

**Beth Chatterton**  
4-H Program Coordinator

**Tessa Hobbs-Curley**  
Family Life Educator

**Chris Enroth**  
Horticulture Educator

**Carrie McKillip**  
Community & Economic  
Development Educator

**Lorie Schwerer**  
Office Support Staff

### **2020 Federation Officers**

Youth Leader ~ Katie Riggins

President ~ Sidney Hood ~ Scotland Clever Clovers  
Vice President ~ Erin Curley ~ 4-H Goal Diggers  
Treasurer ~ Sarah Riggins ~ Scotland Clever Clovers  
Secretary ~ Rachel Hood ~ Scotland Clever Clovers  
Reporter ~ Macy Coker ~ Scotland Clever Clovers  
Recreation Chair ~ Anna Curley ~ 4-H Goal Diggers

### **2020 McDonough County 4-H Committee**

Mike Cox, Victoria Engnell, Angie Heaton, Troy Heaton, Curt Rigg,  
Michelle Sargeant, Jake Patterson, Chairperson

### **2020 Unit #10 Extension Council**

Karen Cole, Krissy Conklen, Olivia Diaz, DeVone Eurales, Kishor Kapale, Patrick King,  
Mary Mowen, Jasmine Padilla, Win Phippen, Dalton Pullen, Joey Range, Blake Rappenecker,  
Mary Ann Severs, Erica Smith, Jackie Sullivan, Lori Sutton, Casey Sutton, Bobbi Tapscott,  
Emma Wohlstadter, Angel Wright

### **2020 4-H & Extension Foundation Committee**

Colleen Carlson, Deb Carson, Amy Haney, Angie Heaton, Katie Hoge,  
Katie Riggins, Alice Thorman

**If a 4-H member needs a reasonable accommodation to participate in the McDonough County 4-H Fair, please contact the office at 309/837-3939. Early requests are strongly encouraged to allow sufficient time for meeting your access needs.**



## University of Illinois Extension 4-H Code of Conduct

All participants in events and/or activities planned, conducted, and supervised by the University of Illinois Extension and 4-H, are responsible for their conduct to U of I Extension personnel and/or volunteers supervising the events. This responsibility is necessary for the health, safety, and welfare of the participants, will be rigidly adhered to, and will be uniformly enforced. The following conduct is not allowed while participating in any 4-H event or activity and is subject to disciplinary action:

### Category 1

- a) Possession, use or distribution of alcohol and other drugs, including tobacco products.
- b) Theft or destruction of public or private property.
- c) Involvement in sexual misconduct or harassment.
- d) Possession or use of dangerous weapons or materials (including fireworks).
- e) Fighting or other acts of violence that endanger the safety of the participant or others.

### Category 2

- a) Willfully breaking curfew.
- b) Unauthorized use of vehicles.
- c) Participation in gambling.
- d) Absence from the planned program.
- e) Intentionally interfering with or disrupting the events.
- f) Use of profane or abusive language.
- g) Disregard for public or personal property.
- h) Public displays of affection or inappropriate actions.
- i) Failure to comply with direction of Extension personnel, including designated adults acting within their duties and guidelines.

**Consequences:** The University of Illinois Extension reserves the right to restrict participation in future activities for those individuals who have been removed from an activity for any behavior outlined in Category 1 or Category 2. In all cases, the participant will be responsible for restitution of any damages incurred by his/her actions.

### Category 1

When notified of any of the actions listed under Category 1, the adult in charge will ascertain the relevant facts and, with concurrence from the U of I Extension staff, will notify the affected participant of the action and any supporting evidence. The participant will be allowed an opportunity to answer the allegations and, if necessary, law enforcement officials will be notified. While facts are being verified, the participant will be removed from the 4-H activity/event and be under direct supervision of his/her parent or guardian. The parent or guardian will be notified of the behavior and must make arrangements for removal of the participant from the activity, at the parent's or guardian's expense. Documentation must be completed on an "Incident Report Form"

### Category 2

When notified of any of the actions listed under Category 2, the adult in charge will ascertain the relevant facts and, with concurrence from the U of I Extension staff, will notify the participant of the action and any supporting evidence. The participant will be allowed an opportunity to answer the allegations and, if necessary, law enforcement officials will be notified. While facts are being verified, the participant will be removed from the 4-H activity/event and be under direct supervision of an adult chaperone. The parent or guardian of the participants who violate curfew, use vehicles without authorization, or leave the site of the event (as outlined in Category 2, letters a, b, c ) will be notified of the actions by the participant. The parent or guardian must immediately remove the participant from the activity, at the parent's or guardian's expense. Participants who exhibit conduct as described in Category 2, letter d-i, will receive a verbal and written warning (initialed by the adult and participant). Upon receiving a second warning, the parent or guardian will be notified of the behavior and must make arrangements for removal of the participant from the activity, at the parent's or guardian's expense.

## University of Illinois 4-H Code of Conduct *continued*

- Treat all people fairly and animals humanely.
- Respect the property of others.
- Respect the authority of adult or youth volunteers, paid Extension staff, and others in leadership roles.
- Use appropriate language and wear acceptable clothing at 4-H activities and events.
- Show kindness to others and give assistance when needed.
- Be honest and honor commitments.
- Strive for personal best and keep trying to improve.
- Accept responsibility for personal choices.
- No drugs/alcohol or use of drugs/alcohol will be allowed.
- All lights out at midnight.
- No excessive noise – so those who want to sleep may do so.
- Any person in violation of the guidelines will have their parents notified immediately and the matter will be addressed according to the 4-H Management Handbook.

## McDonough County 4-H Policies and General Rules

- 4-H membership is open to all boys and girls regardless of race, color, religion, gender, national origin, ancestry, marital status, familial status, sexual orientation, or disability. 4-H'ers must be at least 8 years old on September 1, 2019 and have not attained their 19<sup>th</sup> birthday as of September 1, 2019. The 4-H year is from September 1 - August 31. All 4-H project work must be the work of the individual 4-H member and no one else. **All projects must be products of the current 4-H year.** Please read the fair book carefully. All judges' decisions are based on the requirements set forth in the fair book and all judges' decisions are final. State 4-H projects will qualify for an X factor rating/premium. State approved projects, identified with an asterisk \*, and Foundation Foods projects, are not available to exhibit at the Illinois State Fair. To be eligible to exhibit at the county 4-H fair, youth with livestock project must enroll in these projects by January 1 of the current year. The project enrollment deadline for youth planning to exhibit other 4-H projects is March 1st of the current year.
- 4-H members can make only **one entry per class**, unless otherwise noted under that department. 4-H members will only receive **one premium per class**.
- During the McDonough County 4-H Fair, 4-H members can also enter in the McDonough County Junior Show; sponsored by McDonough County Buildings and Grounds Corporation. In the Livestock area, exhibitors may use the same animals for the 4-H Exhibit and Junior Show. General Show projects must have a separate project for Junior Show and 4-H. Information is provided in the McDonough County Junior show premium book.
- No Equipment will be provided for any exhibits. This includes computers, projectors, etc. Exhibitors must furnish any equipment they feel is necessary to properly critique their exhibit. Exhibitors should be aware that electrical outlets are not always located near judging locations and should take that into consideration when bringing exhibits.
- The University of Illinois Extension and the 4-H Program do not assume liability for loss, theft, or damage to any exhibit.
- Ribbons will be awarded to all entries judged. Entries will be judged by the merit or group system. Exhibits in each class will be rated and placed in one of three groups. Blue, Red, and White.
- Any member not following general project guidelines as printed in premium book will not be eligible for a "Blue" rating. Premiums will be designated by the factoring system based on the number of awards given and total money available from state funds. This will not be determined until after all classes have been exhibited and money from the state legislation has been determined.
- There must be at least 5 members enrolled in a project before a trophy is given for that project. The winner of the trophy must have received a "Blue" rating. Trophies are only awarded to McDonough County 4-H Fair members.

## **McDonough County Junior Show**

This is an exhibit opportunity for all youth living or attending school in McDonough County will be printing their own book and entry information for their fair. A Junior Show book will be available for each 4-H family. If you do not receive any Junior Show information, please contact KSL Accounting, PO Box 812, Macomb, (309) 333-1048. All overnight policies and information will be included in the Junior Show book. This show runs the same week as McDonough County 4-H Fair.

## **4-H Club Work Schedule for Fair Week**

**Grounds Duties:** Clubs will be responsible for dumping trash barrels (barns, horse arena, shelter house) into the roll-off in the parking lot behind the rabbit/poultry building. Also, pick up trash on grounds, around barrels and in all barns and under bleachers.

**Auditorium Duties:** Clubs will remove/replace trash bags in trashcans in auditorium and bathrooms. Take filled bags to the roll-off in the parking lot behind the rabbit/poultry barn. Pick up trash on floor and tables. Check the TP and soap dispensers in bathrooms. Replace as needed.

***Please complete your club's duties for the grounds  
and auditorium clean up during your time period.***

## **Heather Roberts Humanitarian Award**

To honor the memory of Heather L. Roberts (1988-2005), the HEATHER L. ROBERTS HUMANITARIAN AWARD was established to recognize an active, McDonough County 4-H member that most effectively exhibits, and communicates the humanitarian spirit that was Heather's life.

The recipient of the HEATHER L. ROBERTS HUMANITARIAN AWARD will receive recognition at the McDonough County 4-H Fair on Wednesday, July 11th, during the awards program. The recipient will also receive a personal trophy as well as their name added to a commemorative plaque.

### **Selection Process:**

Nominations will be accepted from a leader, in writing.

A leader needs to identify in writing why the nominee is deserving of the award.

Leaders may identify more than one member from a club.

Leaders are required to submit nominations by **Monday, June 22, 2020.**

A volunteer committee will review the submitted names and supporting statements.

The committee will observe the nominees in the fair environment.

The committee will make their selection and the recipient will be recognized during the awards program during the fair.

### **Qualifications:**

Nominated members must have completed and maintained an "active" status in McDonough County 4-H for no less than three years.

Nominee is a person of character. He/She exemplifies the CHARACTER COUNTS!<sup>sm</sup> 6 pillars of Character: Trustworthiness, Respectful, Responsible, Fairness, Caring, Citizenship.

Nominee is a well-rounded individual who is looking for the good of all without expecting recognition or praise.



## Clean Pen and Stall Contest

It is important for 4-H livestock exhibitors to care for their livestock at the fair. We try to have livestock members exhibitors stall with the club members because the McDonough County Federation offers a "Clean Pen and Stall Contest". Here are some helpful tips for winning this award.

- Help one another with livestock responsibilities.
- Keep the alley ways clear and clean.
- Be friendly to community members visiting the fair.
- Keep livestock clean.
- Remove manure from pens.
- Keep pens looking friendly and clean.
- Have club signs displayed.
- Have fun!

## Livestock Rules and Livestock Check In Procedures

- All livestock projects should be cared for and owned by the 4-H'er from the required ownership date until time of exhibition.
- All livestock will shown virtually via the Fair Entry website.
  - **Youth for the Quality Care of Animals (YQCA)** yearly certification is required of all livestock project members (aside from cats, dogs, horses, poultry, and rabbits). For all other animals, QAEC will still be required.
- All animals must be exhibited by the owner or another 4-H member.
- All purebred animals must be registered in the exhibitor's name only. (Except Horse Leases)
- An exhibitor may receive assistance in grooming from parents, leaders, family and friends, but no professional grooming service is permitted.
- In each of the livestock divisions, clubs will place their exhibits together or adjoining one another and to make local club exhibits.
- Cattle tie-outs will be furnished by Building & Grounds. Tie out bedding must be furnished by exhibitor.
- Manure is to be placed in spreaders or designated areas.
- In regard to any questions concerning the interpretation of the rules and regulations, the Superintendent will make the final decision.



## Illinois 2020 Exhibition Livestock Health Requirements

Exhibitors are required to familiarize themselves with all rules applicable to their exhibits. All out-of-state animals shall require an entry permit. Entry permit numbers are available by calling the Illinois Department of Agriculture, Monday through Friday from 8:00 AM to 4:30 PM, at 217/782-4944. Permits may also be obtained online at: <http://www.agr.state.il.us/AnimalHW/animalregistry/login.php> All animals, except as noted, shall be accompanied by a **Certificate of Veterinary Inspection (CVI)** which shows that the animal meets all health requirements for the State of Illinois. CVI's shall be made available to Bureau of Animal Health Personnel on request. CVI means a legible record made on an official form from the state of origin which has been issued, signed and dated by an accredited veterinarian and which shows the name and address of the animal's owner or exhibitor and the results of all required tests or vaccinations. A CVI shall list only one animal identification per line; shall be presented on the form on which it was initially issued; and shall not be corrected, changed or altered in any manner. All animals shall be officially identified. The animal(s) official identification shall be recorded on the CVI.

