

Wind gauges or anemometers

These measure wind speed. There are two fairly simple kinds of hand-held wind gauge which children can make themselves. One uses a piece of card suspended on a piece of dowel. The other uses a cardboard gauge with string or thread. Why not make both and compare their effectiveness? Can children design the best wind gauge for different types of wind conditions?

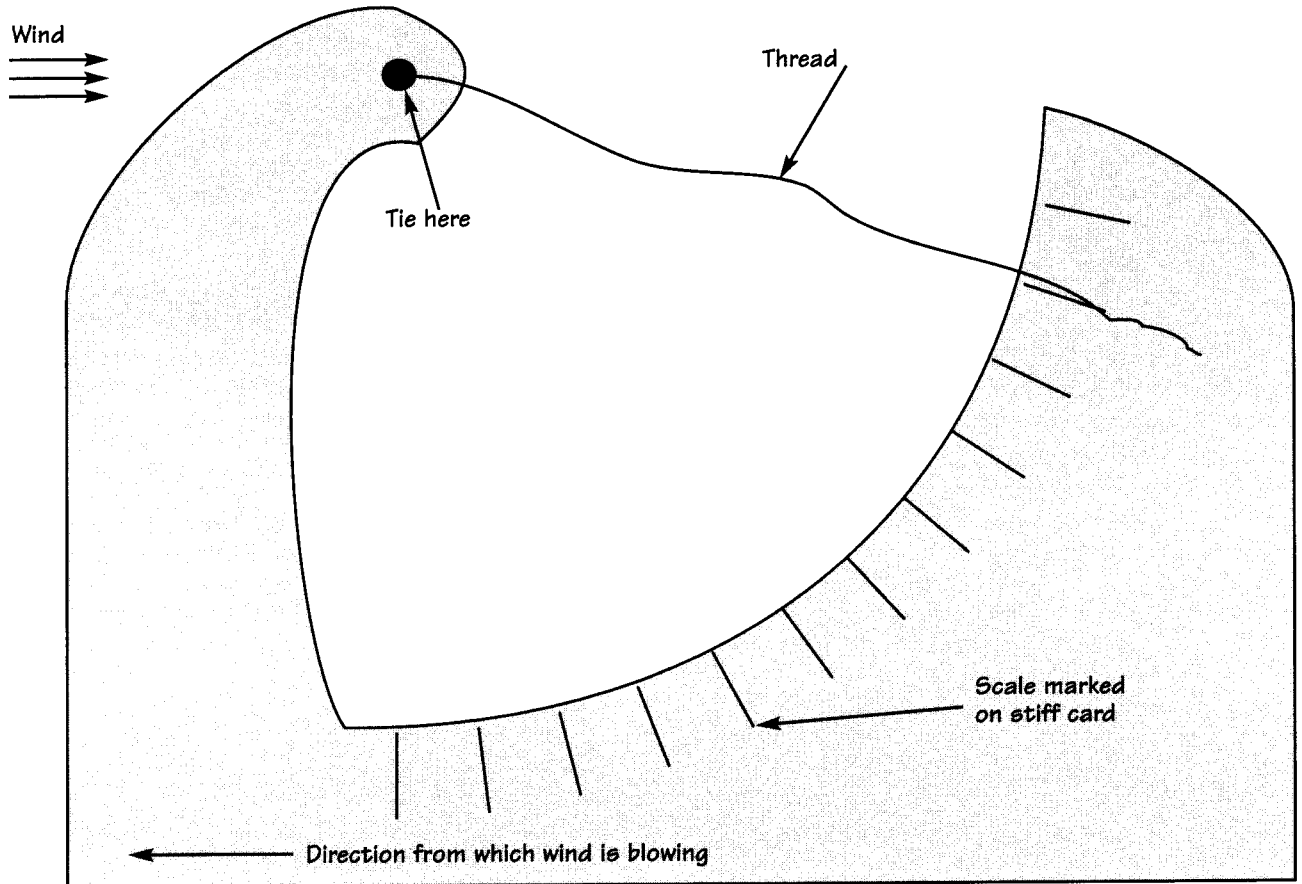


Fig 41. String and card wind gauges

1. Use this template (above) to cut a piece of cardboard.
2. Tie thread or string in a hole made near to the edge of the cardboard. Thread will move in a light breeze. String is better for a stronger breeze.
3. Move gauge until thread is blowing parallel to bottom of gauge. This shows wind direction.
4. Where the thread points along the arc shows relative speed.

