

Trebuchet Worksheet

Name: _____ Period: _____

1. Always wear your _____ when using _____.
2. Always follow _____ when using any tools.
3. Always wear your _____ when using your _____.
4. Do not fire your trebuchet at _____.
5. Cut out the _____ for the trebuchet _____ and _____. Make your cuts _____ the lines.
6. Use the _____ to drill one _____ hole in the throwing arm for the _____. Drill three _____ holes in the _____. Drill one _____ hole in each of the _____ for the _____. Always follow the _____ for the drill press.
7. Use the _____ to cut outside the lines of the paper patterns. Saw about 1/16" _____ the lines.
8. Drill a _____ hole in each of the two base side pieces, _____ from the end and _____ from the sides. Draw _____ lines on _____ sides of each base side pieces. Measure _____ and _____ from

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the [] with the holes. Use a [] to draw the layout lines across the face sides.

9. Glue [] base end pieces to the ends of the base side pieces.

Glue two base end pieces to the base side pieces at the [].
[]. Make sure the [] sides of all the pieces face to the [].

10. Spread glue along the base pieces and lay the base top onto the base. Secure the base top with []. Make sure all the [] edges line up.

11. Cut a piece of drinking straw [] long. This will be the throwing arm []. Put the drinking straw bearing through the large hole in the []. The throwing arm should be in the [] of the drinking straw bearing as show in the [].

12. Use hot melt glue to secure the [] to the throwing arm on the end with the []. Be careful not to get [] into the [].

13. Cut a piece of netting [] wide by [] long. Cut the [] from the netting so that it looks like the [].

14. Put some [] on the [].
Place the [] on a notch on the throwing arm's

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[] . Lower the throwing arm so that the []
can be engaged in the []
[] . Put a []-gram clay ball into the []
and place the [] on the base top so the threads are fully
[] . **Your [] is armed and ready to**
[] . **Be sure [] .**

15. Adjust the [] of the [] to make your
[] fire in a higher or lower [] . Adjust the number
of [] to vary the [] your
[] fires the clay ball.