

- C261008.* **NEBRASKA LIFE EXHIBIT** - An art exhibit using one of the techniques in the above classes to show how art can define a sense of place or life in Nebraska. For example - solar printing; making prints using shed snakeskin or plant; an acrylic, oil; watercolor painting of scenes of your community or the surrounding area; or using objects from nature to make the painting. Include the required information listed above and how this project represents Nebraska life. SF200

DEPARTMENT OF CONSERVATION & WILDLIFE

PREMIUMS: Purple-\$3.50; Blue-\$3.00; Red-\$2.50; White-\$1.50

GENERAL INFORMATION

- ◆ **Show What You Did and Learned:** All exhibitors will show evidence of their personal field experiences, research, or observations that relate to their exhibit. This helps judges understand what the 4-Her did and learned in the process that led to the exhibit.
- **Proper Credit:** Show proper credit by listing the sources of plans or other supporting information used in exhibits.

Example to attach to your exhibit

Name: Chris Clover

County: Clover County

Age: 10

Field Experience, Study, or Observations

I attended a 4-H workshop where we put out a food plot, and then made turkey calls. We played a game about turkeys. Sometimes we acted like a female to draw in a tom turkey. Then we acted like a baby turkey to call in a whole flock. I was able to use my turkey call and play the game successfully. I hope to turkey hunt someday, and want to use my box call to hunt fall turkeys.

Credits/Source:

Information was obtained from Nebraska Game & Parks website

- **Whose Exhibit?** The exhibitor's name, address, and parent's or guardian's name must be on the back or bottom of all displays.
- **Wildlife and Wildlife Laws:** "Animal" or "wildlife" in the following classes includes wild fish, amphibians, reptiles, birds, or mammals. Please make sure you are following all appropriate wildlife laws.
- **Project Materials** - Related project booklets include Exploring Your Environment Series, 4-H Shooting Sports, Amphibians, Bird Behavior (EC 59381), Fishing for Adventure Project Manuals, Wildlife Conservation (4-H 125), Geology, and Other Adventure. Other resources include: Outdoor skills: Learning Science in the Outdoors series (Science Signature Outcome Program) outdoornebraska.gov/afterschool/ and www.whep.org
- **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 tracks. Mount all board exhibits on 1/4" plywood, Masonite, or similar panel no larger than 24" high by 24" wide. Poster exhibits should be on regular poster sheets, no larger than standard size (22" x 28") but half size, 22" x 14", is recommended.

DIVISION 340 - WILDLIFE

D340001.* **MAMMAL DISPLAY** SF154 - see below

D340002.* **BIRD DISPLAY** SF154 - see below

D340003.* **FISH DISPLAY** SF155 - see below

D340004.* **REPTILE or AMPHIBIAN DISPLAY** SF156 - see below

- Wildlife and How They Live (Classes 1-4) are board or poster exhibits. Display may show any aspect of wildlife, wildlife habitat, or related conservation. Examples: life history or other facts about one type of wildlife; how to manage wildlife on a farm or in town; managing habitat for one kind of wildlife; life requirements for one kind of wildlife during one season or through the year; wildlife behavior and habitats. For more ideas, refer to project booklets.
- D340005.* **WILDLIFE CONNECTIONS** - Board or poster exhibit. The purpose of this display is to show interconnections and related aspects among animals, plants, and other habitat components. All displays should show two or more interactions (connections) that occur between/among animals or between animals and their habitat. Displays might show how animals interact with other animals, with people, or with their habitat. SF157 Examples:
 - Food Chain Display. Use pictures, drawings, or other items to illustrate the source of food energy and where it goes - who eats whom or what. Use arrows to show the direction of the energy (food) flow.
 - Show the role of predators, scavengers, insect eaters, or others in nature.
 - Show how wildlife numbers (populations) change through the year.
 - Show predation, competition, or other behavioral interactions of wildlife.
 - Choose one kind of wildlife and make observations through a season or year, keep notes of interactions, then make a display of what you saw.

