



WIND TURBINE

Grades TK-8

CONSTRUCT YOUR OWN WIND TURBINE

Students make their very own wind turbine.

STEM TIME

40-60 min

Materials:

- construction paper
- 6" paper plates or construction paper circle
- ¾" paper fastener
- hole punch
- scissors
- paint and paintbrushes and/or markers
- tape
- pony bead
- ruler

Wind turbine

Say: "Today we are going to make our very own miniature wind turbines just like the wind turbine William made in the story [The Boy Who Harnessed the Wind!](#)"

Instructions:

1. Paint or color both sides of the paper plate. Let dry. Add details.
2. Roll your construction paper into a long tube about 1" in diameter. Secure with tape.
3. Determine the center of your plate and mark it.
4. Using a pencil and ruler, lightly draw across your plate resembling pizza slices. Use these lines as guides to cut out thin slices from your plate, stopping at least ½" from center.
5. Punch a hole in the center of the windmill and a hole in the tube about 1" from the top.
6. Insert the paper fastener through the windmill. Place the bead on the fastener behind the windmill. This will help it spin. Now attach the fastener to the tube.