If animals are from tuberculosis accredited, brucellosis certified, pseudorabies qualified, or brucellosis validated herds, the identifying herd number(s) along with the date of the last herd test(s) shall appear on the CVI. CVI for out-of-state livestock shall be void thirty (30) days after issuance. CVI for Illinois-origin livestock shall be void ninety (90) days after issuance. All livestock shall be subject to examination upon entry to any Illinois fair or exhibition. Any animal showing evidence of infectious, contagious or communicable diseases shall be immediately withdrawn and held in quarantine at the owner's risk and expense until properly treated and recovered, or until the animal is released to return to the owner's premise. Any livestock infected with scabies, mange, active lesions of ringworm, soremouth, or multiple warts which are easily visible without close examination shall not be permitted to exhibit and are subject to quarantine or removal from the fairgrounds.

Sheep and goats with caseous lymphadenitis as evidenced by draining abscesses shall not be exhibited and are subject to immediate quarantine or removal from the fairgrounds. Illinois Department of Agriculture personnel or designee may collect blood, tissue, milk or urine samples from any animal being exhibited and/or raced at any Illinois fair to test for the presence of illegal drugs or banned substances. New examination techniques, such as ultrasound, may also be used at anytime while the animals are on the grounds of any Illinois fair or exhibit.

The Illinois Department of Agriculture or designee may collect urine, blood, tissue or other test samples from exhibition animals at the time of slaughter. All exhibitors of animals at any Illinois fair or exhibition shall comply with the provisions of the Illinois Humane Care for Animals Act. If violations are observed, the animal(s) will be excused from exhibition and ordered removed from the grounds with all awards being forfeited. Any practice or deviation from normal, accepted care, including physical, medical or mechanical application, shall constitute a violation of show rules and may result in the animal(s) disqualification and removal from the fairgrounds. Any Illinois cattle, bison, cervidae or goats being exhibited in non-accredited free states must be isolated from the remainder of the herd/flock upon return to Illinois and retested for tuberculosis 60-120 days post-entry.

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

## 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.

## Livestock Requirements

All 4-H members must follow the health guidelines of the Illinois Department of Agriculture Bureau of Animal Health and Welfare when exhibiting any livestock at county and state fairs in Illinois. Those guidelines are updated annually. The 2020 guidelines will be found online @ <https://4h.extension.illinois.edu/programs/animal-sciences/livestock-issues>

## **Calendar of Dates, Deadlines and Fair Information**

MONDAY, JUNE 1 Horse Exhibitors *Ownership/Lease papers, pictures & permission to participate due in office. ISF Junior Horse entries need to be signed by 4-H Extension Staff by Wednesday, May 27.*

WEDNESDAY, MAY 1 YQCA & QAEC Requirements Completed to exhibit livestock at the fair.

MONDAY, JUNE 1 Dog Exhibitors *Ownership/Lease papers, pictures & permission to participate due in office.*

THURSDAY, JUNE 25 4-H FAIR ENTRIES DUE ONLINE! *PARTICIPATION RISK form due. Look for general show project tags in mail the week following. Animal projects will not receive project tags.*

FRIDAY, JUNE 26 DOG SHOW to be held virtually

State Fair Junior Livestock Entries are submitted on your own, *July 1st*. Please have entries signed by office no later than June 30<sup>th</sup>. Please check the State Fair website for due dates:

<https://www2.illinois.gov/statefair>

JULY 6-10 4-H FAIR

### **FAIR WEEK**

*\*All projects will be shown and judged virtually*

#### **MONDAY, JULY 6 – July 10**

**4-H GENERAL SHOW**

**RABBIT SHOW**

**SHEEP SHOW**

**GOAT SHOW**

**SWINE SHOW**

**POULTRY SHOW**

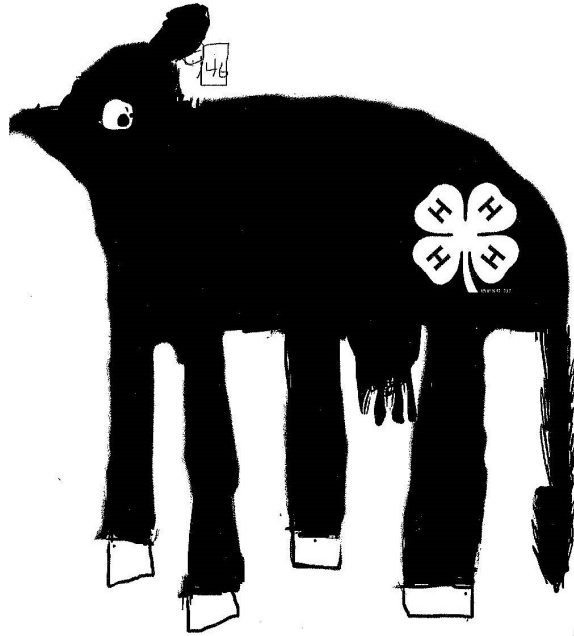
**BEEF SHOW**

**HORSE SHOW**

**• All individuals who are exhibiting General Projects at the Illinois State Fair need to confirm to the office by Monday, July 20**



MAKING THE BEST BETTER



McDonough County 4-H Fair Book

*Art By:*  
**Lincoln Johnson**  
**Blandinsville Blue Ribbons**  
**3 Year Member**





## 4-H BEEF SHOW

### Held Virtually

**PREMIUMS OFFERED "BLUE" - 4.0X "RED" - 3.0X  
"WHITE" - 2.0X**

**SUPERINTENDENT: Cory Rigg** Committee Members: Janet Rigg; Scott Schwerer; Mike Cox; Mike Dorethy

**ILLINOIS CATTLE** - All cattle, **except** steers and calves less than 6 months of age, are to be accompanied by a CVI issued within 90 days prior to exhibition. Identification - Individual identification of each animal shall be either a fully healed and legible tattoo, official metal ear tag, registration number (can only be used if the tattoo is recorded the registration certificate or for breeds where pictures are acceptable), or individual brands, if brand is recorded on the registration certificate. Tuberculosis - Illinois is an Accredited Tuberculosis-Free State. Tuberculin test is not required for Illinois cattle. Permits are required for cattle entering Illinois from non-TB free states or areas. Any Illinois cattle being exhibited in non-accredited TB free states must be isolated from the remainder of the herd upon return to Illinois and retested for tuberculosis 60-120 days post-entry. Brucellosis - Illinois is a Bovine Brucellosis Class-Free State. Brucellosis testing is not required for Illinois cattle. **General Requirements on page 5.**

4-H members are limited to a maximum of 7 head with a maximum 3 steers. i.e. (3 steers/4 heifers; 2 steers/5 heifers; 1 steer/6 heifers; or 7 heifers). Can only exhibit 7 and collect a total of 8 monies. Only one premium per class will be paid. \*The cow/calf is considered same as one heifer.\*A legible and fully healed tattoo will be used to identify **all** beef animals. Failure to comply with this rule is automatic disqualification. Steers will be identified by the Block A tattoo from the McDonough County official weigh-in. Animals without registration papers will be placed in the commercial class. All registration papers on purebred heifers must be in the name of the exhibitor only.

## Beef classes offered 10101-10122

### **Heifer Classes**

- **Heifer Calf** (calf born after Jan 1, 2020) Registered and/or Commercial or Crossbred
- **Purebred Registered Heifer** (All heifers born in 2019). In order for a breed to have its own class, five head must be shown. All other purebred numbers will be grouped as AOB if not qualified to have own "class". Heifers must be owned by June 1 and recorded in breed association. Date of sale must be on registration papers. If you show more than 2 heifers in one class, only 1 monies will be paid. Classes will be divided according to age of heifer and breed.
- **Commercial or Crossbred Heifers** (All heifers born in 2019)  
Heifers must be owned by June 1. If you show more than 2 heifers in one class, only 1 premium will be paid. Classes will be divided according to age.

- **Senior Yearling Heifer** (heifer born between Sept. 1 and Dec. 31, 2018)
- **Cow & Calf** Cow and calf must be halter broke. Exhibitor must be the owner of the cow at the time of conception of the calf. Cow must be born prior to September 1, 2019 and calf born in 2020.

### ***Steer Classes***

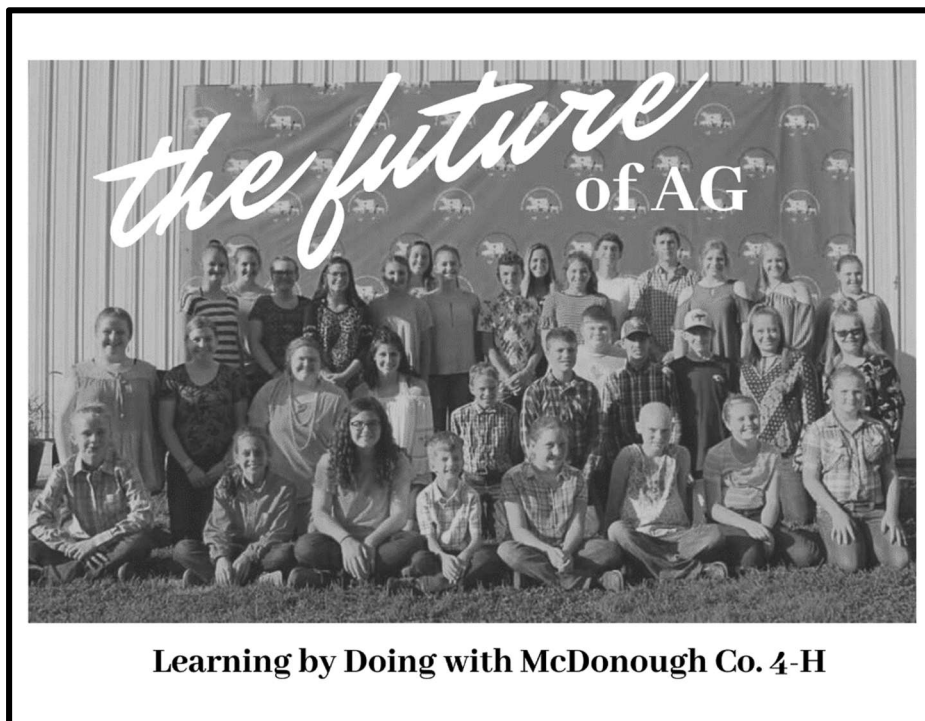
- **Steers - All Breeds (All steers born in 2019)**

Steers will be divided into weight classes after weighing on Monday from 5:00 pm to 8:00 pm. Steers must be owned by 4-H member by February 1, 2020. 4-H member is limited to 3 steers. No steer can be shown, regardless of birth date that does not have all of its milk teeth in place and no permanent teeth showing, or evidence thereof. The committee for the mouthing of steers will consist of the show veterinarian and beef superintendent. Steers must weigh minimum of 800 pounds to receive a "BLUE" rating. All 4-H steers must have a Block A tattoo and have been weighed by U of I Extension Staff or designated person.

### **Beef Maker** (50400)

#### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.





## **4-H GOAT SHOW HELD VIRTUALLY**

**PREMIUMS OFFERED "BLUE" - 4.0X "RED" - 3.0X "WHITE" - 2.0X**

**SUPERINTENDENT: Daniel McKee**

ILLINOIS GOATS - *Certificate of Veterinary Inspection will be required for goats. Identification*

*Individual identification of each animal shall be by ear tattoo or official metal or plastic tag. A*

*microchip ID is acceptable if the owner provides the reader. Tattoos may be used when a*

*registration certificate, listing the tattoo number, accompanies the animal. When using ear tags, the tag must*

*indicate the premises ID and state of origin. The tag number must be assigned by a state or APHIS representative*

*and recorded in the Scrapie record Database. Ears should be used for tattooing when possible. IF there is no space*

*in the ear, the flank or tail fold may be used. Goats originating from a herd that has previously been classified as*

*either an infected or source herd can be exhibited in Illinois upon the completion of an approved herd plan. For*

*any animal born after 1/1/2002, the CVI must include the flock of birth and the flock or origin, if different. **General***

**Livestock Requirements on page 5. Pygmy Goats can be exhibited in meat classes.**

Dairy Goat Kids and Yearlings Not In Milk must be owned by June 1, 2020 and Milking Does must be

owned by January 1, 2020. All Meat Goats (wethers and all breeding animals) are to be owned by May

15, 2020. 4-H member may show one (1) entries per class and a maximum of six (6) monies paid. If you

show more than 1 in a class, only 1 premium will be paid.

