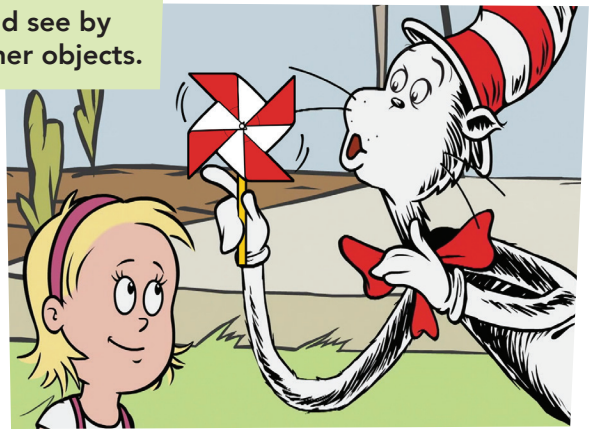
The Cat in the Hat Pinwheel

THE CAT IN THE HAT Knows a Lot About That!

See the wind at work!

Are you a big fan of the wind, like the Cat?
Make a pinwheel and explore the wind's *wind-erful* power!

Wind is moving air that we can feel, hear, and see by how it moves other objects.



Materials

- Pinwheel printable (see next page)
- Pencil with eraser
- Straight pin or push pin
- Small bead or button (optional)

Instructions

With an adult's help, follow these steps:

1. Cut out the pinwheel along the dashed lines.
2. Use a pin to poke holes through the black dots on each tip and at the center.
3. Gently curl—without folding—each tip into the center point.
4. Carefully insert the pin through the five holes and push into the pencil eraser.
5. Blow the pinwheel and watch it spin.

Explore the Wind

1. Compare your own blowing to that of a fan on your pinwheel. What happens to the pinwheel? What happens if you turn your pinwheel sideways?
2. Run with your pinwheel—fast and slow, then up and down. How does the pinwheel's motion change? Why does it change?
3. Put the pinwheel in front of you—facing outward—and have a friend or family member blow on it. Close your eyes. What other senses tell you that air is moving? Can you hear or feel anything?
4. **The Cat's Challenge for Older Kids:** Can you count how many spins the pinwheel makes in ten seconds? Try your breath, a fan on high and low, or the wind outside! What did you notice?

Find related games in the FREE *The Cat in the Hat Builds That* app. Download it now!

pbskids.org/catinthehat

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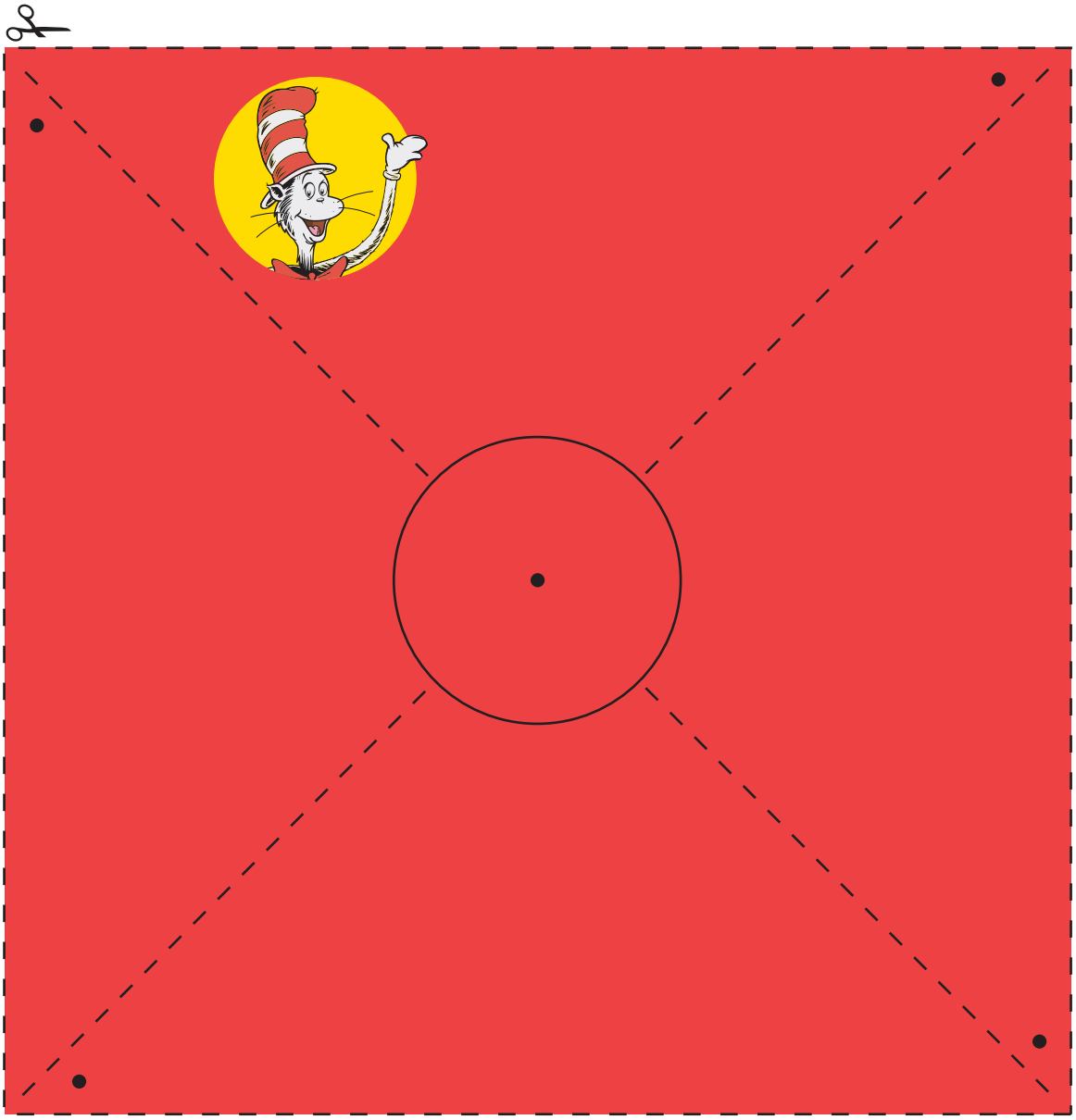

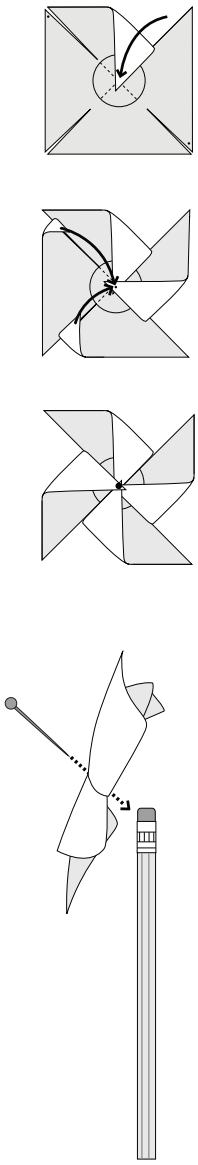

1. Cut on the dashed lines.
2. Poke a hole through the black dots.
3. Curl tips to center point.
4. Insert the pin through the holes and into the eraser.

Tip:

To help your pinwheel spin better, push the pin into the eraser at a slight angle so the paper doesn't touch the pencil. You might also add a tiny bead or button at the head of the pin to reduce friction.