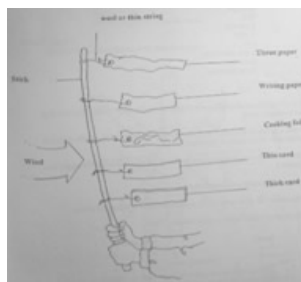


DIY Wind Meter

A simple anemometer

Equipment

- ◇ Stick or broom handle.
- ◇ 5x10cm pieces of thin string or cotton
- ◇ Saucer or plate
- ◇ Tissue paper, writing paper
- ◇ Cooking foil, thin card, thick card



Method

- 1 Cut approximately equal sized strips of tissue, paper, foil, thin and thick card, and made a hole near one end.
- 2 Using the string, tie each strip to the stick, with as much space as possible between them.
- 3 Take your wind meter outside and hold it as high as you can. Which strips are moved by the wind? You could try and find the windiest place – do the buildings and trees around you shelter you from the wind, or funnel it?

Related Experiments

Why not have a go at making a DIY anemometer, which will give you an idea of how fast the wind really is. Alternatively, if you have access to a bought anemometer, you could try calibrating your wind meter – what wind speed do you need to have before each strip gets blown around?