### **Goat Classes 10450-10462**

#### **Meat Goat Doe Classes:**

- Under 6 months of age
- 6 to under 12 months of age
- 12 to under 18 months of age
- 18 to under 24 months of age
- 24 months and over

**Meat Buck Class** – Buck under 6 months.

**Single Meat Goat Wether Classes** – Light, Middle, and Heavy Weight Classes – Ages 3 to 12 months. (Classes determined after check-in)

#### **Dairy Goat Classes:**

- Kids under 5 months of age
- 5 months to under 12 months of age
- (Dry) Yearling – 12 months to 24 months of age, *NOT* in milk
- (Milking) Yearling – 12 months to under 3 years
- Milking Does – 3 years of age and older

**Dairy Buck Class:** - Buck 6 months or younger.

**Dam & Daughter Class:** - (Dairy or Meat) Doe must be under 12 months of age and have been exhibited in prior class.

**Goat Maker** (50400)

**State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.



## 4-H HORSE SHOW

### Held Virtually

#### PREMIUMS OFFERED

"BLUE" - 3.0X "RED" - 2.0X "WHITE" - 1.0X

**SUPERINTENDENT: Kelly Webster**

**Committee Members:** Melissa Watkins, Kerry Davis, Jackie

Sullivan

*All horses and other equidae, twelve (12) months of age and older attending an advertised equine event, shall be accompanied by a negative test for equine infectious anemia (EIA) conducted within the last twelve (12) months. A copy of this test shall accompany the animal. AGID (Coggins) or ELISA tests are accepted. An advertised equine event means a show, rodeo, sale, auction, exhibition, trail ride, or horse fair that is posted or media promoted. A CVI is not required for Illinois equine. **General livestock requirements on page 5.***

Member may show a **maximum of 5 animals** - only **one** entry in a class. **Maximum of ten premiums will be paid.** No animal may be shown by more than one exhibitor. All exhibitors must show in at least one at hand class (10501-10507); showing in riding classes is optional. Showmanship contest will be shown at halter. Animal must be owned or leased by the 4-H'er by **June 1, 2020**. Evidence of ownership or lease could be requested (Bill of Sale, Registration Papers, or Notarized Statement.) The leased animal must only be exhibited by the lessee. Horsemanship classes will be evaluated on the ability of the rider to handle his or her mount through gaits of walk, trot, and canter. A pattern will be required. The suitability of the animal and equipment to the rider will also be judged. This show will be subject to all general county policies, eligibility rules, health regulations and general rules. There will be no riding on the grounds except during the riding classes and specified warm up period. *For safety reasons ASTM/SEI approved riding helmets are required when mounted.* **Classes may be split at judge's discretion.**

### **Horse Maker** (50400)

#### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.

### **Horse Classes Offered 10501-10519**

**Pony Halter** (10501)- **Mare or Gelding - under 56"** (including miniatures)

**Mare and Foal** (10502)- **Current Year**

**Weanling & Yearling** (10503)- **Current Year**

**2 & 3 Yr. Old Halter** (10504)- **Mare or Gelding - 56" and over**

**4 Yr. Old or Older Halter** (10505) – **Stock Type Mare & Gelding**- Includes: Quarter Horses, Paints, & Appaloosas

**Any Age & Height Halter** (10506) – **Non-Stock Type Mare or Gelding**-Includes: Arabians, Morgans, Saddlebreds & Draft, or **OTHER EQUINE**.

**Trail Class** (10507)– All Ages – Horse or Pony- In Hand Class

**Pony Pleasure** (10508)- All Ages - Under 56"

**Walk-Trot** (10509)– **Rider ages 13 yrs. and above.** (Riders age as of Day of Show) **Horse or Pony**

**Walk Trot** (10510)- **Rider ages 8-12 yrs old.** (Riders age as of Day of Show)**Horse or Pony**

**Novice Horse Pleasure** (10511)– Riders in this class may not have won more than 3 first place awards under saddle at *any* horse show.

**Advanced Horse Pleasure** (10512)- Riders in this class have won 4 or more first place awards under saddle at *any* Horse Show.



## **4-H POULTRY SHOW**

### **Held Virtually**

#### **PREMIUMS OFFERED**

**BLUE" - 3.0X "RED" - 2.0X "WHITE" - 1.0X**

#### **SUPERINTENDENT: Ann Knowles**

*Illinois Poultry Ownership dates are June 1, 2020 (or out of stock owned prior to June 1) All entries (except waterfowl, i.e. domesticated fowl that normally swim, such as ducks and geese) in a show or exhibition shall have originated from a U.S. Pullorum-Typhoid Clean or equivalent hatchery or flock; OR have a negative pullorum-typhoid test within 90 days prior to exhibition. Exhibitor shall show proper information as to name and address of owner or exhibitor, name and address of the authorized testing agent, date of the testing and the number, breed, and species of those tested. **All chickens over one year must have an annual Pullorum blood test and papers.** Exhibitor shall show proper information as to name and address of the owner or exhibitor, name and address of the authorized testing agent, date of the testing; also, the number, breed and species of those tested. Prior to being used to transport poultry to a show, all crates, boxes, containers and vehicles should be thoroughly cleaned and disinfected. Any poultry vaccinations must be performed at least 4 weeks prior to delivery to show. Upon admission to a show, all entries shall be examined by the official county fair veterinarian or qualified state personnel who shall also receive and examine all certificates necessary for admission of birds to a show. Birds not in show condition will be excused from exhibition and removed from the premises. Any fowl showing signs of illness during the fair will be removed from the exhibition grounds. All out-of-state turkey must originate from flock that are officially classified as US Mycoplasma Gallisepticum Clean in accordance with the provisions of the National Poultry Improvement Plan or be negative to a test for Mycoplasma gallisepticum within 30 days prior to entry. Exhibits to be in place in barn by 8:00 pm Monday, July 6th. Each exhibitor may show one entry per class. **General livestock requirements on pages 5.***

**POULTRY CLASSES 10601-10607** One entry per class.

**Chickens (Pair)** - Pair shall consist of two birds including one male and one female ...OR .. two females. (Heavy Breeds, i.e. Black Australorps, White Rock, Rhode Island Reds, Barred Rock, Bufforpingtons, etc.)

**Fancy Breed (Pair)**- Pair shall consist of two birds including one male and one female OR two females. (Small Breeds, i.e. Bantams, Rare and Unusual breeds)

**Market Trio Poultry**-Class to consist of three (3) offspring from the same flock with weights within 4 to 12 pounds.

**Waterfowl (Ducks and Geese) (Pair)** - Pair shall consist of two birds including one male and one female OR two females.

**Miscellaneous Poultry (Pair)** - Pair shall consist of two birds including one male and one female OR two females. This class includes turkeys, pheasants, guineas, quail, etc.

**Egg Production** - Exhibit will consist of one dozen eggs. *Eggs may be stored in the Extension Office refrigerator following check-in and will need to be removed several hours before judging.*

**Poultry Maker** (50400)

**State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.



## 4-H RABBIT SHOW

### Held Virtually

#### PREMIUMS OFFERED

**"BLUE" – 3.0X "RED" – 2.0X "WHITE" – 1.0X**

**SUPERINTENDENT: Trisha Kemble**

*Illinois Rabbits Does must be owned by June 1, 2020 of the year exhibiting. All others out of stock owned by the exhibitor prior to June 1. All rabbits should be examined at home for ringworm and mites. If there is evidence of ringworm or mites, rabbits should not be brought to the show. Market Trio, Single Fryer, and Single Baker Classes must check in Monday at 1:30 p.m. and stay for duration of the fair. All others may stay if room is available. All rabbits must be on grounds at least ½ hour prior to show, in secure carrier. Member may have only one entry per class with a limit of six monies paid.*

**Rabbit Classes Offered 10650-10671** One entry per class

#### ***California Breed***

**Senior Buck** – Older than 6 months

**Senior Doe** – Older than 6 months

**Junior Buck**- 6 months of age and under

**Junior Doe** – 6 months and under

#### ***All Lops & Lionheads***

**Senior Buck** - Older than 6 months

**Senior Doe** - Older than 6 months

**Junior Buck** - 6 months of age and under

**Junior Doe** - 6 months of age and under

#### ***Dutch, Mini Rex & Polish***

**Senior Buck** - Older than 6 months  
**Senior Doe** - Older than 6 months  
**Junior Buck** - 6 months of age and under  
**Junior Doe** - 6 months of age and under

***All Other Breeds and Crossbreds***

**Senior Buck** - Older than 6 months  
**Senior Doe** - Older than 6 months  
**Junior Buck** - 6 months of age and under  
**Junior Doe** - 6 months of age and under

***All Breeds Show Together***

**6-8 Buck** – 6 to 8 months of age  
**6-8 Doe** – 6 to 8 months of age

***Market Classes (Will be released with the livestock on Thursday after the Beef Show)***

**Meat Pen** - Class to consist of three (3) offspring from the same litter. Each rabbit must weigh between 3-5 pounds.

**Single Fryer** - Exhibit one rabbit from meat pen weighing 3-5 pounds. Not to exceed 5 pounds.

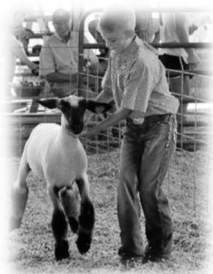
**Single Baker** - Exhibit one rabbit over 5 lbs.

**Costume Parade** – (Not premium eligible) – exhibits can showcase one of their rabbits in a costume they created (handmade or store bought) along with a short written description of their rabbit costume.

**Rabbit Maker** (50400)

**State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.



**4-H SHEEP SHOW**

**Held Virtually**

**PREMIUMS OFFERED**

**"BLUE" - 4.0X "RED" - 3.0X "WHITE" - 2.0X**

**SUPERINTENDENT: Mr. Curt Rigg**

**Assistant Superintendent: Beth Powell**

**ILLINOIS SHEEP** -Certificate Veterinary Inspection **will** be required. *Identification*

*Individual identification of each animal shall be by an ear tattoo or official metal or plastic tag. A microchip ID is acceptable if the owner provides the reader. Ear tattoos may be used when a registration certificate, listing the tattoo number, accompanies the animal. When using ear tags, the tag must indicate the premises ID and state of origin. The tag number must be assigned by a state or APHIS representative and recorded in the Scrapie record Database. For any animal born after 1/1/2002, the CVI must include the flock of birth and the flock or origin, if different. Sheep originating from a flock that has previously been classified as either an infected or source flock can be exhibited in Illinois upon the completion of an approved flock plan. All wethers must be slick shorn (show ring ready) before weigh-in so that show lamb fungus can be identified.*

**General livestock requirements on page 5.**

Breeding sheep must have been the property of the exhibitor since June 25, 2020. Wethers must have been the property of the exhibitor on or before May 15, 2020. A legible and fully healed ear tag or tattoo will be used to identify all sheep. Failure to comply with this rule is an automatic disqualification. All lambs exhibited must be docked. *All lambs must have been lambed on or after January 1, 2020.* All purebred sheep must have registration papers in 4-H member's name only to be eligible to show. Members may exhibit in both breeding and market classes; however, the same lamb cannot be exhibited in both breeding and market classes. Each 4-H member can exhibit a maximum of 6 animals (maximum of 2 wethers) and collect no more than 7 monies in the sheep division. Seventh premium will only be available to exhibitors with pair of wethers. Exhibitors who have 2 in a class, will only receive 1 premium. The participant must be a currently enrolled member of McDonough County 4-H in the sheep project area and exhibiting in a 4-H sheep class.

## **Sheep Classes Offered 10401-10425**

### ***Breeding Stock Classes***

- **Purebred Yearling Ewe** - Lambled January 1-August 31, 2019. Ewes in this class must be owned, by the 4-H exhibitor, by June 25, 2020.
- **Purebred Ewe Lamb** - Lambled on or after September 1, 2019. Ewes in this class must be owned, by the 4-H exhibitor, by June 25, 2020.
- **Purebred Ram Lamb** - Lambled on or after January 1, 2020. Rams in this class must be owned, by the 4-H exhibitor, by June 25, 2020.
- **Commercial Yearling Ewe** - Lambled January 1-August 31, 2019. Ewes in this class must be owned, by the 4-H exhibitor, by June 25, 2020.
- **Commercial Ewe Lamb** - Lambled on or after Sept. 1, 2019. Ewes in this class must be owned, by the 4-H exhibitor, by June 25, 2020. (weight classes will be determined after weigh-in)

### ***Wether Classes***

**Single Market Wethers** - Lambled on or after January 1, 2020. Wethers in this class must be owned, by the 4-H exhibitor, by May 15, 2020. Must be a wether and may be crossbred or grade. (Weight classes will be determined after weigh-in). Each 4-H member may show a maximum of two market wethers.

### **Sheep Maker** (50400)

#### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.





