

# Looms Tutorial



## MATERIALS LIST FOR ONE LOOM:

1. (2)  $\frac{3}{4}$ " x 1.5" x 9" pieces of poplar wood
2. (28)  $\frac{5}{16}$ " x 1" pegs made from a long  $\frac{5}{16}$ " dowel
3. (2)  $\frac{5}{8}$ " x 11" pieces made from a long  $\frac{5}{8}$ " dowel
4. wood glue
5. drill press
6. chop saw
7. ruler
8. pencil
9. square
10. sandpaper



## INSTRUCTIONS:

1. Cut all pieces in materials list 1-3 with the chop saw.
2. Measure 14 equal intervals across one of the  $\frac{3}{4}$ " sides of the poplar wood for 14 pegs. Put your mark either to the left or right of each peg. (This is the top of your loom!)
3. Complete #2 again for the other side.
4. Using the drill press, drill a  $\frac{1}{4}$ ", flat-bottomed hole for each peg in both pieces of the poplar.
5. Measure and mark on the 1.5" side of the poplar where you want to attach the  $\frac{5}{8}$ " dowels. Then, drill a  $\frac{1}{4}$ ", flat-bottomed hole for each dowel.

*NOTE: Flat-Bottoms are important to ensure the dowels are equally inserted and therefore your loom is square.*



6. Assemble the loom by placing wood glue around the  $\frac{5}{8}$ " dowel ends and pressing them into the appropriate holes. Use a square to make sure the loom is square. Let dry.



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*The following steps can be completed for the first co-op lesson:*

7. Once dry, place a small amount of wood glue in each peg hole and lightly hammer in the pegs.

NOTE: Place a piece of wood between the pegs and hammer or use a wooden hammer. For kids at co-op, using wooden blocks work just as well for the hammers.

8. Students may also sand their looms for smoother edges.
9. Write the family name on one side of the loom and store until the next class.
10. Once dry, use a hand saw to cut a shallow groove in the pegs on the outward facing (from the Loom) sides. This part can be done between co-op lessons by the teacher.



**THE STUDENTS ARE NOW READY TO WEAVE NEXT TIME!**

