

Knot Tying for Fishing Tackle

Introduction:

Tying a good knot is one of the most important skill the angler can learn. The knot is the weakest part of the line and if poorly tied, could result in a lost lure or fish. A bad knot will either pull loose when pressure is put on it or cinch down tight and sever the line. There are many knots that and angler could use, but only a couple that you should definitely know how to tie.

This activity will teach you how to tie two knot. These are both fairly simple, but will cover most conditions involving the type of string and tackle. These two knots are; the improved clinch knot and the Palomar knot.

The Improved Clinch Knot

This is the most commonly taught fishing knot and can be used on monofilament line to attach a lure, swivel of hook. The knot is simple to remember and the line retains nearly all of its strength.

The Palomar Knot

This is another simple and versatile knot that retains nearly all of the lines strength after it is tied. The Palomar knot should be used when fishing with braided line. An improved clinch knot will pull loose on braided line.

Materials:

- Two foot length of paracord (one for each pair of students)
- "Fishing Plug" (3 inch wooden dowel with screw in eye) (one for each pair of students)
- Knot tying instruction sheets (one for each pair of students)
- Paper clips (one per student)
- Small spool of monofilament line.
- Instructor Activity Instruction Sheet

Activity Procedure:

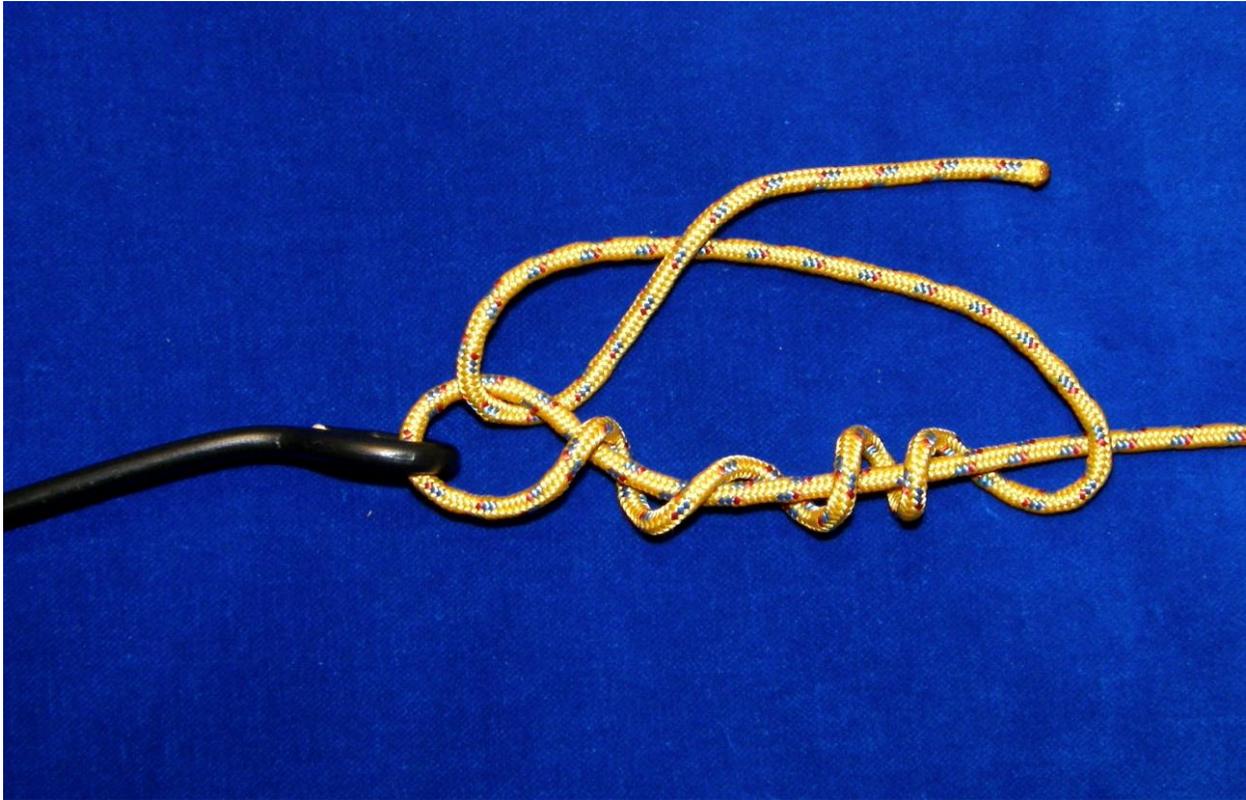
Activity 1.

1. Discuss the importance of a well tied knot and demonstrate with monofilament how a poorly tied knot will either pull out or break at the knot.
2. Demonstrate the weakening of the string by tying an overhand knot in a short length of monofilament and pulling until it breaks.
3. Divide the class into working pairs.
4. Distribute an instruction sheet, fishing plug and length of paracord to each pair.
5. Have the students assist each other and practice each knot type.

Activity 2.

1. Distribute 2 paper clips and a 24 inch length of monofilament to each student pair.
2. Have each student tie a paperclip to each end of the monofilament string using the knot of their choice.
3. Have each student hold onto the paperclip they tied and pull against the other student to see whose knot is the strongest. Test the two different knots for which holds best.

Improved Clinch Knot



The Palomar Knot

