

# Blow Rockets

This is a simple rocket, but it can travel a surprisingly long way - if you have reasonable lung capacity. Obviously, you will need to ensure that the children don't share rockets or straws.

## Equipment

1 sheet of A4 paper  
1 square sheet of paper, 15x15cm  
1 wide straw  
Pencil  
Ruler  
Scissors  
Pritt Stick

## Method

1. Place the A4 sheet of paper on the table in portrait orientation. Glue a strip about 1cm wide along the edge of the paper nearest to you (ie, along the short edge).
2. Turn the paper over, so that the glue is underneath.
3. Put your straw on top of the paper and roll the paper around it (pressing down after the first turn, so that the glue sticks), to form a tight tube. (I put a pencil inside my straw, to make it more rigid while I rolled).
4. Keep rolling until you get to the end of the paper and then glue the end down. Remove the straw and put both the tube and the straw to one side.
5. On your square piece of paper draw a line along each of the diagonals (from corner to corner), to divide the square into 4 triangles. Then cut the triangles out.
6. Take one triangle and wrap it into a cone shape, making sure that the tip is fully closed and glue it into place. Trim off any excess paper so that the end of the cone is level.
7. Take the paper tube and cut small slits all around one end, about 2mm apart and 5-10mm long, then splay the cut paper outwards.
8. Glue around the splayed paper, then place the cone over the top and gently push the cone down onto the end of the tube. The glue should now hold the cone in place.
9. Take two more triangles and lay them each side of the tube, with the long side forming the outside edge of the triangle. These will be the fins. Fold in the edge nearest to the tube by about 1cm. Glue the fold and stick it to the side of the tube. Repeat with the other triangle.
10. Now take the straw, insert it into the tube and give a good blow to launch your rocket.

