

What Resources Do People Use?

After discussing renewable and nonrenewable resources, this is an activity that can help lead to a discussion as to what other roles air can play in our daily life and how it is often overlooked as a resource.

What you need:

- [pinwheel pattern](#) – courtesy of Jan Brett website
- scissors
- new unsharpened pencil
- pushpin

What to do

- Cut out pinwheel along the solid lines of the pinwheel pattern.
- Cut along the dashed lines STOPPING at the OUTSIDE of the circle in the middle. It is important that they do not cut all the way to the middle or the pinwheel will fall apart.
- Put a pushpin through the four dots and the center circle. Then put it into the eraser of a pencil.
- OBSERVE: Blow lightly on the pinwheel. Then blow hard. Observe what happens.

Think and write:

- INFER: What made the pinwheel spin?
- COMPARE: How did the pinwheel move differently each time you blew? Why?

Guided Inquiry

- EXPERIMENT: Plan and try other ways to make the pinwheel spin. Observe how fast it spins each time. Share your results.
- Teacher's note: have students make a list of things that cause air to move, such as a fan, a hair dryer, or a sheet of paper waved up and down.

Evaluate: Informal assessment: *Is the force that is moving the air a push or a pull?* (a push)

GLE 0207.7.3 Differentiate between renewable and non-renewable resources.

