



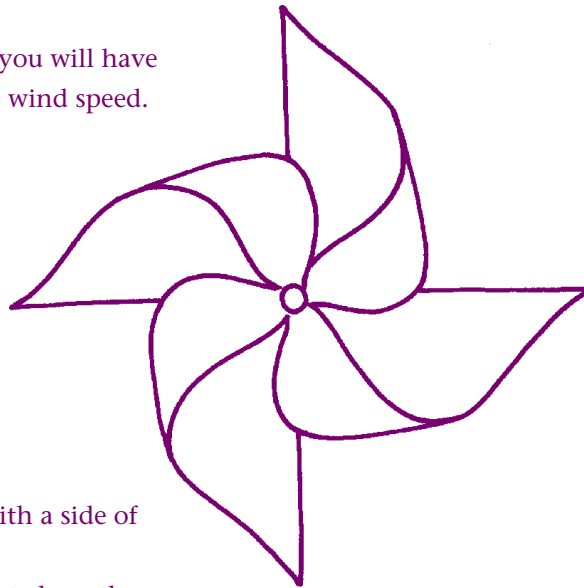
## MAKE A PINWHEEL

### Aim:

When you have completed this activity you will have made a pinwheel and used it to measure wind speed.

### You will need:

Thin cardboard  
Ruler  
Pencil  
Scissors  
Pin or long needle  
Rubber



### Procedure:

- Cut out a square of thin cardboard with a side of 11 cm. Colour as in the diagram.
- Draw guidelines on the square and cut along the diagonal broken lines.
- Make five small holes where indicated, then bend the cardboard to align the holes.
- Pass a long needle through the five holes, then push the sharp end into a rubber.
- Hold the pinwheel near a fan. Change the speed of the fan and try to count the number of revolutions per 10 seconds of the pinwheel, at different fan speeds.

