

# DEPT 16 – NATURAL RESOURCE SCIENCE & NATURESPACE

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Premiums: Blue (2.00) Red (1.75) White (1.50) Pink (1.25)

## General Rules

1. Exhibits may be a poster (no larger than 14x22), display, report, etc.
2. Each exhibit must be named or labeled and collected since prior year's fair.

### Suggestions:

**Class A – Birds:** Birds (drawn or cut out – identify); bird house (your construction); bird feeder (your construction); poster on any activity from project literature, etc.

**Class B – Insects:** Collection of insects (beginner – 15 species from five different orders, intermediate – 20 species from 5 different orders, advanced – 25 species from 8 different orders); illustrate life cycle of insect; killing jar; parts of insect & function; insect survival scrapbook; chart of activity; ant activity exhibit; ant colony; careers in entomology field, observation of food chain of insects; endangered insects; control of insects in specific situation; any activity suggested in Entomology Literature, Butterflies, Moths, Dragonflies, etc.

**Class C – Trees / Forestry:** Collection of leaves (beginner – 5, intermediate – 10, advanced – 15); collection of leaf prints (beginner – 5, intermediate – 10, advanced – 15); collection of tree seeds (beginner – 5, intermediate – 10, advanced – 15); tree diary, report on a job search, etc.

**Class D – Wildflowers:** Plant press, photo collection of wildflowers, terrarium of different habitats, display of plant adaptations, photosynthesis machine, edible and medicinal plant use, puzzle or game, etc.

**Class E – Beekeeping:** Pint of extracted honey, one pound of comb honey, chart of equipment, chart of production process, poster of body parts of bee and function, exhibit showing different types of honey, chart steps of harvesting, etc. No live bee exhibits.

**Class F – Maple Syrup:** Pint of maple syrup (in standard canning jar), 1/2 pound cake of maple syrup, chart of equipment needed for production, chart showing steps in producing maple syrup, etc.

**Class G – Recycling:** Soil building by composting, environmentally smart shopping, benefits of recycling, recyclable materials and means of recycling, Sustainable Eco-Systems, etc.

**Class H – Adventures:** Open to members enrolled in the Adventure project. Poster, display or scrapbook showing activity, camping gear display, menu for a day's hike, map reading skills, reflector even, use of GPS, etc.

**Class I – Cross Country Skiing / Snowshoeing:** Open to members enrolled in the Cross Country Skiing Project, Poster of care and upkeep of equipment, map of trails, journal of trip, etc.

**Class J – Canoeing:** Open to members enrolled in the Canoeing Project. Poster of canoe safety, journal of canoe trip, design and building your own canoe or paddle, cleaning and repairing equipment, etc.

**Class K – Bicycling:** Open to member enrolled in the Bicycling project. Design a bike obstacle course, poster of bike safety, care of equipment, etc.

**Class L – Camping / Backpacking:** Open to members enrolled in the Camping / Backpacking projects. Poster of camping / backpacking opportunities, list of supplies needed, etc.

**Class M – Wildlife:** Poster on game laws, winter feeding program, cover map of farm listing game, display of animal tracking, etc.

**Class N – Fishing:** Fishing safety, collection of stories from experiences, preparation for a fishing trip, fishing knots, topographical map of a lake, exhibit of baits used (no live bait), etc.

**Class O – Archery:** Posters (14 x 22), homemade arrow, homemade target, photography exhibit, etc.

**Class P – Rifle / Shotgun / Muzzleloading / Air Rifle / Air Pistol:** Shooting positions, equipment, accessories, safety, etc.

**Class Q – Hunting:** What exhibitor has learned, wildlife values, game identification, hunting ethics, development of a wildlife area, wildlife and the law, etc.

**Natural Resource Science & Naturespace Classes**

**A – Birds  
B – Insects**

**C – Trees / Forestry  
D – Wildflowers**

**E – Beekeeping  
F – Maple Syrup**

**G – Recycling**

Lot No

- |                           |                           |
|---------------------------|---------------------------|
| 1. Exhibit made by member | 3. Exhibit made by member |
| 2. Exhibit made by member | 4. Exhibit made by member |

**Reserve Champion & Champion Natural Resource Science & Naturespace Class A-G – Ribbons**

**H – Adventures**

**K – Bicycling**

**I – Cross Country Skiing / Snowshoeing**

**L – Camping / Backpacking**

**J – Canoeing**

Lot No

- |                           |                           |
|---------------------------|---------------------------|
| 1. Exhibit made by member | 3. Exhibit made by member |
| 2. Exhibit made by member | 4. Exhibit made by member |

**Reserve Champion & Champion Natural Resource Science & Naturespace Class H-L – Ribbons**

**M – Wildlife**

**P – Rifle/Shotgun/Muzzleloading/Air Rifle/Air Pistol**

**N – Fishing**

**Q – Hunting**

**O – Archery**

Lot No

- |                           |                           |
|---------------------------|---------------------------|
| 1. Exhibit made by member | 3. Exhibit made by member |
| 2. Exhibit made by member | 4. Exhibit made by member |

**Reserve Champion & Champion Natural Resource Science & Naturespace Class M-Q – Ribbons**

**Reserve Grand Champion & Grand Champion Natural Resource Science & Naturespace - Rosettes**

**Competitive Shooting Classes**

**Rules:**

1. All shooting sports competitors must attend one orientation session and at least two shooting practice sessions in order to participate in the competitive shoot. For insurance and safety issues, all competitors must complete the required health form and waiver form before they are able to participate in the competitive shoots.
2. Competitive Shooting will only be offered for disciplines where there are certified leaders. Dates for the practice shoots and competitive shooting will be announced at the orientation meeting.
3. Novice groups are entry level groups that are set up for beginning shooters. Exhibitors in the Novice group may not enter in another lot number in that class for their age. **Exhibitors can only enter in one lot for each class.**

**R - Competitive Shoot Archery**

Lot No

- |                                     |                               |                                |
|-------------------------------------|-------------------------------|--------------------------------|
| 1. Novice - Beginners (No Aids)     | 4. Grades 3 – 5 (Aids/Sights) | 7. Grades 9 – 13 (No Aids)     |
| 2. Novice - Beginners (Aids/Sights) | 5. Grades 6 – 8 (No Aids)     | 8. Grades 9 – 13 (Aids/Sights) |
| 3. Grades 3 – 5 (No Aids)           | 6. Grades 6 – 8 (Aids/Sights) |                                |

**Reserve Champion & Champion Competitive Shoot – Ribbons Each Age Grouping**

**Reserve Grand Champion & Grand Champion for Class R - Rosette**

**Competitive Shoot Gun**

Must be 12 years or older as of January 1 of the exhibit year for Rifle, Shotgun & Muzzleloader

**Classes:**

**S – Competitive Shoot Air Rifle**

**U – Competitive Shoot Rifle**

**W – Competitive Shoot**

**T – Competitive Shoot Air Pistol**

**V – Competitive Shoot Shotgun**

**Muzzleloader**

Lot No

- |   |                                    |
|---|------------------------------------|
| 1. Novice Group – Beginners (Iron Sights) | 4. Grades 12 Years old – 8 (Scope) |
| 2. Novice Group – Beginners (Scope)       | 5. Grades 9 – 13 (Iron Sights)     |
| 3. Grades 12 Years old – 8 (Iron Sights)  | 6. Grades 9 – 13 (Scope)           |

**Reserve Champion & Champion Competitive Shooting – Ribbon each age grouping**

**Reserve Grand Champion & Grand Champion Competitive Shooting Class S – W – Rosette**