## 4-H SWINE SHOW

### Held Virtually

#### PREMIUMS OFFERED

"BLUE" - 4.0X "RED" - 3.0X "WHITE" - 2.0X

**SUPERINTENDENT: Victoria Engnell**

**ILLINOIS SWINE** - Accompanied by CVI issued within 90 days prior to exhibition. Swine

shall be identified by an official ear tag, tattoo or recognized breed ear notch. Ear notch identification is acceptable for barrows, crossbred gilts and breeding swine. (Note: Ear notch identification of crossbred swine does not satisfy USDA identification requirements for interstate movement or official testing.) *Brucellosis* - Brucellosis test not required for Illinois swine. *Pseudorabies* - Pseudorabies testing is not required for Illinois swine. **General livestock requirements on page 5.**

Ear notches (on both ears) must be notched and agree with those recorded on the registration and health certificates. Fresh or unhealed ear notches are not allowed. **All swine must have been the property of the exhibitor since JUNE 1, 2020.** All purebred gilts will be exhibited by breeds and month of birth and crossbreds will be weighed and exhibited in crossbred gilt classes. Each purebred animal must be registered in the exhibitor's name only. A **maximum of 6 Head of Swine** may be entered in 4-H Swine Show and collect a total of 6 monies. An exhibitor may show a maximum of **4 single Gilts**. An exhibitor may show 4 purebred gilts or 4 crossbred gilts or a combination of **which only one** can be in the same class not to exceed the 4 gilt limit or the 6 head of swine limit. Only one premium will be paid per class. An exhibitor may show a maximum of **4 single barrows** of which only 2 may be in the same class, but a premium will only be paid for one. (Example: 1 barrow from 210-230 weights and 1 barrow from 240-260 weights.) If an exhibitor shows 4 single barrows then they may only show 1 per class.

### Swine Classes Offered 10301-10325

#### ***Gilt Classes***

- **Purebred Breeding January Gilt** - Farrowed during the month of January 2020.
- **Purebred Breeding February Gilt** - Farrowed during the month of February 2020.
- **Crossbred Breeding Single Gilts** - Farrowed during January and February 2020. The number of Crossbred Breeding Single classes will be determined after all entries have been made, checked in, and weighed.

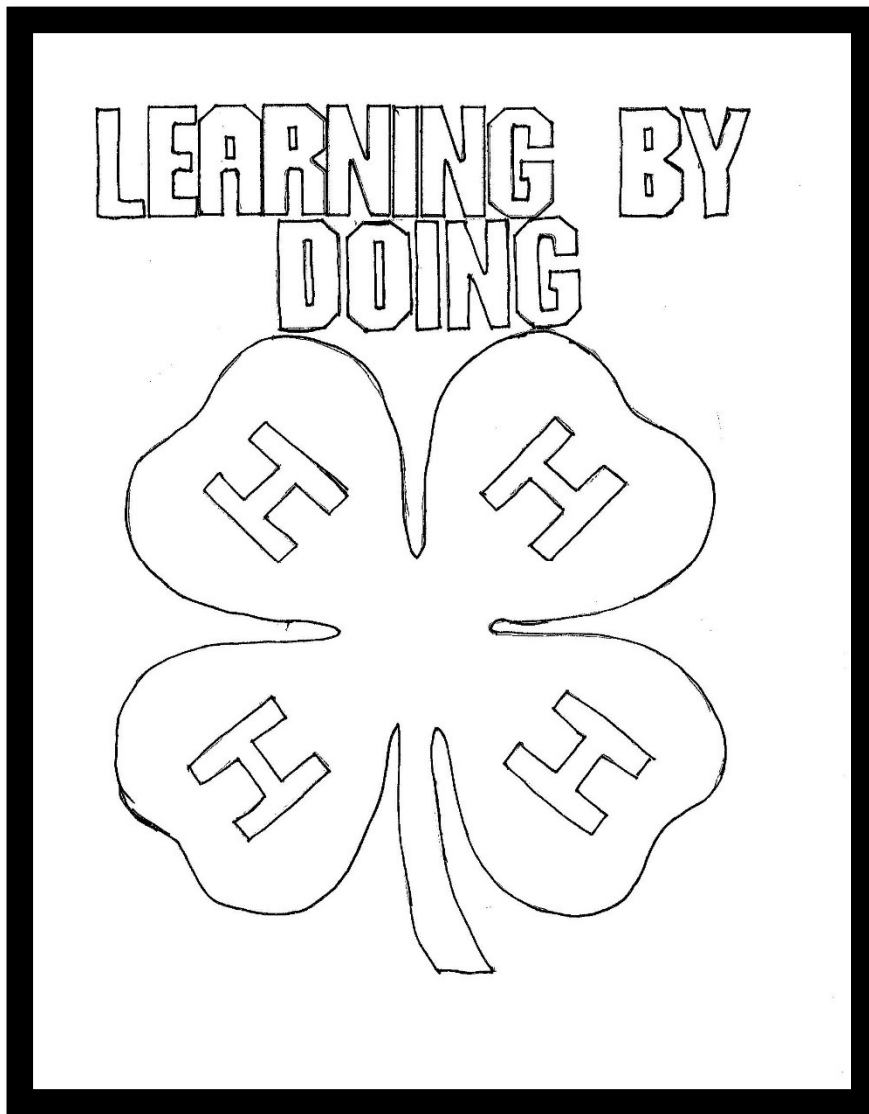
#### ***Barrow Classes***

- **Single Barrow** – *Purebred and Crossbred* -(Weight classes determined after weigh-in). 4-H member may exhibit 4 single barrows not to exceed the 6 total head limit. The number of single barrow classes will be determined after all entries have been made, checked in, and weighed. Barrowed farrowed on or after January 1, 2020.

#### **Swine Maker** (50400)

#### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.



**Art By:**  
**Megan Butler**  
**4-H Helping Hands**  
**7 Year Member**

## **4-H DOG SHOW**

**FRIDAY, JUNE 26th**

**Held Virtually**

**PREMIUMS OFFERED**

**Dog Conformation "BLUE" - 3.0X "RED" 2.0X "WHITE" - 1.0X**

**Dog Obedience "BLUE" - 3.0X "RED" 2.0X "WHITE" - 1.0X**

**SUPERINTENDENT:** Karen Chatterton

**Due to the COVID-19 pandemic and current mandates, this 4-H Exhibition is being held virtually using the following platform: Judging will happen through a closed system called FairEntry online. Public Viewing: Once completed, exhibit photos/videos and awards will be**

## posted for public viewing online.

All dogs being shown in the dog obedience project must be trained by and belong to the exhibitor or to a member of the exhibitor's immediate family; or the dog can be leased with a signed agreement by June 1, 2019. The signed lease agreement must be on file at the McDonough County Extension Office by June 1, 2020. Dog may be purebred or non-purebred; male or female. To exhibit, the owners must have a certificate from a veterinarian showing the dog has had its rabies and parvovirus vaccinations and be registered with the county.

- All dogs must be shown with a six foot leather, nylon, or canvas leash and must be under the exhibitor's control at all times. No prong or electronic collars are allowed on dogs on the fairgrounds. Collars with identification tags are not show collars and should not be used in the show rings. Harnesses or other training aids (i.e. gentle leader) are not show collars. A location will be determined for handlers, dogs and family members during the show.

Copies of exercises and points for obedience classes are available at the Extension Office. A dog that is not under the control of the exhibitor, or shows viciousness toward its handler, judge, or other dogs will be excused from further competition. \*\*Members must complete a dog obedience course before the fair to in order to participate in a Dog Obedience and Showmanship class. If you take an obedience class outside of McDonough County, please bring proof of completion the day of the show.

- **If a State Fair qualifying score of 170 was achieved previously, a dog cannot repeat the same class except in *Graduate Novice, Pre Open, Open, Graduate Open, and Utility*. Exhibitors may show for two (2) years in *Graduate Novice* providing the dog does not have a CDX or qualified for a leg on a CDX. *Open* and *Utility* exhibitors can show for three (3) years in these classes (Exception: if a dog has 3 qualifying scores for a degree 6 months prior to the 4-H Dog Obedience Show, it must be shown in the next highest class)."**
- **"Exhibitor may enter *Beginner Novice I* class only once. After exhibiting in the *Beginner Novice I* class, he or she must advance to *Beginner Novice II* or *Pre Novice*."**
- **AKC rules will be used for judging.**
- **This is a State Fair qualifying exhibition opportunity and all State Fair rules and requirements will be followed.**
- Female dogs in season cannot participate in the 4-H Dog Show and may not be present on the fairgrounds during the show.
- A run-off will be held in case of a tie for total score. All beginning level classes will use on-leash heeling exercises. All advanced classes will use novice off-leash heeling exercises.

One dog per member. Dog can exhibit in Dog Care, one Obedience Class, and Showmanship.

### **Beginner Novice I Class** - (For inexperienced handlers and inexperienced dogs)

1. Heel on Leash (forward, halt, right turn, left turn, about turn, slow, normal and fast). The last order signifies that the handler and dog must break pace. These orders will be given by utilizing posted signs
2. Figure Eight (on leash)
3. Sit for Exam (on leash)
4. Sit Stay (walk around ring)
5. Recall (off leash front/no finish)

### **Beginner Novice II Class** - (For experienced handlers and inexperienced dogs or experienced dogs and inexperienced handlers.)

1. Heel on Leash (forward, halt, right turn, left turn, about turn, slow, normal and fast). The last order signifies that the handler and dog must break pace. These orders will be given by utilizing posted signs
2. Figure Eight (on leash)

3. Sit for Exam (on leash)
4. Sit Stay (walk around ring)
5. Recall (off leash front/no finish)

### **Preferred Novice Class**

1. Heel on Leash and Figure 8
2. Stand for Examination (off leash)
3. Heel Free (off leash)
4. Recall (off leash with finish)
5. Sit or Down Stay-Walk around the Ring
6. Sit Stay-Get Your Leash (off leash)

### **Novice Class**

1. Heel on Leash and Figure 8 (on leash)
2. Stand for Examination (off leash)
3. Heel Free (off leash)
4. Recall (off leash)
5. Sit Stay – Get your leash (off leash)
6. Group Exercise – Sit & Down Stay (on leash)

### **Graduate Novice Class**

1. Heel Free and Figure 8 (off leash)
2. Drop on Recall
3. Dumbbell Recall
4. Dumbbell Recall over High Jump
5. Recall over Broad Jump
6. Stay-Get your leash (sit, Down)

### **Preferred Open Class**

1. Heel Free and Figure 8
2. Command Discrimination (Stand, Down, Sit)
3. Drop on Recall
4. Retrieve on Flat
5. Retrieve over High Jump
6. Broad Jump
7. Stay-Get your leash (Sit, Down)

### **Open Class**

1. Heel Free and Figure 8
2. Command Discrimination (Stand, Down, Sit)
3. Drop on Recall
4. Retrieve on Flat
5. Retrieve over High Jump
6. Broad Jump

7. Stay-Get your leash (Sit, Down)

### **Graduate Open Class**

1. Signal Exercise
2. Scent Discrimination
3. Go Out
4. Directed Jumping
5. Moving Stand and Examination
6. Directed Retrieve

### **Preferred Utility Class**

1. Signal Exercise
2. Scent Discrimination Article #1
3. Scent Discrimination Article #2
4. Directed Retrieve
5. Moving Stand & Examination
6. Directed Jumping

### **Utility Class**

1. Signal Exercise
2. Scent Discrimination Article #1
3. Scent Discrimination Article #2
4. Directed Retrieve
5. Moving, Stand and Examination
6. Directed Jumping

## **RALLY OBEDIENCE**

1. Dog/Handler team must receive a qualifying score of 70 out of 100 to compete at the state level.
2. The event will be timed. In event of a tie score, the fastest time will break the tie.
3. A Dog/Handler team must receive 3 qualifying scores before advancing to the next level.
4. Rally rings will be between 2000 x 3000 square feet with a minimum width of 30 feet.
5. Unless otherwise noted, handler may speak to the dog, pat their leg, or clap their hands to encourage.

### **Rally Novice**

10-15 signs are used (not including start and finish). 3-7 of the signs must be "stationary" signs. Performed on leash.

### **Rally Intermediate**

12-17 signs are used (not including start and finish). 3-7 of the signs must be "stationary" signs. At least 3 "advanced" signs. Performed on leash.

### **Rally Advanced**

12-17 signs are used (not including start and finish). 3-7 of the signs must be "stationary" signs. At least 3 "advanced" signs. Dog must jump once. Performed off leash.

### **Rally Excellent**

15-20 signs are used (not including start, finish, or call marker). Dog must jump twice. 2 or more of the signs must be "advanced" signs. 3 or more of the signs must be "excellent" signs. Must include a "Sit Stay" sign. Performed off leash. Cannot pat leg or clap hands for encouragement.

### **Dog Maker** (50400)

#### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.

# The **MAKER** Class

## FAQ Sheet

### **What is the Maker Movement?**

The Maker Movement is a technology based social movement focused on individuals creating new and useful devices in a DIY manner. The Maker Movement utilizes the power of collaboration on a global scale to create and share ideas, software and hardware that is continuously improved on by anyone willing to contribute. The software and hardware that arise from these global communities is commonly known as open source technologies. The Maker Class empowers those with the creativity and desire to create useful devices or gadgets that have implications beyond this project, and can be useful in the real world.

### **Who can exhibit in this class?**

Any youth that is enrolled in ANY 4-H project area can exhibit in the maker class.

### **Does the youth have to build a device or can they just design it?**

All exhibits must be **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogramed to perform a different function other than what it was designed to do.

