DEPARTMENT 122

DEPARTMENT 122-SECTION A-4-H & FFA CONSERVATION & WILDLIFE

CLASS **1st/$5, 2nd/$4.50, 3rd/$4, 4th/$3, 5th/$2**

1. Exhibit displaying any phase of the Soil and Water Conservation project
2. Unit 1 Wildlife – 14"X 22" horizontal format drawing or photograph of wildlife form. Around illustration pace dried samples of its normal food in summer, fall, spring, and winter or drawing or photograph of animal's habitat during the four seasons.
3. Wildlife Ecologist: Nature Journal
4. Wildlife Manager: Habitat Wildlife Plan in either a tri-fold poster format, or a field tour guide booklet as described in the project book
6. Unit 5 – Pinecone, jug of other feeder
7. "Hunter or shooting safety" poster (14" X 22")
8. Display of 3 labeled plaster casts of animal tracks
9. Special Needs – Leader's signature required on entry form

DEPARTMENT 122-SECTION B-4-H & FFA GEOLOGY

- Specimens are to be secured in case.
- Size limited to 18" X 36"
- Exhibitor names are not to appear on exhibit.
- Third and advanced levels may have more than one display box per exhibit.

CLASS **1st/$5, 2nd/$4.50, 3rd/$4, 4th/$3, 5th/$2**

1. First level – 10 minimum labeled rocks, minerals, or fossils
2. Second level – 20 labeled rocks, mineral or fossils
3. Third level – 40 labeled rocks, minerals, or fossils
4. Advanced Geology – 60 specimens with catalog of classifications and descriptions.

DEPARTMENT 122-SECTION C- 4-H & FFA SPORT FISHING

CLASS **1st/$5, 2nd/$4.50, 3rd/$4, 4th/$3, 5th/$2**

Unit 1 **1.** Display of four knots: Clinch Knot, Palomar Knot, Snell Knot, Turtle Knot
2. Diagram a fish with parts labeled
3. Tackle Box with at least 10 items labeled
Unit 2 **4.** Diagram of spinning reel with parts labeled.
5. Display of five knots: Trilene, Surgeon, World Faire, Uni Knot, Blood, and Two Folded Open-End Knots
6. Construct a Fly Wallet

DEPARTMENT 122- SECTION D-4-H & FFA WATER QUALITY AND CONSERVATION

CLASS **1st/$5, 2nd/$4.50, 3rd/$4, 4th/$3, 5th/$2**

1. Create a poster showing ways humans waste water and ways humans can conserve water.
2. Create a model or display that show the division of the Earth's water with a separate key describing the percentages (oceans, icebergs & glaciers, groundwater, etc.)
3. Create a poster showing the hydrologic (water) cycle. Include labels for each stage of the cycle (transpiration, precipitation, etc.)
4. Create a model of a watershed. Include labeling to describe the various parts and areas of impact on the watershed.
5. Create a poster of the types of clouds and describe the weather patterns associated with the clouds.
6. Create a poster of native fish in Pennsylvania and include the physical, chemical, and biological water quality criteria each need to survive.
7. Conduct an aquatic macro invertebrate study on at least 2 different streams. Create a display or poster that describes the specimens found and the water quality those specimens indicate. Describe Class I, Class II and Class III organisms.