

Make a Anemometer

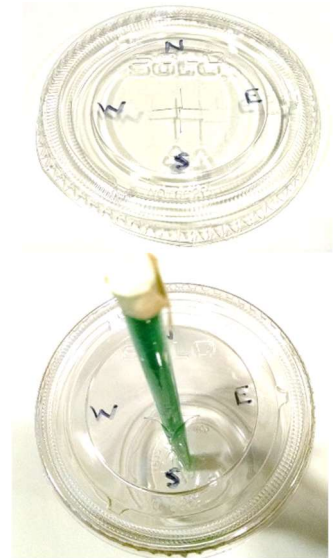
(Gauge to Measure Wind Speed)

Make your base:

Write labels on lid: N for north, E for East, S for South, and W for west. Put lid on a cup. Write your name on the cup.

Put a straw in the lid.

Cover the top of the straw with two pieces of tape.



Make the topper:

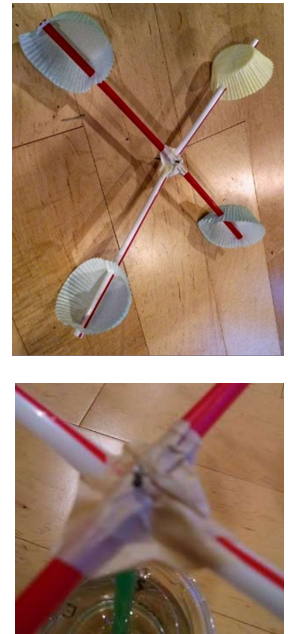
Take two straws. Make a plus sign + with the straws. Tape them together. Poke a pin through the center of the +

Decorate one cup. Choose 3 plain cups.

Punch 2 holes in all the cups—about halfway down one side, then another hole on the opposite side.

Mount a cup on each end of both straws. The cups all face the same way around a circle.

Poke the nail or pin in the center of the topper through the tape on top of the straw in your cup. Be sure it turns easily



To use the anemometer to measure the windspeed

Fill the cup part-way with water. This makes it heavy enough that it won't tip over.

As it turns, every time the decorated cup passes you, count it. Count how many turns in one minute.