### **What is Open Source, and does the project have to include open source technologies?**

Open Source technologies are software or hardware that is created and shared openly by an individual maker or group. With open source software, the source code of the program or app is freely available to download, use and modify to your needs. This is in contrast to a closed source program or app that cost money and can only be used but not modified. Open source hardware may have a fee associated with it, but the plans and specs are available for makers to modify the hardware to their needs. Projects do not necessarily need to use open source technologies, however must be accompanied by detailed build logs and a bill of materials which will make them a part of the open source universe.

### **What qualifies as a maker project?**

Exhibits must be an object or device that has an intended purpose and uses technology in either a mechanical way, digital (computer) way, or combination of the two. The device must be something that can be used in everyday life by multiple people (a target audience), and **MUST** be manufactured/built by the exhibitor (If not fully manufactured by the exhibitor, the device **MUST** be modified structurally or be reprogrammed to perform a different function other than what it was designed to do. Exhibit **MUST** be able to interact with the outside world. (e.g. an on off switch, input sensors, feedback, etc.) and **MUST** include a detailed build log and bill of materials. A 3D printed or laser cut object alone does not qualify for this class. Projects will be judged on originality, real world applications and market viability, ability to explain design process and concepts, as well as the appearance and build log/bill of materials.

### **Examples include:**

A weather station that updates a farmer on current weather conditions

A Raspberry Pi based device that keeps track of animals on a farm

A device that recognizes friends that come over for sleep overs

A new design for a mechanical blender

A light up shirt for night time bike riders

A homemade videogame arcade that uses open source software as the operating system.

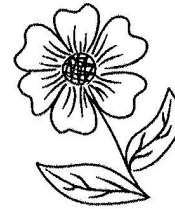
A handheld device used for identifying insects on freshly picked fruit, And so much more!!!

- 4-H Project Report.
- Video that demonstrates the function of your maker exhibit (max. 3 mins).
- Document including build log, bill of materials and 3D renderings/sketches (doc or jpeg, pdf).

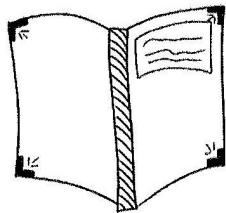
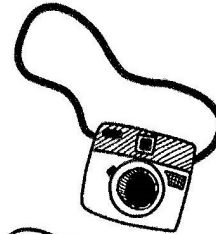
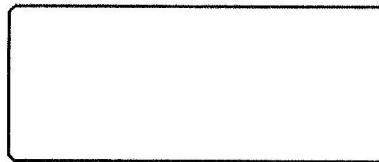
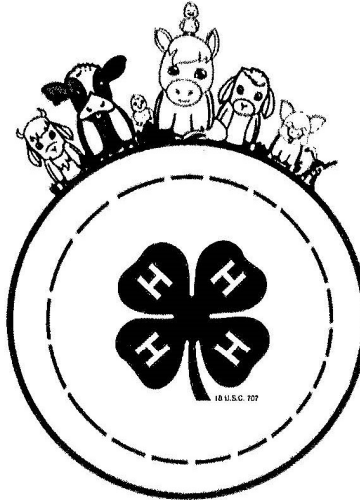
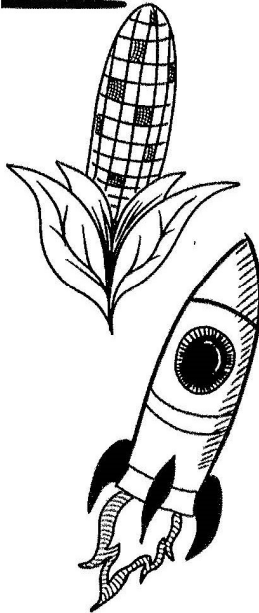
# **General Show**

# 2020 McDonough County 4H Fair Book

Head  
Heart  
Hands  
Health



Making the best better.



*Art By:*

**Samantha Johnson**  
**Blandinsville Blue Ribbons**  
**6 Year Member**

## **4-H EXHIBIT CLASSES OFFERED**

**PREMIUMS OFFERED    "BLUE"    3.0 X    "RED"    2.0 X    "WHITE"    1.0 X**

**Make sure to double check the virtual fair tip sheet**

<https://uofi.box.com/v/projectuploadreqs>



# AEROSPACE

Rockets can take no more than 3' x 3' table space. Exhibits over 4' tall may be placed on the floor. **Table displays are limited to 2' wide x 15" deep unless otherwise stated in the class listings for that project.** (Standard science display boards fit into this size limitation.) **The maximum poster size for hanging is 22" x 30"** unless otherwise stated in the class listings for that project.

## **Model Rocketry: (50130)**

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

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

- 4-H Project Report.
- 6 photos or slideshow (max 10 slides). Images to include: Front, Back, Top-down, Bottom-Up, close up of fin, close up of paint job.
- Photo or PDF of build instructions used - if applicable.

## **Aerospace Display: (50131)**

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

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

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

## **Aerospace Ready4Life Challenge (50133)**

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

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

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

## **Aerospace Maker (50400)**

**State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.

## **ANIMAL SCIENCE**

**ALL items in the display should be affixed to the display board. NO additional items should be included.** Live animals are not permitted as exhibits in this area.

### **Animal Science (50135)**

#### **(Open to members in Beef, Cats, Dairy, Dogs, Goats, Horse, Poultry, Rabbits, Sheep, and Swine)**

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

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

### **Animal Science Beef Ready4Life Challenge (50137)**

#### **(Open to 11- to 18-year-olds enrolled in any Animal Science project)**

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

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

## **BICYCLE**

### **not eligible for state fair**

#### **Bicycle 1**

Exhibitors will draw three situations from a bag that relate to activities from Level 1 and discuss/explain all three with the judge. Situations may include: Selecting bicycle safety equipment; Demonstrate how to fit a helmet; Identify bike parts and their function; Selecting the right size bike; How to check bicycle tires, brakes and chains;

Recognizing traffic signs and their meaning; General discussion of bicycling hazards; and Items to consider when planning a bike trip.

- 4-H Project Report answering questions listed.

## **Bicycle 2**

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

- 4-H Project Report answering questions listed.

## **Bicycle Ready4Life Challenge** (not eligible for state fair)

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

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

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

## **Bicycle Maker** (50400)

### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

# **CAT**

## **Cat Care** (50135)

Prepare a display focusing on any activity related to the cat project. Demonstrate the skills and knowledge you have gained through the animal project you studied. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any

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

- 4-H Project Report.
- Video following livestock rules

OR

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

### **Cat Ready4Life Challenge (50137)**

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

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

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

### **Cat Maker (50400)**

**State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.

## **CHILD DEVELOPMENT**

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

### **Child Development (50141)**

Exhibit one of the following class options

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

Prepare a display focusing on any activity related to the child development project. Demonstrate the

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

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

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

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

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

### **Child Development Ready4Life Challenge (50142)**

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

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

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

#### **Child Development Maker (50400)**

##### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.

## **CIVIC ENGAGEMENT**

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

#### **Civic Engagement 1 (50145)**

Exhibit a display illustrating one of the following options: 1) personal information about yourself – who you are, things you like to do, things you are good at, your favorites; 2) your feelings and how you handle these feelings; 3) your family, their responsibilities, how you work together; **OR** 4) the Family Pedigree that may include family group pages. **Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.**

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

#### **Civic Engagement 2 (50146)**

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

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

#### **Civic Engagement 3 (50147)**

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

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

#### **Civic Engagement Ready4Life Challenge (50149)**

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

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

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

#### **Civic Engagement Maker (50400)**

##### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

#### **Service Learning 1 (not eligible for state fair)**

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

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

#### **Service Learning 2 (not eligible for state fair)**

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

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

#### **Service Learning 3 (not eligible for state fair)**

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

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

## **CLOTHING & TEXTILES**

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

pattern was used to make the item, the pattern instructions, either written or electronic, are to be included with the exhibit. Exhibit tags should be attached to the garment, not to the hanger.

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

### **STEAM Clothing 1 – FUNdamentals (50151a, 50151b, 50151c)**

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

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

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

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

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

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

- Pillowcase
- Simple Pillow – no larger than 18” x 18”
- Bag/Purse – no zippers or button holes
- Other non-clothing item using skills learned in project manual
- 4-H Project Report.
- Three photos or slideshow (max 10 slides). Images to include: image of front, image of back, close up image of details.

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

- Simple top
- Simple pants, shorts, or skirt – no zipper or button holes



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

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

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

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

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

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

- Recycled Clothing Accessory – Create a clothing accessory made from a used item. The item must be changed in some way in the redesign process. The finished accessory must reflect at least one skill learned in the project and exhibitor should be able to identify the skill used. A before picture and a description of the redesign process must accompany the exhibit. Clothing accessory may include: hat, bag, scarf, belt, etc.
- Non-clothing item OR Clothing Accessory – Create a clothing accessory using at least one skill learned in this project. Exhibitor should be able to identify the skill used.
- 4-H Project Report.
- Three photos or slideshow (max 10 slides). Images to include: image of front, image of back, close up image of details. If recycled clothing accessory is chosen then a before picture of the garment should be included.

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

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

- Constructed garment – Any garment with facings or curves. Should use at least one skill learned in this project and exhibitor should be able to identify the skills used. Garment should be appropriate for the age and experience of the member.

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

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

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

- Clothing Portfolio – Complete at least four different samples/activities from Chapters 2, 3 AND/OR 4 of the project manual. The Portfolio should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover, dividers, and table of contents. NOTE – this can be a continuation of a Portfolio created in STEAM Clothing 1 and/or STEM Clothing 2. Additional pages can be added each year but must be dated with the year created. See project manual, pages 11-13 for portfolio formatting.
- Expanded Textile Science Scrapbook - Must include at least 10 different textile samples. Use Textile Information Cards template on page 29 in project manual to identify fabric swatches. Completed textile cards should be placed in an 8 ½ x 11, 3 ring binder. Include an appropriate cover. See Project, pages 39-52 for fabric science experiments.
- Advanced Entrepreneurial Sewing – Using knowledge gained in project manual, Chapter 5, display one sample product with a business plan that includes a business ID and logo. The Exhibit may be a notebook, poster or small display.
- 4-H Project Report.
- Five photos or slideshow (max 10 slides). Images to include: Image wearing garment - front view, image wearing garment - back view, Image of garment inside out - front, image of garment inside out - back, close up image of detail. If recycled clothing is chosen then a before picture of the garment should be included.

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

- Recycled Clothing Accessory – Create a clothing accessory made from a used item. The item must be changed in some way in the redesign process. The finished accessory must reflect at least one skill learned in the project and exhibitor should be able to identify the skill used. A before picture and a description of the redesign process must accompany the exhibit.
- Non-clothing item OR Clothing Accessory – Create a clothing accessory using at least one skill learned in this project. Exhibitor should be able to identify the skill used.
- 4-H Project Report.
- Three photos or slideshow (max 10 slides). Images to include: image of front, image of back, close up image of details. If recycled clothing accessory is chosen then a before picture of the garment should be included.

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

- Recycled Clothing – Create a garment from used textile based items. The original used item must be redesigned (not just embellished or decorated) in some way to create a new wearable piece of clothing. The finished garment must reflect at least one skill learned in this project and exhibitor should be able to identify the skill used. A before picture and a description of the redesign process must accompany the exhibit.
- Constructed garment – Any garment constructed by the member which is appropriate for the age and experience of the exhibitor. Should use at least one skill learned in this project and exhibitor should be able to identify the skills used. Possible examples are wool garment, dress or jacket with set in sleeves and zipper or buttons and button holes, suits, evening gown or sport outfit.
- 4-H Project Report.

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



*The Scotland Clever Clovers held a coat drive for WIRC*

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

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

#### **Shopping in Style (50154)**

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

- Exhibit should consist of a garment that reflects your personal style along with a poster or report that 1) explains how this garment reflects your style and how it influences what others think of you; **OR** 2) how your personal style either aligns or contradicts what is considered to be “in style” today. **OR**
  - Exhibit should include a garment you purchased along with a poster or report that explains or illustrates how this garment is either 1) a modern version of a fad or fashion from an earlier decade; **OR** 2) how this garment reflects a different ethnic or cultural influence. Exhibit should include garment you purchased along with a poster or report that provides 1) a body shape discussion and how body shape influences clothing selections; **OR** 2) a color discussion that provides an overview of how different colors complement different hair colors and skin tones and how that influenced garment selection. Poster or report may include pictures from magazines, the internet or actual photos of garments. **OR**
  - Exhibit should include garment you purchased along with a poster or report that 1) explains how this garment uses the principles of design lines to create an illusion to alter appearance; **OR** 2) explains how color and texture of fabrics can complement or enhance appearance. Poster or report may include pictures from magazines, the internet, or actual photos of garments.
- 4-H Project Report.
  - 2 photos or slideshow (max 10 slides). Images to include: image wearing garment - front, image wearing garment - back. Slide show in place of poster/report per fair book guidelines.

