

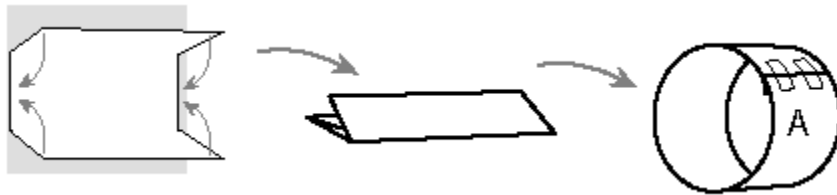
## Making a Windsock

### Materials

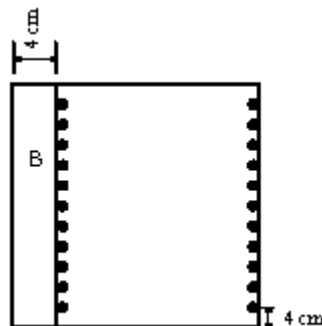
- One sheet 8 1/2 X 11 inch printer or copy paper
- One piece tissue paper 28 cm X 28 cm
- White glue or paste
- Cellophane tape
- Scissors
- Single-hole paper puncher
- One Paper clip
- Metric ruler
- Magnetic Compass
- 1.2 m kite string
- Wooden dowel

### Procedure

1. Fold a piece of 8 1/2 X 11 inch paper lengthwise to make the border strip for the wind sock.
2. Form a loop from the strip and tape the ends of the paper together. Mark the outside edge with the letter A.

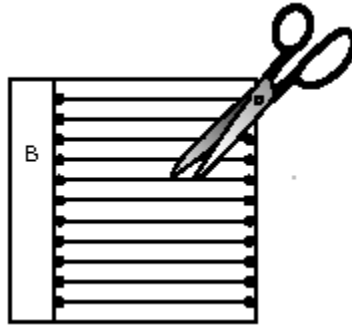


3. On the tissue paper use a marker to draw a line 4 cm from one edge and across the paper. Mark the 4 cm by 28 cm area with the letter B. (Illustrations shown not to scale.)

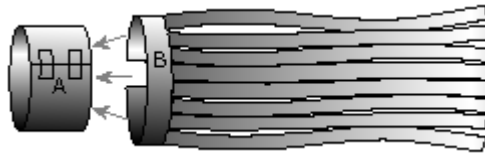


4. Beginning along one end of the line drawn in step 3, measure and mark a point 3 cm from the edge. Continue marking the edge with additional points each separated by a distance of 3 cm.

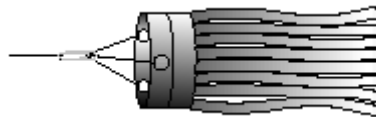
- Repeat step 4 to mark points along the opposite end of the tissue paper.
- Using the points, draw a series of lines on the tissue paper. With scissors, cut along these lines to make strips.



- Glue edge B of tissue paper to edge A of the loop strip made in step 2. Allow time for the glue to dry.



- Use a hole punch to punch three holes equal distance around the paper ring.
- Cut 3 pieces of string 30 cm long. Tie one end of each string to the wind sock at each of the three holes.
- Tie the three loose ends of the string to a single paper clip. Add an additional 30 cm length of string to the paper clip.



- Test the wind sock by holding the single string in front of a fan.

Source: NASAexplores; Watch the Wind K-4  
[http://media.nasaexplores.com/lessons/01-081/k-4\\_1.pdf](http://media.nasaexplores.com/lessons/01-081/k-4_1.pdf)