- D340006.* **WILDLIFE TRACKS** - Board or diorama-type box exhibit. Make a display of animal tracks using plaster-of-paris casts. There are 3 options. For all options, include a brief description of your experiences in making the tracks so the judge better understands what you did and learned. Positive casts (impressions as they would be in nature) are preferred, but not required. SF158
1. **Option one** should show plaster-of-paris tracks of five or more kinds of wildlife along with a picture or illustration of each kind of animal. **OR**
 2. **Option two** should show two or more plaster-of-paris tracks of one specific kind of wildlife and should include a picture or illustration of the animal, what the animal may eat, and what may eat the animal. **OR**
 3. **Option three** should show two tracks and include the animal's habitat needs including preferred food, shelter, water, and space in addition to picture or illustration of the animal.
- D340007.* **WILDLIFE KNOWLEDGE CHECK** - Use electrical circuits, pictures, or other methods of teaching wildlife identification or other wildlife related knowledge. Plan size and shape to fit transportation and display; maximum size 24" x 24". SF159
- D340008.* **WILDLIFE DIORAMA** - Box must be no larger than 24" x 24". The exhibit might show a grassland, prairie, agricultural, woodland, riparian (stream or river corridor), wetland, and/or other area with wildlife habitat. Example: show a large unbroken grassland or prairie for species such as meadowlarks, greater prairie-chicken, lark bunting, grasshopper sparrows, Ferruginous hawk, burrowing owl, horned lark, upland sandpiper, or pronghorn; AND/OR show an area interspersed with several habitats such as windbreaks, farm fields, woods, waste areas, ditches, and pastures for edge-adapted species such as white-tailed deer, Northern bobwhite, mourning doves, cottontail rabbits, fox, squirrels, Northern cardinals, or blue jays. Label the habitats displayed and show at least five kinds of wildlife in their proper habitats. SF160
- D340009.* **WILDLIFE ESSAY** - Learn how to share educational information by writing. Choose a conservation or wildlife topic that interests you and write an essay about it. For example: write about particular species of wildlife that you have observed or about the values of wildlife. You might write about wildlife on a farm, in town, in a backyard, at a backyard feeder, or at other places. You might write about hunting, fishing, or ethics and proper behavior for hunting or fishing. The essay is between 100 and 1000 words long and typed, double spaced on 8 1/2" x 11" paper. You might use books, magazines, or personal interviews as resources, but you must give credit to all sources by listing them. SF161
- D340010.* **WILDLIFE VALUES SCRAPBOOK** - Make a scrapbook about the various values of wildlife following guidelines in the Wildlife Conservation project booklet (4-H 125). SF162
- D340011.* **WILDLIFE ARTS** - The purpose of this class is to allow artistic exhibits that contain educational information about conservation and wildlife. Examples might include paintings, photographs, wood carvings, painted duck decoys, or songs or poems written by the exhibitor. Entries must be appropriate for fair display and no larger than 24" x 24". For example: paintings or photographs should be displayed in notebook format or mounted on a sturdy panel. All entries must include a title and brief explanation of the purpose or message (what is the exhibit meant to show). SF163
- D340012. **OTHER** - Any other wildlife exhibit. (Be sure to include proper documentation) SF164

DIVISION 341 - OUTDOOR ADVENTURES

RULES

- Display posters must be made of material, e.g. foam board or poster board and measure no larger than 22" X 28". Poster material should be sturdy enough to hold display items.
- Display exhibits other than posters to be no larger than 18" X 24".
- Journal/Binder exhibits measure no larger than 16" X 16".
- Consider neatness and creativity.