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

- Exhibit should include two clothing items that were previously a part of your wardrobe that still fit but you don't wear anymore and pair them with something new to make them wearable again. Also include a report that explains why the garment was not being worn and what you did to transform it into a wearable garment again. **OR**
  - Exhibit should include at least five pieces of clothing that exhibitor can mix and match to create multiple outfits. Include a poster or report that includes a clothing inventory AND describes what you have learned by completing this activity. **OR**
  - Exhibit should include garment you purchased along with a poster or report that 1) includes a wardrobe inventory which indicates why you selected the garment you did, clothing budget, and cost of garment; **OR** 2) explains how advertising influences clothing purchases making a distinction between wants and needs; and how the purchase of this garment compliments and/or extends your wardrobe. **OR**
  - Exhibit should include garment you purchased along with a poster or report that 1) describes a cost comparison of this item completed by the exhibitor when purchasing the garment; should include variety of shopping options and/or price tracking at stores over a period of time; **OR** 2) provides a quality comparison rating the specific clothing item purchased based on care, construction, cost and unique features; should include construction quality details, design features that influenced selection, cost per wearing, and garment care.
- 4-H Project Report.
  - 2 photos or slideshow (max 10 slides). Images to include: image wearing garment - front, image wearing garment - back. Slide show in place of poster/report per fair book guidelines.

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

- Exhibit should include garment you purchased along with a poster or report that summarizes care requirements not only for this garment but also for garments made of other natural and synthetic fibers; exhibit should also include a care cost analysis for garments of different fibers. **OR**
  - Exhibit should include garment you purchased which you have repaired or altered along with a poster or report that provides a clothing inventory list which includes cost savings for repaired items as compared to purchasing replacement garments.
  - Exhibit should include multiple garments you purchased along with a poster or report that provides plans and commentary for a fashion show that that would capture the attention of an audience. Fashion show plans should identify target audience, include show venue, purpose of the show, and logistical plan for the fashion show. This should also include a financial plan. Exhibitor should be prepared to demonstrate modeling skills.
- 4-H Project Report.
  - 2 photos or slideshow (max 10 slides). Images to include: image wearing garment - front, image wearing garment - back. Slide show in place of poster/report per fair book guidelines.

**Sewing & Textiles Ready4Life Challenge (50157)**

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

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

- 4-H Project Report.

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

#### **Clothing Maker (50400)**

##### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

## **COLLEGE & CAREER READINESS**

#### **Build Your Future ( 50365)**

Develop a Career portfolio which includes the items listed below. Members are encouraged to spend more than one year involved in this project so they have time to thoroughly explore the learning modules and develop a greater understanding of planning and preparing for their future and develop a comprehensive career planning portfolio. The original OR photocopies of the completed activities from the project manual should be included in the portfolio. Each year enrolled in the project should build on previous year's learning experiences.

- **First Year** – Complete a minimum of Activities 1-4 from the Build Your Future project manual which includes: Skills...Choices...Careers; Making Career Connections; Build Your Future Through Portfolios; and Education Pay\$.
  - **Second Year** – Complete a minimum of Activities 5-7 from the Build Your Future project manual which includes: Career FUNds; Turn Your 4-H Passion Into Profit; and Pounding the Pavement.
  - **Third Year** – Complete a minimum of Activities 8-9 from the Build Your Future project manual which includes: Putting the Pieces Together: Goals for the Future; and Pathways to Success.
- 4-H Project Report.
  - Photos or slideshow of career portfolio (max. 10 slides for 1st year and up to 5 additional for each year in project).

#### **College & Career Ready4Life Challenge (50366)**

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

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

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

### **College & Career Maker (50400)**

#### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

## **COMMUNICATIONS**

### **Communications 1 (50368)**

For 1<sup>st</sup> 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<sup>nd</sup> and 3<sup>rd</sup> years in project: Include everything from earlier years' work and add section showcasing at least four additional activities per year.

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

### **Communications 2 (50368)**

For 1<sup>st</sup> 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<sup>nd</sup> and 3<sup>rd</sup> years in project: Include everything from earlier years' work and add section showcasing at least four additional activities per year.

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

### **Communications 3 (50368)**

For 1<sup>st</sup> 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<sup>nd</sup> and 3<sup>rd</sup> years in project: Include everything from earlier years' work and add section showcasing at least four additional activities per year.

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

### **Creative Writing (50367)**

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

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

-4-H Project Report.

- Submit a writing sample.

### **Journalism (50369)**

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

- **Year 1:** Accomplishments of a minimum of 5, 2-star activities from Part 1, answering all of the questions

in the activities.

- **Year 2:** Results of doing a minimum of 5, 2-star activities in Part 2, answering all the questions in the activities.
- **Year 3:** Results of doing a minimum of 5, 3-star activities from Parts 1 and 2. One of the activities must include writing an advance story, a follow-up story, or a feature story.
- **Year 4:** Results of doing at least 2, 2-star activities and 3, 3-star activities from Part 3. If the activities include making an audio or videotape, State Fair will provide a way for the judge to view or listen to it.
- 4-H Project Report.
- Slideshow portfolio (max. 10 slides for 1st year and up to 5 additional for each year in project).

#### **Communications Ready4Life Challenge (50370)**

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

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

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

#### **Communications Maker (50400)**

**State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.

## **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 three entries from any category to the state contest.

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

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

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

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

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

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

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

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

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

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

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

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

## COMPUTER SCIENCE

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

**Beginning Visual Programming (not eligible for state fair)****Open to youth in Computer Science Visual Based Programming**

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

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

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



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

- 4-H Project Report.
- Code from Scratch program
- Video in which you explain your code as compared to the actions on the screen (Max. 3 min).

#### **Advance Visual Programming (50160)**

##### **Open to youth in Computer Science Visual Based Programming**

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

- 4-H Project Report.
- Code from Scratch program
- Video in which you explain your code as compared to the actions on the screen (Max. 3 min).

#### **Website Design: (50161)**

##### **Open to youth in Computer Science Visual or Text Based Programming**

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

- 4-H Project Report (include URL link to website if live).
- Code for website.
- Video in which you explain your site (Max. 3 min).

#### **Computer Open Source / Innovation CS (50162)**

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

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

- 4-H Project Report.
- Document of code.
- Video in which you explain your site/app/code, etc. (Max. 3 min).

### **Computer Science Ready4Life Challenge (50164)**

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

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

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

### **Computer Science Maker (50400)**

#### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

## **CONSUMER EDUCATION**

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

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

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

### **My Financial Future 1 Beginner (50168)**

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

- **First Year** – Complete a minimum of Activities 1-6 from the My Financial Future – Beginner project manual which includes: Who Needs This?; Let's get SMART; Bringing Home the Bacon; Managing Your Money Flow; My Money Personality; and Money Decisions.
- **Second Year and Beyond** – Complete a minimum of Activities 7-11 from the My Financial Future – Beginner project manual which includes: Banking your \$\$\$\$\$; Charging it Up; Check it Out; Better than a Piggy Bank!; and My Work; My Future.
- 4-H Project Report.
- Slideshow portfolio (max. 10 slides for 1st year and up to 5 additional for each year in project).

### **My Financial Future 2 Advanced (50169)**

Building on your previous work in My Financial Future – Beginner project, continue adding to your Financial Planning portfolio which includes the items listed below. Members are encouraged to spend more than one year involved in this project so they have time to thoroughly explore the learning modules and develop a greater

understanding of financial literacy, planning for their future, and develop a comprehensive career and financial planning portfolio. The original OR photocopies of the completed activities from the project manual should be included in the portfolio. Each year enrolled in the project should build on previous year's learning experiences.

- **First Year** – Complete a minimum of two activities from Module 1: Earning Income and Career Planning and Module 2: Organizing Your Flow.
- **Second Year** – Complete all activities not previously completed in Module 1: Earning Income and Career Planning and Module 2: Organizing Your Flow; **AND** a minimum of two the activities from Module 3: Working with Banks and Credit Unions: Bank on It and Module 4: Making Your \$ Work 4 U.
- **Third Year and beyond** – Complete all activities not previously completed in Module 3: Working with Banks and Credit Unions: Bank on It and Module 4: Making Your \$ Work 4 U; **AND** a minimum of two activities from Module 5: Credit and Consumer Breadcrumbs.
- 4-H Project Report.
- Slideshow portfolio (max. 10 slides for 1st year and up to 5 additional for each year in project).

#### **Consumer Ed Ready4Life Challenge (50167)**

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

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

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

#### **Consumer Ed Maker (50400)**

**State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.

## **CROPS**

#### **Soybeans (50170)**

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

- 4-H Project Report.
- 3 photos or slideshow (max 10 slides). Images to include: photo of five fresh plants or whole exhibit, close-up of root system or detail of exhibit, close-up of leaf or exhibit.

- Crop record book.

### **Corn (50171)**

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

- 4-H Project Book.
- 3 photos or slideshow (max 10 slides). Images to include: photo of two fresh plants or whole exhibit, close-up of root system or detail of exhibit, close-up of plant detail or exhibit.
- Crop record book.

### **Small Grains (50172)**

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

- 4-H Project Book.
- 2 photos or slideshow (max 10 slides). Images to include: photo of one gallon grain or whole exhibit, close-up of grain spread out on a cloth or line sheet, or detail of exhibit.
- Crop record book.

### **Crops Innovation Class (50173)**

#### **Open to youth enrolled in any Crops project**

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

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

### **Crops Ready4Life Challenge (50175)**

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

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

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

### **Crops Maker (50400)**

#### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.

## **ELECTRICITY**

### **Electricity 1 (50177)**

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

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

### **Electricity 2 (50178)**

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

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

### **Electricity 3 (50179)**

Exhibit a 120V lighting fixture or other appliance which uses a switch; **OR** two electrical household circuits using 120V materials to comply with National Electrical Code, one with a simple on/off switch to control bulb, and one using 3-way switches to control light from two locations; **OR** other project which demonstrates principles in the

Wired for Power book. All electricity projects must include a report, explaining how the project was constructed, and principles for its operation. Recommendations can be found on the website.

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

#### **Electricity 4** (not eligible for state fair)

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

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

#### **Electricity Ready4Life Challenge:** (50181)

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

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

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

#### **Electricity Maker** (50400)

##### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

## **ENTOMOLOGY GENERAL**

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

#### **Entomology 1** (50183)

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

- 4-H Project Report.

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

### **Entomology 2 (50184)**

Exhibit 30 or more species representing eight or more orders. Collection must be accurately labeled. Exhibitors must also include the Entomology 2 project manual, *Teaming With Insects 2*, with at least one completed activity for each year enrolled. The project manual must be included. Rules for pinning and labeling insects are available from your local Extension office.

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

### **Entomology 3 (50185)**

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

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

### **Entomology Display (50186)**

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

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

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

### **Entomology Ready4Life Challenge (50187)**

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

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

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

## Entomology Maker (50400)

### State Fair selection combined from all Maker exhibit divisions.

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

## ENTOMOLOGY BEEKEEPING

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

### Beekeeping 1 (50188)

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

- Flowers Used to Make Honey. Display pressed flowers from ten (10) different Illinois plants that bees use for making honey.
- Uses of Honey and Beeswax.
- Setting Up a Bee Hive.
- Safe Handling of Bees.
- Equipment needed by a Beekeeper.
- 4-H Project Report.
- 3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

### Beekeeping 2 (50189)

Exhibit one (1) of the following:

- Extracted Honey: Three (3) 1# jars, shown in glass, screw-top jars holding 1 # of honey each.
- Chunk honey (comb in jar): Three (3) 1# jars (wide-mouth glass jars).
- Cut-comb honey: Three (3) 1# boxes (boxes are usually 4 ½" x 4 ½").
- Section honey: three (3) sections of comb honey (in basswood boxes or Ross rounds).
- Working with Honey Bees. Present a topic from your manual to teach fairgoers about working with honey bees. Use your knowledge and creativity to display this information on a poster or in a notebook.
- 4-H Project Report.
- 3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

### Beekeeping 3 (50190)

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

1. Extracted Honey: Three (3) 1# jars (glass)
2. Chunk Honey (comb in a jar): Three (3) 1# jars (wide-mouth glass)
3. Cut-comb Honey: Three (3) 1# boxes (boxes are usually 4 ½" x 4 ½" in size)



4. Comb Honey- 3 sections (honey built by bees in frames of wood commonly called “sections” (boxes are usually 4 ½” x 4 ½” in size)
5. Section honey: three (3) sections of comb honey (in basswood boxes or Ross rounds) or
6. Prepare an educational display about honey bees or beekeeping.
  - 4-H Project Report.
  - 3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

#### **Entomology Beekeeping Ready4Life Challenge (50191)**

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

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

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

#### **Beekeeping Maker (50400)**

##### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.

## **EXPLORATORY**

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

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

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

#### **COLLECTIBLES (not eligible for state fair)**

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

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

## FAMILY HERITAGE

### **Family Heritage (50197)**

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

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

### **Family Heritage Ready4Life Challenge (50199)**

**Open to 11- to 18-year-olds enrolled in any Family Heritage project.**

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

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

### **Family Heritage Maker (50400)**

**State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.

## FOODS & NUTRITION

### **4-H Cooking 101 (50200)**

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

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

#### **4-H Cooking 201 (50201)**

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

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

#### **4-H Cooking 301 (50202)**

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

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

#### **4-H Cooking 401 (50203)**

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

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

#### **Food Science 1 (50204)**

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

- 4-H Project Report.

