

Common Knots

Knots are defined as those needed to secure line from a reel to terminal tackle. They are limited to Arbor Knot, Blood Knot, Dropper Loop, Cinch or Improved Cinch Knot, Nail Knot, Palomar Knot, Perfection Loop, Rapala Knot, Shell Knot, Double Surgeon's Loop, Trilene Knot, Uni-Knot. Each knot must be represented in two mediums. One (large scale) knot must be tied using white cordage no smaller than 1/8" and no larger than 1/4" in diameter. The (normal scale) second knot is to be tied to a barbless hook using the appropriate material as it would be used in fishing (monofilament, Dacron backing, fly line, etc.). Knots must be labeled with name and displayed on an 8.5"x11" matte board. The entries must be accompanied by a 4-H Aquatic Ecology & Angle Education Explanation Card (451-07, revised 2014) available on the state 4-H website at <http://oregon.4h.oregonstate.edu/contest-materials-natural-science>.

451 200 151 Common knots. Junior, any 5 knots (each knot represented in large and normal scale).

451 200 152 Common knots. Intermediate, any 7 knots (each knot represented in large and normal scale).

451 200 153 Common knots. Senior, any 9 knots (each knot represented in large and normal scale) Judging criterias are outlined on a Common Knots Score Sheet (451-02, revised 2014), available at the county Extension office or on the state 4-H website at <http://oregon.4h.oregonstate.edu/contest-materials-natural-science>.

Fish Prints

Prints can be made using real fish or fish models. Prints can be made using, but not limited to water color, tempura, acrylic, oil, and ink. Prints can be on fabric or paper or in combination and mounted on or in a frame not to exceed 22"x28". One print must be labeled with the common name, scientific name, and anatomy. Labels may be permanent or removable. Exhibitors are to make fish prints using real or model fish. Non-fish images are not acceptable. The entries must be accompanied by a 4-H Aquatic Ecology & Angler Education Explanation Card (451-07, revised 2014) available on the state 4-H website at <http://oregon.4h.oregonstate.edu/contest-materials-natural-science>.

451 200 161 Fish Prints. Junior, 1 print

451 200 162 Fish Prints. Intermediate, 2 prints

451 200 163 Fish Prints. Senior, 3 prints

Judging criteria are outlined on Fish Prints Score Sheet (451-03, revised 2014) available at the county Extension office or on the State 4-H website at <http://oregon.4h.oregonstate.edu/contest-materials-natural-science>.

Flies

Flies are defined as wet and dry. Dry flies are patterns used above the water line or in the surface film (e.g. adult insects, terrestrial insects, dry attractors, poppers, mouse, etc.). Wet flies are patterns used below the water line (e.g. nymphs, larvae, streamers, wet attractors, emergers, etc.) Materials (recipes) used may include but are not limited to hackle, lead wire, dubbing, hook, copper wire, flash, quill, floss, chenille, thread, and hair. Entries may include but are not limited to "Wooly Worm, Wooly Bugger, Hare's Ear, Scud, Caddis Pupa, Girdle Bug **Mickey Finn, Elk Hair Caddis, Bead Head Pheasant Tail, Parachute Adams. ***Royal Coachman,

Grass Hopper, Stone Fly, Blue Winged Olive, Green Drake. Flies must be labeled with name and displayed on an 8.5"x11" matte board, (*=low difficulty, **=moderate difficulty, ***=high difficulty)

The entries must be accompanied by a 4-H Aquatic Ecology & Angler Education Explanation Card (451-07, revised 2014) available on the state 4-H website at <http://oregon.4h.oregonstate.edu/contest-materials-natural-science>.

451 200 131 Flies. Junior, 2 total (1 wet and 1 dry) use recipes requiring #4-6 hook.

451 200 132 Flies. Intermediate, 4 total (2 wet and 2 dry) use recipes requiring #6-8 hook.

451 200 133 Flies. Senior, 6 total (2 wet, 2 dry and 2 using body dubbing) use recipes requiring #8-14 hook. Judging criteria are outlined on Flies Score Sheet (451-04, revised 2014) available at the county Extension office or on the State 4-H website at <http://oregon.4h.oregonstate.edu/contest-materials-natural-science>.

Lures

Lures are defined as Spoons, Spinners, Rooster Tails, Jigs, Plugs, and Spinner Baits. Materials used may include but are not limited to the following:

Spoons: metal body, split ring, hook, weed guard, thin spoon, heavy spoon, thick solid, and spinner blades

Spinners: hook, body, beads, clevis, blade, plastic minnow, spinner used with bait.

Rooster Tails: hook, blade, beads, feather skirt, hair skirt, rubber skirt body, clevis, Colorado bade with low blade.