OUTDOOR ADVENTURES – LEVEL 1

- D341011. **POSTER**- Create a poster or display no larger than 22" x 28". Topics may include one of the following, but not limited to trail map(s) you have hiked, hiking essentials, your hiking adventures, wildlife or plants observed while hiking (birds, animal prints, butterflies, etc), plan a hike, explain "Leave No Trace" and how this was followed during hiking, collection of photos from your hikes.
- D341012. **JOURNAL/BINDER** - Written report of actual, virtual, or imagined trail(s) hiked with observations, OR field journal (notes of actual experiences, sights, sounds, smells, etc.", OR camping trip diary. Feathers/leaf/flower pressings must be securely attached if included. Photos or drawings of observations encouraged.
- D341013. **HIKING SAFETY** - Must include explanations of use of item, why selected/purpose of the item and how it meets hiking needs. May include, but are not limited to, one of the following; a compact hiking safety kit, homemade compass or homemade water purifier.
- D341014. **HIKING ADVENTURE GAME** - Create a game of trails of outdoor adventures. Must be educational or one or more aspects of hiking, must include clear instructions as to the purpose and what can be learned by playing the game.
- D341015 **OTHER HIKING ITEM(S)** - Must include what inspired the creation of the item(s) and its purpose. May include, but are not limited to one of the following: hiking backpack, nature art, nature poem or story, home made hiking snack mix displayed in a re-sealable plastic bag (include why ingredients were selected and nutritional value).

OUTDOOR ADVENTURES – LEVEL 2

- D341001.* **POSTER** - Create a poster display no larger than 22" X 28". Topics may include, but not limited to one or more of the following; how to pitch a tent, knot tying, cooking over a campfire, how to start a campfire, wildlife and plants identified while camping, how to set up emergency shelter, dealing with weather, collection of photos from camping trips, "Leave No Trace" and how that was followed while camping, plan a camping trip, camping essentials, environmental issues/protecting natural resources, park or trail clean up, sanitation/hygiene while outdoors or use of GPS.
- D341002.* **JOURNAL/BINDER** - Written report of actual, virtual or actual camping/hiking trips with observations OR field journal (notes of actual experiences, sights, sounds, smells, etc.), OR camping or hiking trip diary. Explain growth in project, leading the hikes, planning the camping trip, now being able to identify the wildlife and nature around you and how identified (sight/sound/shape/smell/color). Feathers/leaf/flower pressings must be securely attached, if included. Photos of drawing of observations encouraged. Exhibits measure no larger than 16" X 16".
- D341003.* **CAMPING/HIKING SAFETY** - Must include explanation of use of item and why selected/purpose, how it fits hiking/camping needs. May include, but are not limited to, one of the following: travel sized poisonous plants guide, camping first aid kit, weather/water safety or hand hygiene kit. Exhibits measure no larger than 18" X 24".
- D341004.* **DIGITAL MEDIA** - Use digital media to show video/slideshow/presentation of setting up a tent (include why site is chosen) or protecting natural resources or environmental issues or computer video camping/hiking game. Submit a USB drive or DVD inside a report cover or notebook. If using a slideshow, include printed slides inside report cover or notebook.
- D341005.* **OTHER CAMPING ITEMS** - Must include what inspired the creation of the item, and its purpose. May include, but are not limited to one of the following; nature art, nature haiku poem, spider web sketches or knot display. Exhibits measure no larger than 18" X 24".

OUTDOOR ADVENTURES – LEVEL 3

- D341006.* **POSTER** - Create a poster display, no larger than 22" X 28". Topics may include but not limited to one of the following; Topographic map, backpacking trip plan, camp layout, plan an expedition (can be dreamed or lived), collection of photos from your expedition, trails hiked, cost comparison of rental vs purchase or using GPS/compass.
- D341007.* **JOURNAL/BINDER** - Written report of actual, virtual or imagined expeditions/camping/hiking, OR field journal (notes of actual experiences, sights, sounds, smells, etc.). Explain growth in project, challenges in leading a group, teaching others about wildlife and nature identification and "Leave No Trace." Exhibits measure no larger than 16" X 16".
- D341008.* **EXPEDITION SAFETY** - Must include an explanation of use of items, why selected/purpose of item, how it meets hiking/camping/expedition needs. May include, but are not limited to; travel sized edible plants, creepy crawly guide, tent repair kit, travel first aid kit or weather/water safety. Exhibits measure no larger than 18" X 24".
- D341009.* **DIGITAL MEDIA** - Use digital media to show video/slideshow/presentation of one of the following, but not limited to; building a non-tent shelter (include why needed), packing your backpack/equipment and getting it onto you, teaching others about environmental issues or a computer video backpacking expedition game. Submit a USB drive or DVD inside a report cover or notebook. If using a slideshow, include printed slides in side report cover or notebook.
- D341010.* **OTHER EXPEDITION ITEMS** - Must include what inspired the creation of the item, and the purpose of the item. May include, but are not limited to; nature art, nature cinquain poem, backpacking food recipes, hiking/expedition conditioning plan, charcoal etching, dehydrated meal or snack (at least 1 cup displayed in a re-sealable plastic bag with ingredients, instructions, and nutritional facts included). Exhibits measure no larger than 18" X 24".

