



# Design a Pinwheel

## See the wind at work!

Scientists use an anemometer to measure wind. It works just like a pinwheel! Measure and record the wind speed like Lily Hunter does using a pinwheel.

Make sure to decorate only one section of the pinwheel with your favorite weather-related activity (like flying a kite, jumping in puddles) so you know when your pinwheel has spun one full time around.

### Instructions

1. Decorate one section of the pinwheel.
2. Cut out the pinwheel along the dashed lines.
3. Use the thumbtack to poke holes in the center of the pinwheel and in the four corners. Twist the pin.
4. Curl tips to center point.
5. Insert the thumbtack through the hole and into the eraser of the pencil.

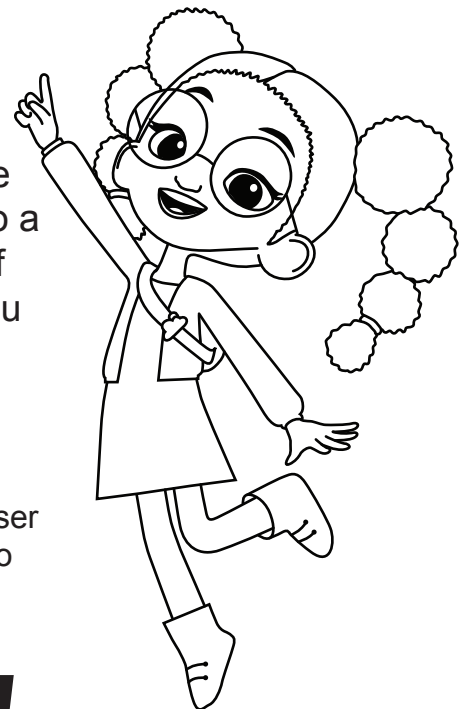
### Materials

- crayons
- blunt tip scissors
- pencil
- thumbtack

### Extend the Learning

Have a grown-up set a timer for one minute. Try and count the number of times the pinwheel spins. (Note: It might be difficult to count the number of times the pinwheel spins one full time around if it is very windy!) Now take the pinwheel to a place that has more wind or less wind. Count the number of spins and compare the number of times it spins. How do you know what place was the windiest?

**Tips:** To help your pinwheel spin better, push the thumbtack into the eraser at a slight angle so the paper does not touch the pencil. You might also add a tiny bead or button at the head of the pin to reduce friction.



For more activities, visit: [pbs.org/parents](https://pbs.org/parents)

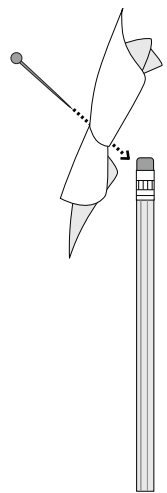
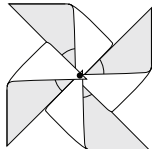
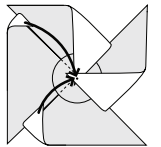
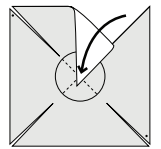
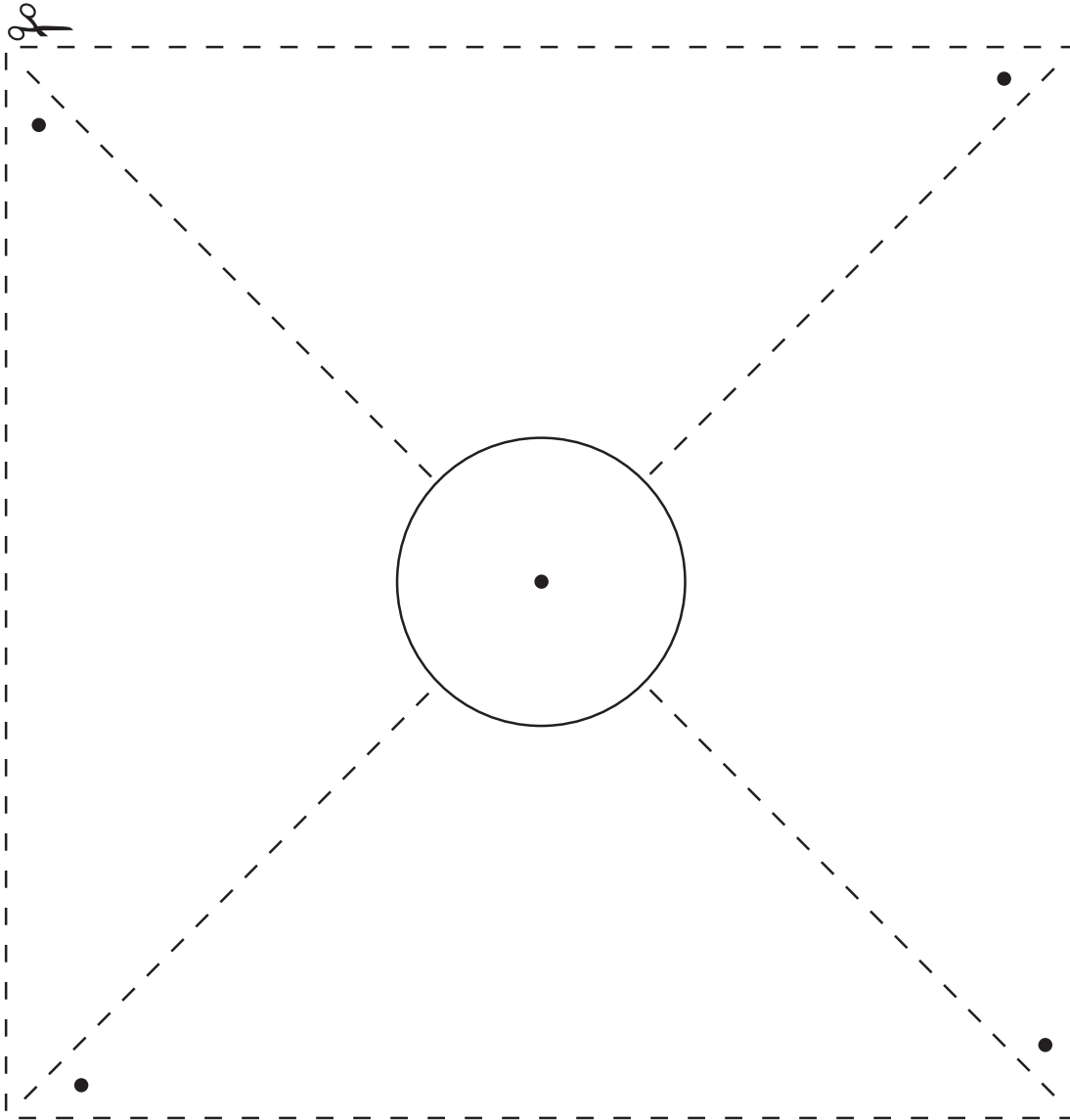


# Design a Pinwheel

See the wind at work!

## Instructions

1. Decorate one section of the pinwheel.
2. Cut out the pinwheel along the dashed lines.
3. Use the thumbtack to poke holes in the center of the pinwheel and in the four corners. Twist the pin.
4. Curl tips to center point.
5. Insert the thumbtack through the hole and into the eraser of the pencil.



For more activities, visit:

[pbs.org/parents](https://pbs.org/parents)