



7th Pickering Scout Troop Catapult Instructions



Materials:

- 15 Popsicle sticks
- Strong thread/string for lashing
- 2 rubber bands
- Mini marshmallows or cotton balls for launching
- Glue to seal knots and loose ends

Instructions: You will need to know your knots, lashings and how to use and apply them.

Step 1 Lash two sticks flat together. This will form the stop bar at the top of the catapult.

Step 2 Lash two sticks flat together the bottoms only. Repeat 3 times for 4 legs in total.



Step 1



Step 2

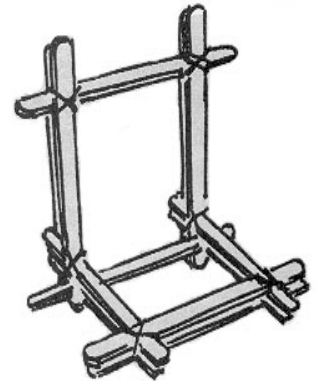
Step 3 Spread the tops of two of the legs and place the double sticks (Step 1) in between each, creating an “H” shape. Lash the joints of the legs and the double stick stopping bar.

Step 4 Add a bottom cross bar by lashing a stick to the bottom of the legs used to make the “H”.

Step 5 Take the remaining two legs, spread each, and lash one to each side of the bottom of the “H” to form the base. Lash the points where these overlap the side legs of the “H”.

Step 6 Add cross bars by lashing sticks to the tops and bottoms of the legs that form the base.

Step 7 Finish off the catapult frame by attaching the last two sticks, one to each side as bracing. Dab glue on all knots & loose ends - let it dry. Then attach the rubber bands. Use different rubber band sizes for more or less power. Twist a rubber band up and insert the spoon in the centre.



You are done Load your mini marshmallow, hold the base, and test fire.

