

**DEPARTMENT 16**  
**JUNIOR CLASS NATURAL SCIENCE &**  
**ENVIRONMENTAL EDUCATION**

Supt. Ralph Jannene

- A. All exhibits will be judged face-to-face, Monday of Fair, from noon to 7 p.m. with a break at 3:30 p.m. The Youth Building will be open at 11:00 a.m. Numbers will be available at 11:45 a.m. After judging is finished, the building will close. Judging will take place in the 4-H Youth Building.
- B. All exhibits must be the result of the exhibitor's project work for the year. A project or item can only be entered once at the Fair.
- C. A maximum of three (3) different entries per division per exhibitor may be exhibited, with only one exhibit per entry number.
- D. Posters should not exceed 22" x 28" inches in size. All materials should be securely mounted to the board. A hole should be punched in the upper left-hand corner for the entry tag.
- E. Collection Guidelines:
  - a. Collections must consist of items collected by the exhibitor – **NO commercially purchased materials will be allowed.**
  - b. Individual specimens within a collection cannot be displayed more than once in the collection division at the Fair.
  - c. Specimens exhibited must comply with State and Federal regulations regarding the collection of natural materials
    - i. Bird feathers and nests are **NOT** allowed to be collected or exhibited.
  - d. All collections must have a title and each individual specimen within the collection must be properly labeled with its common and/or scientific name, the month, and date item was collected and location of collection.
  - e. Beginner collections must consist of at least 10 **different** species or types of specimens.
  - f. Intermediate collections must consist of at least 15 **different** species or types of specimens.
  - g. Advanced collections must consist of at least 20 **different** species or types of specimens.
  - h. Collections will be judged on the quality of the specimens and the quality and completeness of the display.
  - i. Collections may be exhibited in a book, display box, or as a poster.
  - j. Posters and display boxes should not exceed 22" x 28" in size.
  - k. Each collection should be displayed in only one box or poster.
- F. Displays in any class may include any combination of drawings, text, photographs, models, tools, feeders, or dioramas in the subject area listed in the entry.
  - a. Example: A bird display could be a poster explaining bird behavior, habitat, migration, or parts of a bird, recordings of bird sounds, or photo journals.
  - b. To save space, the length and width of the display should be no greater than 36" x 36" in size except for the following: fishing poles, tools, or wildlife feeders
- G. Division 3 should include the actual object made or a display that illustrates how the activity was done or its final results.
- H. Exhibits in Division 4 Adventures, Division 5 Fishing, or Division 6 Shooting Sports can be posters or displays. Posters should not exceed 22" x 28" in size. Displays should comply with State and Federal regulations regarding the collection of natural materials.
- I. For Division 5, all hooks or other sharp items must be covered or protected to prevent injury.
- J. No actual guns, arrows, or live ammunition may be exhibited in Division 6.

Blue - \$2.00    Red - \$1.75    White - \$1.50    Pink - \$1.25

## Division 1 – Collections

### BEGINNERS (1 to 2 Years in Project)

Class No.	Entry
1	Insects
2	Wildflowers
3	Leaves
4	Bark or Cross Section Segments of Trees
5	Animal Tracks
6	Rocks
7	Tree Seeds
8	Any Other Collection

### INTERMEDIATE (3 to 4 Years in Project)

Class No.	Entry
9	Insects
10	Wildflowers
11	Leaves
12	Bark or Cross Section Segments of Trees
13	Animal Tracks
14	Rocks
15	Tree Seeds
16	Any Other Collection

### ADVANCED (5 Years or More in Project)

Class No.	Entry
17	Insects
18	Wildflowers
19	Leaves
20	Bark or Cross Section Segments of Trees
21	Animal Tracks
22	Rocks
23	Tree Seeds
24	Any Other Collection

