Wind Instruments

Anemometer

[](http://www.google.com/imgres?hl=en&safe=active&biw=1725&bih=687&tbm=isch&tbnid=wtBnP4e7cUZSEM:&imgrefurl=http://www.innovateus.net/content/anemometer&docid=kbpvxBrV7nYL3M&imgurl=http://cdn.innovateus.net/preset_4/anemometer_b.jpg&w=300&h=225&ei=Eb48UZrxNpCs8QSEvYHQDA&zoom=1&ved=1t:3588,r:45,s:0,i:227&iact=rc&dur=3065&page=2&tbnh=180&tbnw=238&start=26&ndsp=35&tx=123&ty=71)

Materials:

5 cups

2 straws

Pencil

Can or bottle with sand

To Do:

1. Poke a straw through the sides of four of the cups.
2. Poke a pencil through the bottom of the fifth cup.
3. Make sure all four cups are facing in the same direction.
4. Push a cup through each end of a straw to create a pair. Do the same for the other straw and cups.
5. Take a cup off at one end and push the straw through the center cup. Re-attach the cup. Do the same for the other straw and cups.
6. Place the pencil in a can or bottle of sand to hold up your anemometer
7. Mark a cup to make it identifiable. You will count this cup to determine wind speed. Ten turns per minute equals 1 mile per hour.