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Make an anemometer

Category Activities

Badge Scientist

Time to allocate (mins) 15

Outcome This tool measures how fast the wind is blowing.

Cup with lid

4 cups

Resources

Straws

Pin

Tape

Marker

Instructions

How to make one: *Make the base*, as described in the weather vane instructions. *Make the top:* Take four dixie cups. Punch two holes in each, across from each other. Then take two straws. Make a plus sign (+) with the two straws. Poke a pin through the center of both straws, and then tape them together. Slide a cup on each straw end. Make sure they're all facing the same way around the circle. Mark one cup in some way (like choose a different color cup, or mark an X on it.)

To use: Fill the cup with water, then put this outside in the wind. Each time the marked cup passes you, count one rotation. Set a timer for one minute and see how many times it rotates in one minute.

Entry written by Sharon Venn of 1st Randburg