## Division 2 – Displays (Any Year in Project)

Class No.	Entry
1	Birds
2	Insects
3	Wildlife
4	Forest and Trees
5	Plants
6	Invasive Species
7	Endangered Species
8	Soils or Soil Conservation
9	Air or Water Pollution
10	Recycling, Reducing, or Reusing Materials or Products
11	Food Chains or Food Webs
12	Weather or Climate Change
13	Geology
14	Composting
15	Practices or Things that are Harmful to the Environment
16	Environmental Ethics
17	Energy Conservation or Renewable Energy Sources
18	Any Other Environmental Display not Listed Above

### Division 3 – Activities (Any Year in Project)

Class No.	Entry
1	Wildflower Garden or Wildlife Landscaping Planted or Cared for by Exhibitor
2	Weather Observation and Measurement
3	Wildlife Feeders or Houses built by Exhibitor with an Explanation of how it is to be used and what it will attract
4	Natural Sciences Project Journal
5	Equipment used in Natural Science Project with a Written Explanation of how the Equipment is Used
6	Craft Item made entirely from Materials found in your Naturespace
7	Energy Conservation or Renewable Energy Source
8	Any other Activity not Listed Above

### Division 4 – Adventures

Class No.	Entry
1	Canoeing / Kayaking
2	Camping
3	Winter Sports
4	Outdoor Safety
5	Outdoor Survival Skills
6	Outdoor Cooking
7	Backpacking
8	Hiking
9	Orienteering
10	Bicycling
11	Rock Climbing
12	First Aid Kit for Outdoor Activities
13	Any other Adventures Exhibit not Listed Above

### Division 5 – Fishing

Class No.	Entry
1	Display of Fishing Equipment with an Explanation of Main Uses
2	Display of Native Wisconsin Game Fish, include explanation of Habitat and Methods to Catch the Fish
3	Display of any 4 Handmade Lures, Jigs, Flies, or Spinners
4	Journal of Fishing Activities including Type of Fish Caught, Habitat, and Methods Used to Catch the Fish
5	Exhibit of Homemade Fishing Gear or Equipment
6	Display Related to Ice Fishing
7	Display Related to Open Water Fishing
8	Display of Various Fish Hooks, Lines, and Leaders with an Explanation of Major Uses
9	Exhibit on Fishing Safety
10	Exhibit on Fishing Laws or Conservation
11	Exhibit on Bait
12	Any other Display or Exhibit related to Fishing not Listed Above

**Division 6 – Shooting Sports**

**NO actual guns, arrows, or live ammunition will be allowed for judging.**  
 Posters or videos only. Please bring your own device to show your media.

<b>Class No.</b>	<b>Entry</b>
1	Proper Handling and / or Transport of a Gun or Bow
2	Parts of a Gun explaining each Part and its Purpose
3	Types of Arrows and / or Bows explaining differences and why each Type would be Selected for Use
4	Proper Shooting Techniques for Archery
5	Proper Shooting Techniques for Guns
6	Feeding Habits, Habitat, and Hunting Laws for a common Wisconsin Game Bird or Animal
7	Homemade Archery Equipment
8	Homemade Decoy or Blind
9	Care and Maintenance of Archery Equipment
10	Care and Maintenance of Guns
11	Poster about Gun Safety
12	Poster about Archery Safety
13	Poster or Display about Game Management
14	Poster or Display about Hunting Safety
15	Poster about Hunting Ethics
16	Hunting Journal
17	Any Other Display or Exhibit related to Shooting Sports not Listed Above

**Division 7**

- A. Participants must be enrolled in the 4-H Shooting sport project in order to participate in the competitive shoot. You must be 8 years old and in 3<sup>rd</sup> grade
  - a. Example: To participate in the Archery competition, the exhibitor must be enrolled in the Archery Project
- B. Participants must follow all rules established by that project regarding safety and competition.

<b>Class No.</b>	<b>Entry</b>
1	Shotgun Competitive Shoot, 12 Years of Age and over
2	.22 Rifle Competitive Shoot, 12 Years of Age and over
3	Muzzle Loader Competitive Shoot, 12 Years of Age and over
4	Air Rifle Shoot
5	Beginning Archery Shoot
6	Advanced Archery Shoot
7	Air Pistol Shoot
8	.22 Pistol Shoot