



How to Make an Anemometer

You will need:



- 5 small cups
- 3 wooden rods
- 1 pin
- Plasticine (or bluetac)
- Black marker pen
- A sharp pencil

Instructions:

1. Take one cup. Mark halfway up the cup. Use a sharp pencil to make a hole.

Hold a small amount of plasticine inside to stop the cup from splitting and to protect your fingers!



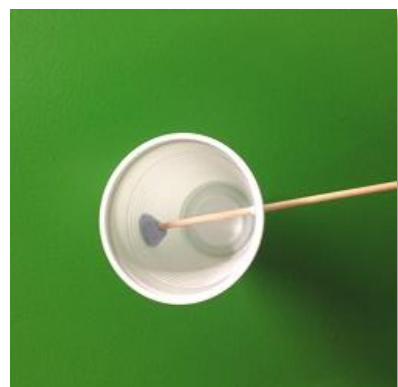
2. Make 3 more holes around the side of the cup. This will form the base of your anemometer.

The holes should be carefully measured so when pushing your two wooden rods through, they cross at right angles.



3. Make one hole in each of the remaining cups. Insert the 4 ends of the wooden rods into the hole in each hole. All of the cups should be horizontal and facing the same way.

You may need to use a small piece of plasticine to hold everything in place.



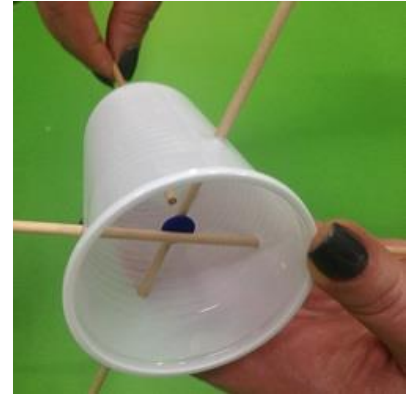
4. Find the centre point on the bottom of your base. Make a hole using a sharp pencil.

Remember to hold a small amount of plasticine inside!



5. Carefully push the pin through the bottom wooden rod inside the base. Push the last remaining wooden rod through the hole on the bottom of the base and attach it with the pin.

Take care when pushing the pin into the top of the wooden rod.



6. Finally, mark one cup with a black marker pen. You will use this help with counting the number of times your anemometer spins.



Your finished anemometer should look something like this!

