

Anemometer

1. Color the outside of one cup red.
2. Cut off the rolled edges of the cups.
3. Cross the cardboard strips so they look like a cross at right angles.
4. Staple the cardboard strips together where they cross
5. Staple the cups to the ends of the strips, making sure all the cups face the same direction.
6. Using the tack attach the center of the anemometer to the eraser end of the pencil.
7. Place the clay on a flat surface.
8. Stick the sharp end of the pencil into the clay.
9. To take anemometer readings, hold the anemometer at eye-level and blow on the cup area of the anemometer.
10. Count the number of times the red cup passes by in 30 seconds.
11. Use the formulas to measure wind speed in mph or kph