



# HOME ACTIVITY: Put a Sock In It!

HAVE YOU SEEN A WIND SOCK AT AN AIRPORT OR ON A ROAD SIGN? IT SHOWS HOW STRONG THE WIND IS, AND WHAT DIRECTION THE WIND IS COMING FROM. HOW ABOUT MAKING YOUR OWN!

## TO MAKE A WIND SOCK, YOU WILL NEED:

- 1 sheet of A4 sized paper (21cm x 30cm)
- 1 piece of tissue paper 28 x 28 cm
- Glue
- Sellotape
- Scissors
- Ruler
- Hole punch
- 1 paper clip
- Kite string or strong cotton (120 cm)
- A pole (this could be a bamboo stick from the garden, or something similar)
- A compass.



## SOCK IT TO ME!

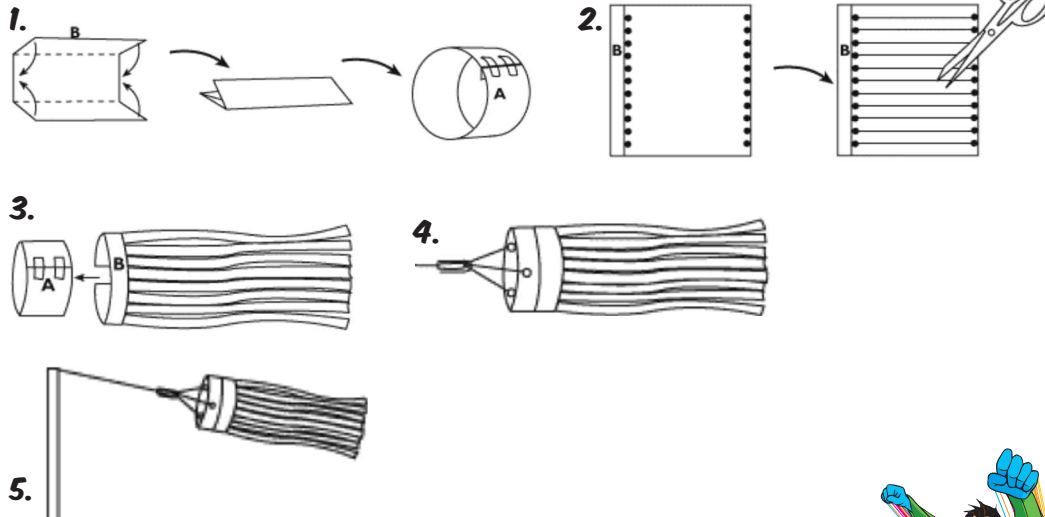
1. Bend the A4 paper into a cylinder shape and fix it with sellotape.
2. Cut strips carefully into the tissue paper, leaving a band of 3cm free at the top.
3. Glue the tissue paper to the paper cylinder.
4. Punch three holes in the cylinder and tie a piece of string/cotton to each hole.
5. Join the three strings together on to one long piece.
6. Attach the string to the top of the pole.
7. Take the wind sock outside. It will show you which direction the wind is coming from – use the compass to see if the wind is blowing from north, south, east or west. You can also see how strong the wind is, by looking at how high up the wind lifts the sock.

## ISN'T THAT A BLAST!



## POWER PONDER!

If you were building a big wind turbine to generate electricity for a town, why would it matter in what direction the wind usually blows?



Describe what happened when you tested your wind sock:

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