

# MAKER JOURNAL

Name: \_\_\_\_\_

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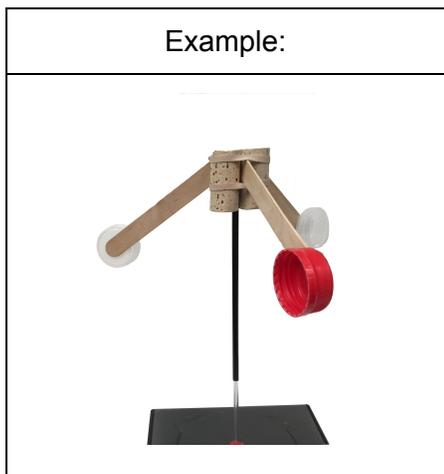
Project/Unit: Design a Weather Instrument

Lesson: Design Challenge, Ideate

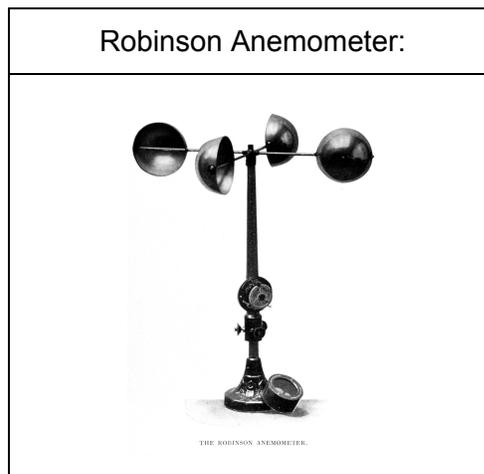
## Anemometer (spinning style)

How it works	Anemometers are used to determine wind speed. One way to measure wind speed is to record how fast the wind will make something spin.
Criteria & Constraints	Spins freely Has method for counting number of rotations
Tips	Ensure the spinning part is light enough to move with minimal wind. Create a sturdy base support.
Material Suggestions	Light wind-catching objects (spoon/cup/cap) Pivot point - 2 straws of different diameters or pipette and straw/stick

Example:



Robinson Anemometer:


*Draw your anemometer design:*
*What materials will you need?*
*How will you measure distance or rotations?*