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

#### **Food Science 2 (50204)**

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

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

#### **Food Science 3 (50204)**

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

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

#### **Food Science 4 (50204)**

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

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

#### **Sports Nutrition (50206)**

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

##### Examples for Activity 1

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

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

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

### **Food Preservation (50208)**

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

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

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

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

#### **Examples:**

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

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

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

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

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

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

#### **Foods Innovation Class (50211)**

##### **Open to youth enrolled in any Foods project.**

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

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

#### **Foods Nutrition Ready4Life Challenge (50210)**

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

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

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

#### **Foods Maker (50400)**

##### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.



*The 4-H Goal Diggers held a food drive for BAMA*

## FORESTRY

### **Forests of Fun 1 (50212)**

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

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

### **Forests of Fun 2 (50213)**

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

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

### **Forests of Fun 3 (50214)**

Exhibit any product or display illustrating an activity from the book. The exhibit may include, but isn't limited to, original works, objects, demonstrations, digital presentations, programs, websites, games, apps, performances, or posters which you have made. Choose whatever method best shows what you've learned. You must furnish any equipment you need for your exhibit. Internet service will not be provided for the exhibit. All exhibits must

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

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

#### **Forestry Ready4Life Challenge (50216)**

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

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

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

#### **Forestry Maker (50400)**

##### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

## **GEOLOGY**

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

#### **Pebble Pups 1 (50218)**

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

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

#### **Pebble Pups 2 (50219)**

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

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



**Rock Hounds 1 (50220)**

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

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

**Rock Hounds 2 (50221)**

Display no more than 50 specimens that have been selected to illustrate a specific theme of the exhibitor's choosing. Be creative. Sample categories could include (but are not limited to): industrial minerals and their uses; a specific rock group and the variety that occurs in that group, including some minerals that occur in that environment; select fossils traced through the geologic ages; minerals and their crystal habits; rocks and minerals used in the lapidary arts.

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

**Geology Innovation Class (50222)****Open to youth enrolled in Geology.**

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

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

**Geology Ready4Life Challenge (50224)****Open to 11- to 18-year-olds enrolled in the Geology project.**

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

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

**Geology Maker (50400)****State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

# HEALTH

## **Health 1 (50226)**

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

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

## **Health 2 (50227)**

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

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

## **Health 3 (50228)**

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

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

## **Health Innovation Class (50229)**

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

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

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

## **Health Ready4Life Challenge (50231)**

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

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

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

## Health Maker (50400)

### State Fair selection combined from all Maker exhibit divisions.

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

## HORTICULTURE: FLORICULTURE

### Floriculture A (50192)

Exhibit one of the following options:

- Create a flower arrangement; either a round arrangement or a bud vase. No silk flowers are permitted; **OR**
  - Create a photo collage or a collection of pictures of flowers that you have raised. Label your flowers by name and tell if you started with a seed, cutting or transplants. Mount pictures on a poster board; **OR**
  - Exhibit in one container, 3 stems of blooms - each with attached foliage. Foliage that would go inside the container may be removed. All three blooms or stems should be the same variety, color, shape and size and must have been grown from seed, young seedling plants, bulbs or rhizomes by the exhibitor. (NOTE: Exhibitors choosing lilies should include no more than 2/3 of foliage for their exhibit.)
- 4-H Project Report
- 3 photos or slideshow (max 10 slides). Images to include: image of full arrangement, collage or container exhibit, image of leaf close up, image of stem bottom or collage close-up.

### Floriculture B (50193)

Exhibit one of the following options:

- Create an artistic display of dried flowers explaining how each was dried; **OR**
  - Create a photo collage or collection of pictures of plants from your theme garden. Label your plants by name and explain how the plants were chosen to fit the theme.
- 4-H Project Report
- 3 photos or slideshow (max 10 slides). Images to include: image of full exhibit or collage, image of close up, image of stem bottom or collage close-up.

### Floriculture C (50194)

Exhibit one of the following options:

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

found at University of Illinois Extension houseplants,  
<https://4h.extension.illinois.edu/members/projects/horticulture>

- 4-H Project Report
- 3 photos or slideshow (max 10 slides). Images to include: image of full exhibit, image of exhibit close up, image of exhibit close-up.

#### **Floriculture D (50195)**

Exhibit one of the following options:

- Create a centerpiece around a theme such as a wedding, holiday, birthday, etc. No silk flowers are permitted; **OR**
- Create an exhibit of forced bulbs in a pot.
- 4-H Project Report
- 3 photos or slideshow (max 10 slides). Images to include: image of full exhibit, image of leaf close up, image of stem bottom or close-up of forced bulb pot display.

#### **Floriculture Display (50196)**

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

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

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

#### **Floriculture Ready4Life Challenge (50198)**

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

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

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

#### **Floriculture Maker (50400)**

##### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.

# HORTICULTURE: VEGETABLE GARDENING

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

## Vegetable Display (50314)

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

1. This class is allowed a 2'6" x 2'6" space for display.
  2. Display must include 6 or more different kinds of vegetables. There may not be more than 2 different varieties of any vegetable. For example, red and white potatoes would be classified as two different varieties. Acorn squash and zucchini would be classified as two different vegetables.
  3. The number and type of vegetables used must conform to the Vegetable Plate/Basket List.
  4. Exhibitors must provide the name and variety of all vegetables used (i.e. Cabbage – Golden Acre; Cucumber, slicing – Straight Eight; Tomatoes, slicing – Rocky Top; Snap Beans – Contender, etc.).
- 4-H Project Report
  - 7 photos or slideshow (max 10 slides). Images to include: image of whole display, close up of each of the 6 required varieties with clear labeling.

## Vegetable Plate (50315)

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

1. Exhibit must include 2 single vegetable plates. (Exhibitor will furnish the disposable plates.)
  2. Number of vegetables on plates must conform to plate list below.
  3. Only one variety on each plate.
  4. An exhibitor cannot show two plates of the same type vegetable. (i.e.: Cannot exhibit red *and* white potatoes or zucchini *and* straightneck summer squash.
- 4-H Project Report
  - 4 photos or slideshow (max 10 slides). Images to include: image of first variety plate with label, close-up of first variety, image of second variety plate with label, close-up of second variety.

## VEGETABLE PLATE/DISPLAY LIST

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

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

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

**Vegetable Gardening Display (50316)**

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

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

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

**Vegetable Gardening Ready4Life Challenge (50318)**

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

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

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

**Vegetable Gardening Maker (50400)**

**State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

# INTERCULTURAL

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

## **Passport to the World, Individual (50233)**

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

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

## **Diversity & Cultural Awareness (50234)**

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

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

## **Intercultural Ready4Life Challenge (50236)**

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

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

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

## **Intercultural Maker (50400)**

**State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

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

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

participate in the actual critique and presentation are eligible for ribbons and premiums. Due to space restrictions, exhibits are limited to 2' 6" wide and 15" deep.

- 4-H Project Report (uploaded by each club member)
- Collaborative slide show of exhibit components (Max. 20 slides), attributing contributions to each individual member.

## INTERIOR DESIGN

### **Design Decisions, Beginning (50242)**

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

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

### **Design Decisions, Intermediate (50243)**

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

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

### **Design Decisions, Advanced (50244)**

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

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

### **Interior Design Innovation Class (50245)**

#### **Open to enrolled in Interior Design.**

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



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

#### **Interior Design Ready4Life Challenge (50247)**

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

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

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

#### **Interior Design Maker (50400)**

##### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

## **LEADERSHIP**

#### **Leadership 1 (50249)**

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

- **First Year** – One activity from each of the following sections: Understanding Self; Communication; and Getting Along with Others, plus one of exhibitor's choice from the manual.
  - **Second Year** – One activity from each of the following sections: Getting Along with Others; Learning to Learn; and Making Decisions, plus one of exhibitor's choice from the manual.
  - **Third Year** – One activity from each of the following sections: Making Decisions; Managing; and Working with Groups, plus one of exhibitor's choice from the manual.
- 4-H Project Report.
  - Slideshow portfolio (max. 10 slides for 1st year and up to 5 additional for each year in project).

#### **Leadership 2 (50250)**

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

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

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

### **Leadership 3 (50251)**

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

- **First Year** – One activity from each of the following sections: Understanding Self; Communication; and Getting Along with Others, plus one of exhibitor’s choice from the manual.
  - **Second Year** – One activity from each of the following sections: Getting Along with Others; Learning to Learn; and Making Decisions, plus one of exhibitor’s choice from the manual.
  - **Third Year** – One activity from each of the following sections: Making Decisions; Managing; and Working with Groups, plus one of exhibitor’s choice from the manual.
- 4-H Project Report.
  - Slideshow portfolio (max. 10 slides for 1st year and up to 5 additional for each year in project).

### **Leadership Innovation Class (50252)**

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

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

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

### **Leadership Ready4Life Challenge (50255)**

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

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

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

### **Leadership Maker (50400)**

#### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.

### **Leadership Group Exhibit (0254)**

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

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

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

- 4-H Project Report (uploaded by each group member)
- Collaborative slide show of exhibit components (Max. 20 slides), attributing contributions to each individual member.

## **NATURE: NATURAL RESOURCES AND OUTDOOR ADVENTURES**

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

### **Natural Resources 1 (50256)**

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

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

### **Natural Resources 2 (50257)**

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

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

### **Natural Resources 3 (50258)**

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

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

### **Outdoor Adventures 1-3 (50259)**

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

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

### **Natural Resources Ready4Life Challenge (50267)**

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

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

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

# NATURE: FISHING AND WILDLIFE

## **Sportsfishing 1 (50260)**

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

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

## **Sportsfishing 2 (50261)**

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

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

## **Sportsfishing 3 (50262)**

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

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

## **Wildlife 1 (50266)**

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

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

## **Wildlife 2 (50263)**

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

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

## **Wildlife 3 (50265)**

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

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

## **Fishing & Wildlife Ready4Life Challenge (50291)**

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

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

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

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

### **Natural Resources Maker (50400)**

#### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

#### **Exploring Your Environment 1 (not eligible for state fair)**

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

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

#### **Exploring Your Environment 2 (not eligible for state fair)**

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

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

## **PHOTOGRAPHY**

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

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

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

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

The exhibition size requirements for all photographs will be:

Minimum image size: 5X7

Maximum image size: 8X10

Maximum exhibit size (including frame): 18X20

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

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

### **Photography 1 (50268)**

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

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

### **Photography 2 (50269)**

Exhibit one of the options listed below:

- Exhibit one framed 8x10 close-up photograph using the skills learned on page 62-63 of the project manual titled "Bits and Pieces." No photo editing is allowed in this class except cropping and red eye removal; **OR**
- Exhibit one framed 8"x10" photo which demonstrate your understanding of a technique you learned from your Photography 2 project manual. No photo editing is allowed in this class except cropping and red eye removal. Be prepared to show the page in the manual of the technique you are demonstrating.
- 4-H Project Report.
- 3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.
- Photo release if applicable to exhibit content.

### **Photography 3 (50270)**

Exhibit one of the options listed below:

- Exhibit one framed 8" x 10" still-life photo that demonstrates good composition, including color, form, texture, lighting and depth of field. No photo editing is allowed in this class except cropping and red eye removal; **OR**
- Exhibit one framed 8"x10" photo which demonstrate your understanding of a technique you learned from your Photography 3 project manual. No photo editing is allowed in this class except cropping and red eye removal. Be prepared to show the page in the manual of the technique you are demonstrating.
- 4-H Project Report.
- 3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.
- Photo release if applicable to exhibit content.

### **Photo Editing (50271)**

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

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

- 4-H Project Report.

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

**Photography Innovation Class: (50272)**

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

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

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

**Photography Ready4Life Challenge (50274)**

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

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

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

**Photography Maker (50400)**

**State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.

## **PLANTS & SOILS**

**Plants & Soils 1** (not eligible for state fair)

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

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

**Plants & Soils 2** (not eligible for state fair)

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

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

### **Plants & Soils 3** (not eligible for state fair)

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

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

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

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

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

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

### **Plants & Soils Maker** (50400)

#### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

## **ROBOTICS**

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

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

### **Robotics 1: Beginning** (not eligible for state fair)

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

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

### **Robotics 1: Intermediate** (50285)

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



- 4-H Project Report
- Video of robot performing specific action and provide an explanation of your code (3 min max)
- Slide show with photos of Robot notebook.

### **Robotics 2 (50286)**

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

- 4-H Project Report
- Video of robot performing specific action and provide an explanation of your code (3 min max)
- Slide show with photos of Robot notebook.

### **Robotics Innovation Open Source Class (50292)**

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

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

- 4-H Project Report
- Video of robot performing specific action and provide an explanation of your code (3 min max)
- Slide show with photos of Robot notebook.

