

DEPARTMENT 122
SECTION A
CONSERVATION & WILDLIFE

		1 ST	2 ND	3 RD	4 TH	5 TH
	PREMIUMS	\$5.00	\$4.50	\$4.00	\$3.00	\$2.00
CLASS	DESCRIPTIONS					
1.	Exhibit displaying any phase of the Soil and Water Conservation project					
2.	Unit 1 Wildlife – 14”X22” horizontal format drawing or photograph of wildlife form. Around illustration place dried samples of its normal food in summer, fall, spring and winter or drawing or photograph of animals 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 – Pine cone, 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
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

		1 ST	2 ND	3 RD	4 TH	5 TH
	PREMIUMS	\$5.00	\$4.50	\$4.00	\$3.00	\$2.00
CLASS	DESCRIPTIONS					
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
SPORT FISHING

		1 ST	2 ND	3 RD	4 TH	5 TH	
CLASS	DESCRIPTIONS	PREMIUMS	\$5.00	\$4.50	\$4.00	\$3.00	\$2.00
	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 Knot, Surgeon Knot, World Faire Knot, Uni Knot, Blood Knot, Two Folded open End Knot						
6.	Construct a Fly Wallet						

**DEPARTMENT 122
SECTION D
WATER QUALITY AND CONSERVATION**

		1 ST	2 ND	3 RD	4 TH	5 TH
	PREMIUMS	\$5.00	\$4.50	\$4.00	\$3.00	\$2.00
CLASS	DESCRIPTIONS					
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 <i>describes</i> the specimens found and the water quality those specimens indicate. Describe Class I, Class II, and Class III organisms.					