Jig: eye, assorted jig lead head, hook, feathered skirt, fur skirt, hair skirt, rubber skirt.

Plugs: metal lip, hook hanger, eye, body, hooks, propellers, joined plug, plug lip.

Spinner Bait: fluted blade, hook, Colorado blade, clevis, arm, body, skirt, eye, twin arms and blades. Lures must be labeled and displayed on an 8.5"x11" matte board.

The entries must be accompanied by a 4-H Aquatic Ecology & Angler Education Explanation Card (451-07, revised 2014) available on the state 4-H website at <http://oregon.4h.oregonstate.edu/contest-materials-natural-science>.

451 200 141 Lures. Junior, 1 spoon plus 1 additional choice

451 200 142 Lures. Intermediate, 1 Spoon, 1 Spinner, and 2 additional choices

451 200 143 Lures. Senior, 1 Spoon, Spinner, 1 Rooster Tail, and 3 additional choices

Judging criteria are outlined on Lures Score Sheet (451-05, revised 2014) available at the county Extension office or on the State 4-H website at <http://oregon.4h.oregonstate.edu/contest-materials-natural-science>.

Fishing Rods

Based on the type of rod, the necessary components include rod blank, butt cap/extension, handle/grip, reel seat, hook keeper, butt/stripping guide, appropriate number of line guides for length, guide wraps, ferrutes, and tip top. Fishing rods must be constructed by the member and may not exceed 108" in length. The rods must be displayed on a board no thicker than 1 inch, no wider than 8 inches, no longer than 120 inches (1"x8"x120" maximum). All necessary components must be labeled. Permanent or removable labels may be used. The entries must be accompanied by a 4-H Aquatic Ecology & Angler Education Explanation Card (451-07, revised 2014) available on the state 4-H website at <http://oregon.4h.oregonstate.edu/contest-materials-natural-science>.

451 200 101 Spinning Rod. Junior, one piece

451 200 102 Spinning Rod. Intermediate, two piece

451 200 103 Spinning Rod. Senior, three or four piece

451 200 111 Bait Casting Rod. Junior, one piece

451 200 1112 Bait Casting Rod. Intermediate, 2 piece

451 200 113 Bait Casting Rod. Senior, three or four piece

451 200 121 Fly Rod. Junior, one piece

451 200 122 Fly Rod. Intermediate, two piece

451 200 123 Fly Rod. Senior, three or four piece

Judging criteria are outlined on Fishing Rods Score Sheet (451-08, revised 2014) available at the county Extension office or on the State 4-H website at <http://oregon.4h.oregonstate.edu/contest-materials-natural-science>

Project Display

The exhibit may be a poster or a three-dimensional display. Exhibits may include pictures, models, diagrams and actual articles if they qualify for the safety standards listed below. Drawings or photos which are an essential part of the display should be firmly attached to the board. Loose materials like soil, bark or sand must be displayed in closed containers. No books or notebooks will be accepted as part of the display. The following materials will not be allowed on the display for safety reasons. Living organisms-plants or animals, liquids, aerosol bottles or other pressurized gases, glass, hazardous substances, or sharp items. Each exhibit must have name, county and class number securely attached to it. All parts of the display should be attached to one another in some way to keep the exhibit together as a unit. Single posters may be displayed by hanging or stapling to the wall. All other displays should be free standing.

All information contained in the exhibit must be able to be viewed by the public by looking at the display. Sources must be listed on the front of the display. Display (all parts) should be able to last the duration of the fair in good repair. Individual posters are limited in size to 30"x24". Individual three-dimensional displays are limited in size to 48" wide (measured when lying flat), 24" deep (front to back), and 36" high. Club exhibits are to be entered under the club name but must include the names of all members and leaders. This may be on a separate paper securely attached to the back of the exhibit. Club exhibits are limited in size to 60" wide, 24" deep and 36" high. The weight of any display cannot exceed 30 pounds. Club exhibits will receive one ribbon per exhibit.

An Educational Display Exhibit Explanation Card (000-01) must be attached to each exhibit. It is available from county Extension office or state 4-H website at <http://oregon.4h.oregonstate.edu/fair-book-communications>.

451 200 171 Aquatic Ecology & Angler Education Project Display. Junior

451 200 172 Aquatic Ecology & Angler Education Project Display. Intermediate

451 200 173 Aquatic Ecology & Angler Education Project Display. Senior

451 200 174 Aquatic Ecology & Angler Education Project Display. Club

Judging criteria are outlined on the *4-H Educational Display Score Sheet (40-463)*. It is available at the county Extension office or on the State 4-H website at <http://oregon.4h.oregonstate.edu/fair-book-communications>.