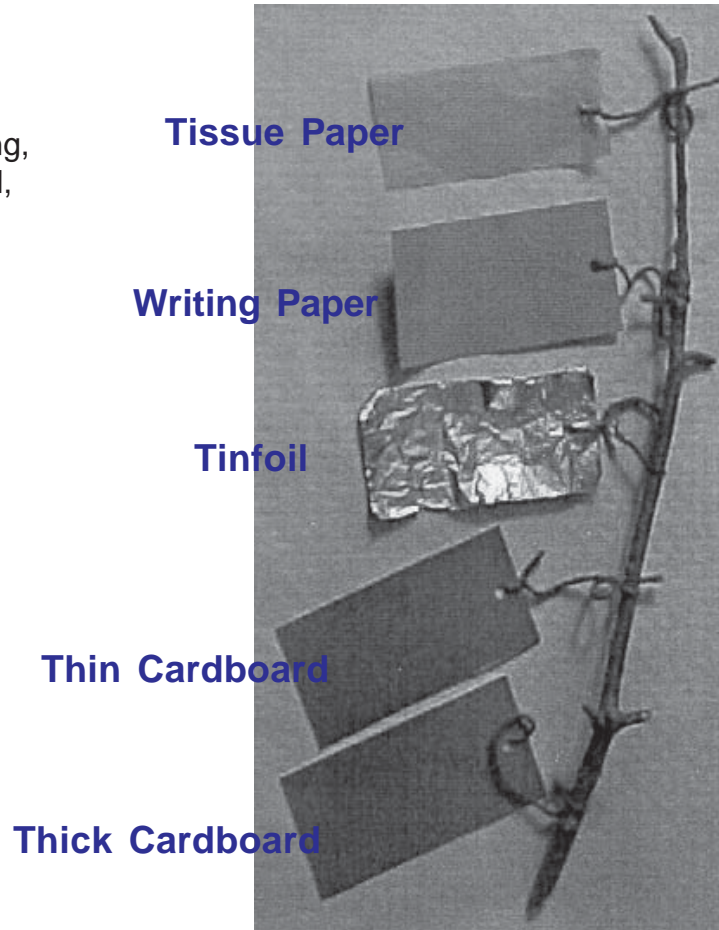




# Wind Detector

- 1.** For your wind detector, you will need a long stick, some thin string, tissue paper, writing paper, tinfoil, thin cardboard, thick cardboard and a hole punch.
- 2.** Cut a strip from each piece of paper and foil. Punch a hole in one end of each strip. Tie the strips along the stick, with the lightest at the top and the heaviest at the bottom.
- 3.** Take your wind detector outside to see how hard the wind is blowing. A breeze will move only the tissue paper. A strong wind will move the heaviest cardboard.



## The Beaufort Scale

This scale is used by weather experts to measure the strength of wind.

- 1- No wind
- 2- Smoke moves
- 3- Leaves move
- 4- Branches move
- 5- Crests in water
- 6- Wind whistles
- 7- Trees bend
- 8- It's hard to walk
- 9- Shingles blow off
- 10- Trees are uprooted