DIVISION 342 - WILDLIFE HABITAT

- D342001.* **HOUSES** - Make a house for wildlife. Examples: bird house (bluebird, purple martin, wood duck, kestrel, barn owl, etc.) or bat house; no insect houses. Make the house functional so that dimensions, hole size, etc. are appropriate to fit the intended species' needs. SF165 Include the following information:
- 1) the kinds of animal(s) for which the house is intended,
 - 2) where and how the house should be located for best use, and
 - 3) any seasonal maintenance needed. Tips: check NebGuide on bird houses and shelves.
- D342002.* **FEEDERS/WATERS** - Make a bird bath or feeder. Examples: seed, suet, or nectar feeders. Squirrel feeder okay; no insect feeders. Indicate the kinds of animal(s) for which the feeder or waterer is intended. Make the feeder or waterer functional so that it fits wildlife needs. SF166 Include the following information:
- 1) where and how the feeder or waterer should be located for best use, and
 - 2) how it should be maintained. Tips: check NebGuide on feeding birds.
- D342003.* **WILDLIFE HABITAT DESIGN BOARD OR POSTER EXHIBIT** - Choose a backyard, acreage, or farm, and design a habitat plan to meet the food, water, shelter, and space needs of at least three kinds of animals you would like to attract. Draw an outline of the area and show what plants or other habitat will be provided. Indicate how the various parts of your plan provide the desired habitat needs. You might include an aerial photo of the area if you have one.

DIVISION 343 - HARVESTING EQUIPMENT

- D343001.* **FISH HARVESTING EQUIPMENT** - Board exhibit. Display of equipment used in fish harvesting. Examples: fishing knots, hooks (with corks over ends for safety), lures. Label all items displayed. Include in your exhibit the following information: SF168
- 1) the purpose of each item,
 - 2) when or where each item is used in relation to other equipment, and
 - 3) 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 blanks and kits with instructions are available for this purpose. A fishing rod educational exhibit may not exceed 96" in 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:
 1. Explanation of cost of materials/components
 2. where materials/components were purchased
 3. how made
 4. number of hours required for construction.
 - Identify all parts.
 1. 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, labeling of parts (guides, etc.), correct information, and neatness. SF169
- 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. SF170
- D343004.* **WILDLIFE HARVESTING EQUIPMENT BOARD EXHIBIT** - Display of equipment used in harvesting wildlife. Examples: expended ammunition casings (no live ammunition permitted), steel traps, hide stretchers, fleshers, etc. For displays of shotguns, rifles, or bows, use drawings or pictures. Label all items displayed. Include in your exhibit the following information: SF171
- 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. **TACKLE BOX**
- D343007. **POSTER ON DIFFERENT BAITS (22" x 24")**

DIVISION 346 - TAXIDERMISTRY

- D346001.* **TANNED HIDES or TAXIDERMISTRY** - Any legal fish, bird, or other wild animal properly processed by the member. No requirement as to size or mounting. Include the following information: SF172
- 1) the animal's name
 - 2) information about the exhibitor's personal field experiences, study, or observations that relate to the exhibit.

DIVISION 348 - BIRD BEHAVIOR

- D348001. **WOODEN BIRD HOUSE** - Built and constructed for a specific bird. Include card with name of bird and birdhouse requirements. SF161
- D348002. **WOODEN BIRD FEEDER or FEEDING STATION** SF161
- D348003. **SCRAPBOOK or ESSAY** - Show pictures of birds, stories of unusual birds and news of game birds in Nebraska SF161
- D348004. **OTHER BIRD EXHIBIT** (Be sure to include proper documentation) SF161

DIVISION 361 - OTHER NATURAL RESOURCES

- 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" x 24". 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. SF171