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

### **Junk Drawer Robotics 1 (not eligible for state fair)**

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

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

### **Junk Drawer Robotics 2 (50288)**

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

- 4-H Project Report
- Video of robot performing specific action and provide an explanation of device actions (3 min max)
- Slide show with photos of Robot notebook.

### **Junk Drawer Robotics 3 (50289)**

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

- 4-H Project Report
- Video of robot performing specific action and provide an explanation of device actions (3 min max)

- Slide show with photos of Robot notebook.

### **Robotics Ready4Life Challenge (50293)**

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

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

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

### **Robotics Maker (50400)**

#### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

## **SHOOTING SPORTS**

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

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

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

### **Shooting Sports: Archery (50401)**

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

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

### **Shooting Sports: Rifle (50402)**

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

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

### **Shooting Sports: Shotgun (50403)**

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

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

### **Shooting Sports: Hunting & Outdoor Skills (50404)**

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

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

### **Shooting Sports: Pistol (50405)**

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

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

### **Shooting Sports Ready4Life Challenge (50406)**

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

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

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

### **Shooting Sports Maker (50400)**

**State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.

## **SMALL ENGINES**

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

### **Small Engines 1-3 (50294)**

Exhibit a display, selecting one of the following items:

- **Ignition System:** Identify the parts of the Ignition System and explain how magnetic energy is produced through the ignition system to ignite the spark plug; **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.

- 4-H Project Report.

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

### **Small Engines Ready4Life Challenge (50297)**

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

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

- 4-H Project Report.

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

### **Small Engines Maker (50400)**

**State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.



*The 4-H Helping Hands enjoyed the great outdoors and team building*

## **SMALL PETS**

### **Small Pets (50135)**

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

copy of a digital presentation, which will remain on display during the exhibition. Electronic equipment will only be used during your personal judging time and will not remain on display during the entire exhibit period. Live animals are not permitted as exhibits in this area. For safety reasons, exhibits cannot include glass, syringes with needles or any other sharp objects.

- 4-H Project Report.
- Video following livestock rules

OR

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

#### **Guinea Pig Display (50135)**

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

- 4-H Project Report.
- Video following livestock rules

OR

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

#### **Small Pets / Guinea Pig Ready4Life Challenge (50137)**

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

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

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

#### **Small Pets Maker (50400)**

**State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

## **TECHNOLOGIES**

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

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

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

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

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

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

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

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

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

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

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

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

### **3-D Print & Design Maker (50400)**

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

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

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

- All parts and software used in the design/build MUST be listed in a detailed Bill of Materials including cost per item and total cost. Total time spent on the build must be documented in your build log.

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

#### **UNMANNED AERIAL VEHICLES/SYSTEMS (DRONES):**

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

##### **UAV Display** (not eligible for State Fair)

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

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

##### **UAV Unmanned Aerial Systems** (not eligible for State Fair)

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

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

##### **UAV Ready4Life Challenge** (not eligible for State Fair)

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

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

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

##### **UAV Maker** (50400)

###### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

# THEATRE ARTS

## Theatre Arts 1 (50299)

Exhibit one of the following items:

- Portfolio of acting activities completed during the current year (A video of performances is not considered a portfolio and will not be accepted for exhibit.); **OR**
- Display illustrating a drawing/photograph of a clown character created by the exhibitor; **OR**
- Display illustrating a picture story developed by the exhibitor.
- 4-H Project Report.
- 3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

## Theatre Arts 3 (50301)

Exhibit one of the following items:

- Portfolio of activities for set design; make-up; or sound, props, or costuming completed during the current year; **OR**
- Display that includes sound, props and costume charts appropriate for a selected scene from a story or play (limited to no more than 8 items); **OR**
- Display a scenic design model to depict a scene from a script; **OR**
- Display illustrating a character with make-up drawn or colored in. Include a photograph of a person wearing the make-up and information on the character's personality or part in the play.
- 4-H Project Report.
- 3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

## Theatre Arts Innovation Class (50302)

### Open to youth enrolled in Theatre Arts.

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

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

## Theatre Arts Ready4Life Challenge (50304)

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

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

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



## **Theatre Arts Maker (50400)**

### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.

# **TRACTOR**

## **Tractor A (50306)**

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

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

## **Tractor B (50307)**

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

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

## **Tractor C (50308)**

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

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

## **Tractor D (50309)**

Exhibit a display or poster that illustrates one of the following topics: method of winterizing a tractor, chemical uses and required safety equipment, parts and process of internal combustion engine, procedure for cleaning and flushing tractor radiator, or another activity.

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

## **Tractor Innovation Class (50310)**

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

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

### **Tractor Ready4Life Challenge (50312)**

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

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

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

### **Tractor Maker (50400)**

#### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

## **VETERINARY SCIENCE**

### **Veterinary Science (50320)**

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.

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

### **Veterinary Science Ready4Life Challenge (50322)**

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

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

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

### **Vet Science Maker (50400)**

#### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

# VIDEO/FILMMAKING

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

## **Requirements that apply to ALL video classes:**

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

## **Commercial or Promotional Video (50324)**

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

- 4-H Project Book
- Video that follows guidelines

## **Animated Video (50325)**

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

- 4-H Project Book
- Video that follows guidelines

## **Documentary (50326)**

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

- 4-H Project Book
- Video that follows guidelines

## **Short Story or Short Narrative (50327)**

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

- 4-H Project Book
- Video that follows guidelines

## **Video/Filmmaking Innovation Class (50328)**

### **Open to youth enrolled in Video/Filmmaking**

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

- 4-H Project Report.

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

#### **Video/Film Ready4Life Challenge (50330)**

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

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

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

#### **Video Maker (50400)**

##### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.



*The Blandinsville Blue Ribbons created Birthday in a Bag for WIRC*

## **VISUAL ARTS**

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

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

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

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

### **Visual Arts Food Decorating Beginning (50332)**

#### **Exhibit one of the following:**

- Exhibit four decorated cookies, using a minimum of four different techniques. Exhibit may use cookies OR cookie forms.
  - Exhibit four decorated cupcakes, using a minimum of four different techniques. Exhibit may use cupcakes OR cupcake forms.
  - Exhibit a single layer decorated cake, using a minimum of four different techniques. Exhibit may use cake OR cake form.
- 4-H Project Report
  - 4 photos or slideshow (max 10 slides). Images to include entire exhibit and closeups of a minimum of four Level 1 techniques.

### **Visual Arts Food Decorating Intermediate (50333)**

#### **Exhibit one of the following:**

- Exhibit four decorated cookies, using a minimum of five Level 2 techniques. Exhibit may use cookies OR cookie forms.
  - Exhibit four decorated cupcakes, using a minimum of five Level 2 techniques. Exhibit may use cupcakes OR cupcake forms.
  - Exhibit a single layer or two-layer cakes, using a minimum of five Level 2 techniques. Exhibit may use cake OR cake form.
- 4-H Project Report
  - 4 photos or slideshow (max 10 slides). Images to include entire exhibit and closeups of a minimum of five Level 2 techniques.

### **Visual Arts Food Decorating Advanced (50334)**

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

- 4-H Project Report
- 4 photos or slideshow (max 10 slides). Images to include entire exhibit and closeups of a minimum of four Level 3 techniques.

### **Visual Arts Food Decorating Master (50335)**

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

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

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

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

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

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

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

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

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

**Visual Arts Clay:** (50337)

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

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

**Visual Arts Computer-Generated Art:** (50338)

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

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

**Visual Arts Fiber:** (50339)

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

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

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

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

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

### **Visual Arts Glass/Plastic: (50340)**

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

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

### **Visual Arts Heritage Arts: (50341)**

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

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

### **Visual Arts Leather: (50321)**

Exhibit one of the following options using leather.

- Leather: Stamping: Exhibit should utilize one or more stamping techniques – exhibit examples include items such as belt; coasters; bookmark; key chain; wrist bracelet.
- Leather: Carving or Tooling: Exhibit should use simple swivel knife tooling techniques or may incorporate several swivel knife-tooling designs or patterns – exhibit examples include items such as belt; pictorial carving; key case.
- Leather: Lacing: Exhibit to include stamping and/or carving techniques incorporated with lacing techniques – exhibit examples include items such as wallets; purses; etc.
- Leather: Stitching: Exhibit may include stamping; carving and/or lacing techniques and should be a leather item or article of apparel, which incorporates hand-sewing techniques.
- 4-H Project Report.
- 3 photos or slideshow (max 10 slides). Images to include: One of whole exhibit and two close-ups of your choice that highlight a featured skill or content area.

### **Visual Arts Metal: (50342)**

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

- 4-H Project Report.

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

**Visual Arts Nature: (50343)**

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

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

**Visual Arts Paper: (50344)**

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

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

**Visual Arts Scrapbooking, Beginning: (50345)**

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

- 4-H Project Report
- 5 photos or slideshow (max 10 slides). Images to include: image of album/notebook cover, four image each showing two pages opened flat.

**Visual Arts Scrapbooking, Intermediate: (50346)**

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

- 4-H Project Report.
- Photos or slideshow portfolio (max. 10 slides for 1st year and up to 5 additional for each year in project).

**Visual Arts Scrapbooking, Advanced: (50347)**

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

- 4-H Project Report.
- Photos or slideshow portfolio (max. 10 slides for 1st year and up to 5 additional for each year in project).



**Visual Arts Three-Dimensional Design/Mixed Media: (50348)**

Art pieces in this class must be comprised of **at least three different media**. No one medium can make up more than 40% of a piece. The piece should **be either freestanding or should be prepared to be hung**. It must be observable on at least three different sides. Originality and design are important concepts. Craft and preformed or assembled projects are not acceptable.

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

**Visual Arts Wood: (50349)**

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

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

**Visual Arts Ready4Life Challenge: (50351)****Open to 11- to 18-year-olds enrolled in any Visual Arts project.**

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

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

**Visual Arts Maker (50400)****State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.

## WEATHER

**Weather and Climate Science I (50392)**

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

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

### **Weather and Climate Science 2 (50393)**

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

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

### **Weather and Climate Science 3 (50394)**

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

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

### **Weather Ready4Life Challenge (50395)**

#### **Open to 11- to 18-year-olds enrolled in any Weather and Climate project.**

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

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

### **Weather Maker (50400)**

#### **State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

## **WELDING**

### **Welding (50353)**

This exhibit class is open to members who are in the 7<sup>th</sup> grade and higher. Exhibit one Arc weldment/item demonstrating the skill level of the exhibitor. Members new to the project should consider selecting a weldment from the suggested Weldment List found on page 43 of *Arcs and Sparks* (4-H 573 – Shielded Metal Arc Welding). **This class is for industrial welding only.** (Members that wish to use welding to create objects with an artistic appeal should consider enrolling in the 4-H Visual Arts project and consider entering those types of exhibits in the Visual Arts – Metal class.) Exhibits must be portable and cannot be exhibited on a trailer.

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

**Welding Ready4Life Challenge (50355)****(Open to 11- to 18-year-olds enrolled in any Welding project)**

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

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

**Welding Maker (50400)****State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project MUST abide by the following guidelines listed on page 23.

## WOODWORKING

**Woodworking 1 (50357)**

Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable and cannot be exhibited on a trailer.

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

**Woodworking 2 (50358)**

Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable, and cannot be exhibited on a trailer.

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

**Woodworking 3 (50359)**

Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable, and cannot be exhibited on a trailer.

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

**Woodworking 4 (50360)**

Any item made of wood constructed or refinished by the member, appropriate for their age, skills and ability in this project. Pre-cut kits assembled by the member are not acceptable. Exhibits must be portable, and cannot be exhibited on a trailer.

- 4-H Project Report.

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

**Woodworking Ready4Life Challenge (50362)**

**Open to 11- to 18-year-olds enrolled in any Woodworking project**

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

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

**Woodworking Maker (50400)**

**State Fair selection combined from all Maker exhibit divisions.**

Exhibits in this category are designed to be multi-disciplinary in nature, innovative, and must not fit into any other exhibit category. To qualify for this category, your project **MUST** abide by the following guidelines listed on page 23.



***The McDonough County Federation created Holiday Cookie Bags for WIRC and Loaves and Fishes***

# MAKING THE BEST BETTER

McDonough County 4-H Clubs & Leaders

## **Active Good Hoppers**

Jean Ann Nelson  
Crystal Frackrell

## **Blandinsville Blue Ribbons**

Renee Welsh

## **Bushnell Busy B's**

Dave & Holly Brint

## **Cheerful Chesters**

Louisa Matthews  
Kim Hall

## **4-H Helping Hands**

Valerie Butler  
Lindsey Stewart  
Angie Cozadd

## **4-H Goal Diggers**

Michelle Sargeant  
Molly McGrew McKee

## **Scotland Clever Clovers**

Monica Torrance  
Holly Riggins  
Julie Bartlow

## **Town & Country Clovers**

Marilyn Olsen