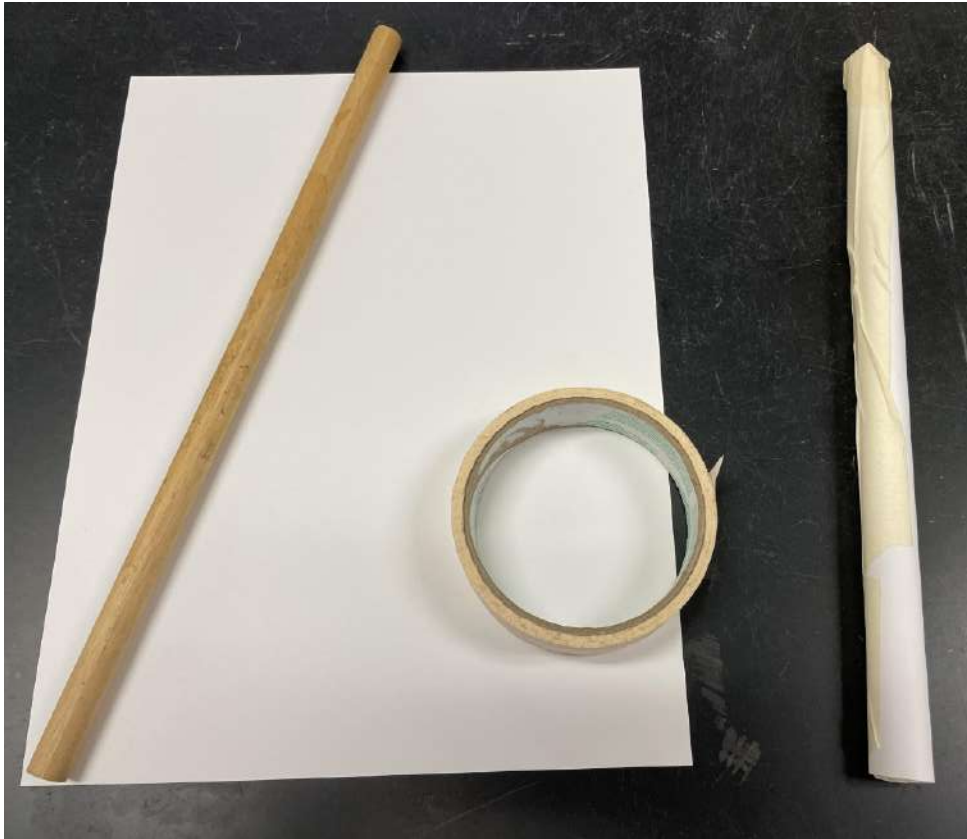


Making a Nose Cone and Fins

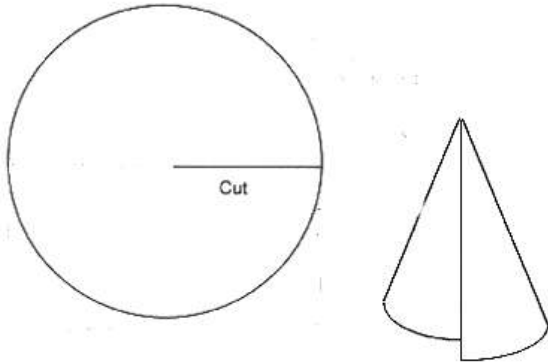
1. Wrap a piece of cardstock around a wooden dowel rod and tape the piece so that it doesn't unroll. Use tape to completely seal the cardstock tube.



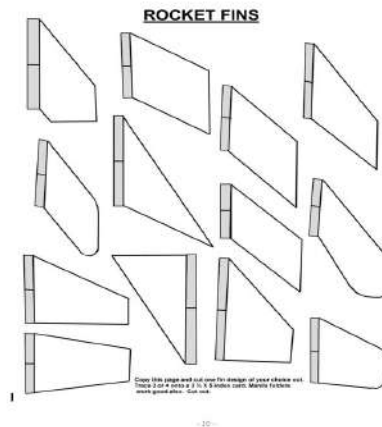
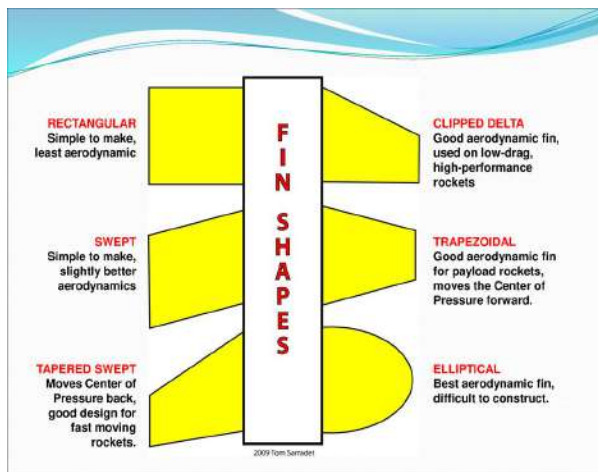
2. Tape over the top of the tube to seal it.



- Test your air rocket by putting it on a launcher and pumping it up. If the paper rocket does not launch, check for leaks and make sure it's not too tight or too loose.
- Cut out a circle and put a cut halfway through. Twist the circle into a point and tape it on the rocket. The size of the circle used will determine the length of the nose cone. If you want a long, pointy nose cone then use a very large circle. If you want a short, pointy nose, then use a smaller circle.



- Cut out 3 to 4 fins. You need them to be less flimsy so use 2 layers of cardstock on this step to make them extra sturdy or use cardboard. Tape the two layers together. Fold down the edge of the fin (see picture below – the grey area is folded).



- You can use hot glue if you choose. Tape the fins to the rocket. It is very important that the fins are evenly spaced apart. Use the picture below. Put your rocket body in the circle. Mark on your rocket where the lines are (use the dotted lines for 3 fins and the solid lines for 4 fins). Tape and hot glue your fins to your rocket body.

