

Renewable Energy Projects

Name: _____

Date: _____

Follow the steps below and answer the questions on this worksheet.

Wind Turbine

Materials Needed:

- Paper
- Paper towel roll
- Cardboard
- Scissors
- Glue or tape
- A small fan or blowing to simulate wind

Steps:

- 1) Cut out 4 blades from a piece of paper.
- 2) Attach the blades to one end of the paper towel roll to form a turbine.
- 3) Secure the paper towel roll to a piece of cardboard to act as the base.
- 4) Place the wind turbine in front of a small fan or blow on it to see the blades spin!

Worksheet Questions

1. What is wind energy?

2. What part of the wind turbine spins when the wind blows?

3. How can wind help create electricity?

4. Can you think of other ways we can get energy from nature?

5. Why is it important to use renewable energy like wind?

6. Draw a picture of your wind turbine project on the back of this sheet!