

## 2020

Participants have the opportunity to create a variety of exhibits in the different divisions. This category gives 4-H'ers the opportunity to present their knowledge of their chosen interests. 4-H'ers will not only show their knowledge about conservation, wildlife, and shooting sports, but also the different laws that surround those areas.

\*Denotes State Fair Entry

### **Purple, \$3; Blue, \$2; Red, \$1.50; White, \$1**

State Fair will not allow exhibiting weapons (knives, tomahawks, etc.). If your item is selected for State Fair, you can submit a photo or video of your exhibit and the judge would do their best to judge it accordingly.

1. **SHOW WHAT YOU DID AND LEARNED** — All exhibitors are encouraged to show evidence of their personal field experiences, study, or observations that relate to their exhibit. This helps judges understand what the 4-H'er did and learned in the process that led to the exhibit.

2. **PROPER CREDIT** — Show proper credit by listing sources of plans or other supporting information used in exhibits.

3. **WHOSE EXHIBIT?** — The exhibitor's name, address and parent's or guardian's name must be on the back or bottom of all displays so that the owner can be identified even if the entry tag becomes separated from the exhibit.

4. **WILDLIFE AND WILDLIFE LAWS** — "Animal" or "wildlife" in the following instructions includes wild fish, amphibians, reptiles, birds or mammals. Follow wildlife laws. For example, wildlife laws do not allow collection of bird nests, eggs or any of their parts.

5. **PROJECT MATERIALS** — Related project booklets include Bird Behavior (EC 59381), Fishing for Adventure Project Manuals, Wildlife Conservation (4-H 125) and Wildlife Habitat Evaluation Handbook, Participants Manual (NE 4H4300).

6. **BOARD AND POSTER EXHIBITS** — These are displays that show educational information about a topic of interest. Board exhibits can hold objects such as fishing equipment or casts of animal tracts. Mount all board exhibits on a panel made of ¼-inch plywood, Masonite or similar material no larger than 24 inches high by 24 inches wide. Poster exhibits should be on regular poster sheets, no larger than standard size (22 inches by 28 inches), but half size (22 inches by 14 inches) is recommended.

Exhibitors are limited to one entry per class.

## **HARVESTING EQUIPMENT/FISHING**

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\*D343001 Fish harvesting equipment board exhibit, no larger than 24 inches by 24 inches. Display of equipment used in fish harvesting. Examples: fishing knots, hooks (all hooks displayed must have corks over ends to improve safety), lures. Label all items displayed. Include a brief explanation of purpose of each item and when or where it is used in relation to other equipment. Indicate any personal experiences you've had with the item(s).

\*D343002 Build a fishing rod. Build your own fishing rod for exhibit and for fishing use. Rod building kits with instructions are available for this purpose. A fishing rod educational exhibit may not exceed 96 inches length. Exhibit must be mounted on a board and labeled with the member's name, county and class number. Include with the exhibit the following items as a brief attachment: explanation of cost of materials/components, where materials/components were purchased, how made, and number of hours required for construction. Identify all parts. Necessary components which must be included are grip, line guides (based on manufacturers specifications), guide wraps, and hook keeper. Reel seat needs to be aligned with guides, and guides aligned accurately down rod. Guide wraps of size A to D, nylon or silk thread. Exhibit will be judged on: workmanship, labelling of parts (guides, etc.) correct information, and neatness. For fair exhibit, follow guidelines in the Fishing For Adventure Manuals.

\*D343003 Casting target. Make a casting target for exhibit and use following guidelines on the reference sheet. Target must be under 36" x 36". The bullseyes/rings must be 1 foot in diameter and can have up to 3 rings. They must be easy to store, durable, and weather resistant.

\*D343004 Wildlife harvesting equipment board exhibit, no larger than 24 inches by 24 inches. Display of equipment used in harvesting wildlife. Examples: Expended ammunition casings (no live ammunition permitted), steel traps, hide stretchers, fleshers, etc. For display of shotguns, rifles, or bows, use drawings or pictures. Label all items displayed. Include in your exhibit the following information: 1. The purpose of each item. 2. When or where it is used in relation to other equipment, and 3. Any personal experiences you've had with the item(s).

