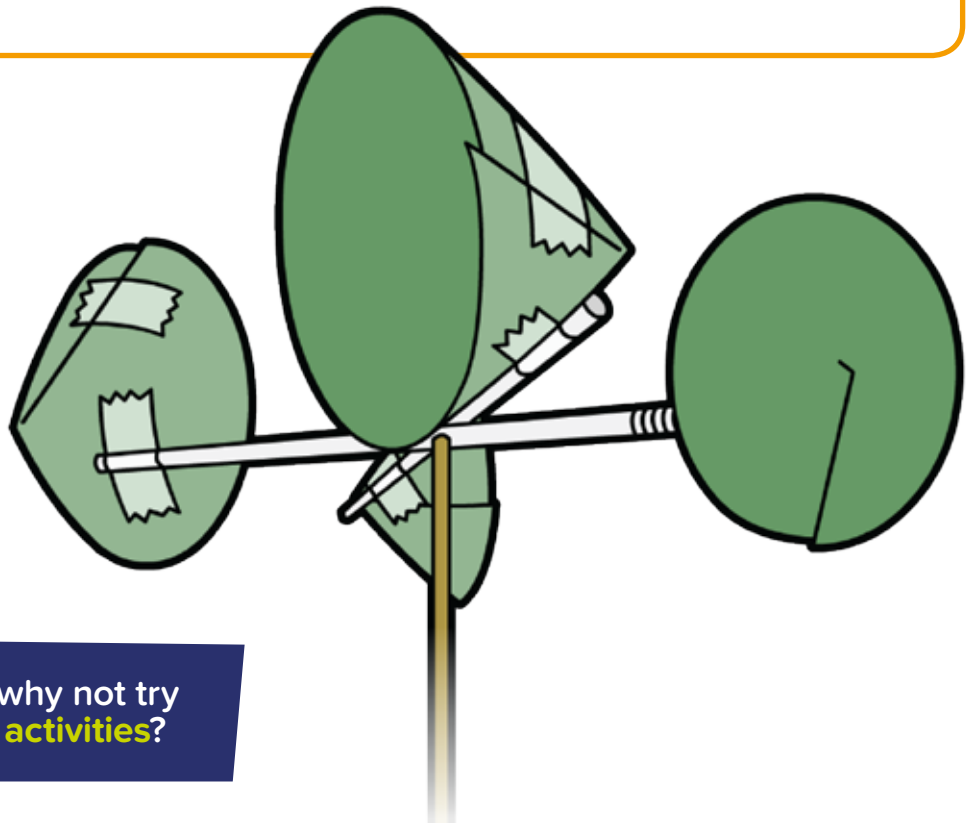


How to make an anemometer

An anemometer measures how fast the wind is blowing. You can make one using basic materials such as: paper, drinking straws, bamboo skewers, sticky tape and blue tack. These instructions are for making an anemometer that rotates horizontally.

Instructions

1. Draw four circles that are 10cm in diameter on a piece of paper. Draw a straight line from the centre to the edge of each circle
2. Cut out the circles and cut down the line from the edge to the centre of each circle.
3. Pull each circle into a cone shape with a diameter of approximately 7cm and secure with a piece of sticky tape.
4. Take two drinking straws and use sticky tape to secure them in an 'X' shape.
5. Use a sharp pencil to make a hole through the point where the two straws cross.
6. Use sticky tape to attach the cones to the ends of the straws, ensuring that all the cones are facing the same direction, either clockwise or anti-clockwise.
7. Form a handle for the anemometer by pushing a bamboo skewer through the hole in the centre of the straws.
8. Use a piece of blue tack to cover the sharp end of the skewer, ensuring that the device can still rotate.



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