

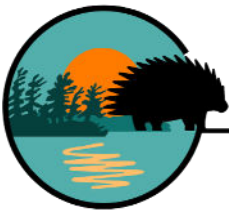
## Rope Making Board Instructions



### Instructions on how to build outdoor structure

#### Materials

- |   |  |
|---|--|
| 7 logs 2 meters in length                                       | 1 laminated description board 8.5X11 inches. |
| 3 thick sticks 2 meters in length                               | 36 tacts.                                    |
| 4 pieces of timber 1.5 meters in length                         | 1 cement bag.                                |
| 16 thick sticks 30 centimeters in length                        | 2 anchors.                                   |
| 35 pieces of rope with leather endings 30 centimeters in length | 2 hooks.                                     |
| 6 pieces of rope 60 centimeters in length.                      | 1 standard size shovel.                      |
| 86 nails 4 centimeters in length.                               | 1 standard drill.                            |
| 8 laminated labels 5X15 centimeters.                            | 1 container of putty.                        |



## Steps

**Step one:** Using the standard size shovel, dig four holes 2 feet deep and 1.5 metres apart.

**Step two:** Place a log in the hole with cement material. Do this step for the four holes dug in step one. Let cement dry.

**Step three:** Place the three remaining logs in an “I” shaped figure on top of the four secured post using putty.

**Step four:** Wrap the trap around two of the thick sticks two meters in length. Place the tarp over the “I” figure and secure them to the four secured posts using putty.

**Step five:** Attach the labels to the plywood using the tacts. Drill eleven thick sticks to the plywood as shown in the figured. Attach the tied knots to the plywood using the drill and nails. After attaching the ropes to the plywood use the putty to connect all four pieces of plywood as shown in the figure.

**Step six:** Secure the hooks to the middle hanging log. Secure the anchors to the top piece of plywood after the putty has dried. Then, hang the board.

**Step seven:** Drill five thick sticks to the one remaining one thick stick two meters in length.

**Step eight:** Drill the thick stick to the two front posts of the structure.

**Step nine:** Tie knots around the five front sticks.

**Step ten:** Enjoy the new structure! :)

## Modified Indoor Structure

If you are unable to build this structure, there is a modified version for inside of your classroom. This includes modeling the plywood board using bristol board paper and string. Students can look at the knots tied with string on the labeled posted. Students can be given a piece of rope to model on a flat service at their desk and / or around a post of furniture.