\*D343005 Inventing Wildlife/Fish Harvesting Equipment, Aid or Accessory. Use engineering principles to invent or adapt equipment that helps you harvest fish or wildlife. This could include wildlife calls, adapted fishing

pole for shallow water, a blind, decoys, etc. Share your drawing (or adapted plans), how the equipment works, how you tested it, and the results of testing your prototype and any adjustments you made.

D343006 Completed project manual or project notebook covering a specific topic learned in this project.

### **TAXIDERMY**

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\*D346001 Tanned hides or taxidermy. Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to size or mounting. Include the following information: 1. The animal's name and 2. Information about the exhibitor's personal field experiences, study or observations that relate to the exhibit.

D346002 Poster, 14 inches by 22 inches, sharing with others what you learned in this project.

### **OTHER NATURAL RESOURCES**

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**Purple, \$3; Blue, \$2; Red, \$1.50; White, \$1**

\*D361001 Design Your Own Exhibit in Natural Resources, Conservation, Geology or Ecology. This class is for educational exhibits about natural resources, conservation, wildlife, or ecology that do not fit into other categories. Entries must be appropriate for fair display and no larger than 24 inches by 24 inches. All entries must include a title and should be clear (a brief explanation or other method) about the intended purpose or message — what the exhibit is meant to show. Think about accuracy, creativity, educational value for viewers, and evidence of exhibitor's personal experiences and learning.

### **ENVIRONMENT**

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For guidelines on specific projects, refer to appropriate manuals including Eco-Wonders, Eco-Adventures and Eco-Actions.

#### **LEVEL 1**

D361002 Build Your Own Ecosystem: Follow direction and diagram on page 11 of the manual.

D361003 Food Web: Construct a Food Web (poster/display board) display illustrating a food web for the Ecosystem found in your back yard. See pages 14-16 of the manual.

D361004 Camouflaged Critter: Create a Camouflaged Creature that illustrates how animals protect themselves with camouflage. See pages 40-42 of the manual.

D361005 Weather Log: Make a Rain Gauge and Pinwheel (poster or display board) display of your weather log. Include drawing or photos of the weather. Keep log for a minimum of seven days. Days need not be consecutive. See pages 19-20 of the manual.

D361006 Compost Pile: Create a poster display that shows and describes how you made your compost pile. Include pictures and diagrams as needed. See pages 24-26 of the manual.

#### **LEVEL 2**

D361007 Keying It Out: Construct An Identification Key (poster/display board). See pages 20-22 of the manual.

D361008 Life Cycle: Explain Life Cycle of Product or Food (poster/display board). See pages 23-25 of the manual.

D361009 Plant Adaptations: Draw five plants and explain how they are suited for their particular lifestyle by their adaptations (three-ring binder; journal; poster). See pages 44-45 of the manual.

D361010 Tracking: Make and Display Common Animal Tracks (display board). See pages 52-54 of the manual.

D361011 Acid Rain: Create a poster display showing the results of your "Acid Rain's Effect on Plants" experiment. Include photos and descriptions. See pages 29-31 of the manual.

#### **LEVEL 3**

D361012 Water Quality: Construct Water Quality Testing Equipment such as Secchi disk and dip net. See pages 13-16 of the manual.

D361013 Exploring Energy Flow: Design a Pyramid of Energy (poster/display board) that includes the four levels. See pages 24-26 of the manual.

D361014 A Creature's Features: Collect five different insects and identify and describe differences in insect body parts (display board/display box). See pages 43-46 of the manual.

D361015 Population Pressures: Using Clustering Technique, establish connections between human population and other areas and aspects of life (poster/display board). See pages 20-21 of the manual.

D361016 Sense of Place: Keep a journal of observations and reflections from a special, natural spot. (writing, drawing, rubbings, etc.). See pages 40-42 of the manual.