



Making a Pocket Knot Board

This Pocket Knot Board project is geared toward helping each Webelo Scout practice and begin to master the eight basic knots included in the Outdoorsman Activity Badge. Each Scout makes his own personal knot board using hand tools which also satisfies the requirement to make a useful project out of wood in the Craftsman Activity Badge. This project is intended for each Webelo Scout to be able to complete in one meeting, and requires Leader supervision. This project can be completed by Cub Scouts at other levels of the program with varying levels of hands-on supervision and guidance.

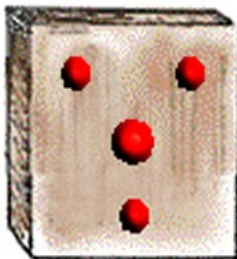
Materials needed:

- one 4 inch x 4 inch, 1 inch thick piece of wood (cut from larger stock)
- one 3/8 inch round dowel 4 inched in length
- three pieces of cord at least 10 inches in length - three different colors if possible

Tools needed:

- tape measure or ruler
- hand saw - crosscut
- electric hand drill
- wood rasp and files
- sandpaper
- pocketknife

The Pocket Knot Board Project



project steps:

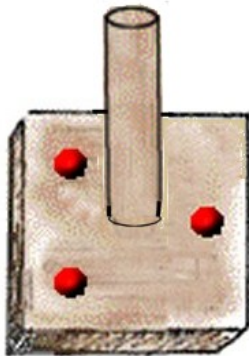
- measure and cut the base board into individual 4 X 4 inch square (from the larger stock piece)
- smooth all edges
- use ruler or tape measure to mark an X pattern from corner to corner to locate the center of the base board

using an electric hand drill, drill the following holes:

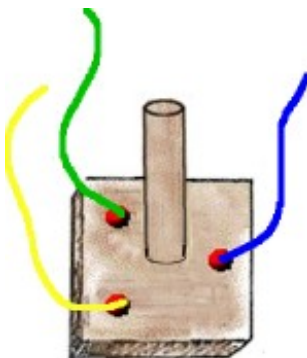
- center hole 3/4 of an inch wide
- one 3/8 inch hole approximately 1 inch from two of the corners on the diagonal marking lines
- one 3/8 inch hole directly adjacent to center hole centered as shown
- countersink each of the three 3/8 inch holes from the back side of the baseboard approximately half way through the board



- measure and cut one piece of the 3/4 inch dowel 4 inches in length
- smooth one end of the peg
- using a pocketknife whittle the other end of the peg so that it fits into the center hole



- cut the cord to length and singe the cut ends to prevent fraying (also part of the Outdoorsman Activity Badge)
- insert the pieces of cord from the countersunk holes and through the top of the board
- secure each cord with an overhand knot or a Figure 8 knot and pull the cord from the top to fully seat the cord in the countersunk hole
- insert the peg into the center hole on the opposite side of the holes that were countersunk



- Don't glue or secure the center peg in any way other than the tight fit facilitated by whittling the end. The peg is removed in order to fit the knot board in the cargo pocket of the Scout's trousers