DoodleBeez Worksheets

Grades 6 to 8 | Science

Name: Date: Score: / 8

Renewable Energy Tech: Learn and Practice

Solar panels, wind turbines and more.

Read each question. Circle the best answer.

💡 Renewable Energy

- Renewable energy comes from sources nature keeps replacing, like sunlight, wind and moving water.
- Devices change these sources into electricity.
- Each technology has benefits and limits.
- wind spins turbine blades: generator: electricity

1 What spins the blades of a wind turbine?

A. Sunlight B. Moving air C. Magnets alone D. Burning coal

2 🌬️ Which energy source is renewable?

A. Natural gas B. Oil C. Coal D. Wind

3 Why are batteries useful with solar and wind power?

A. They store energy for later B. They speed up wind C. They make sunlight D. They burn fuel

4 Hydroelectric power is made from what?

A. Sunlight on leaves B. Ocean salt C. Moving water D. Burning wood

5 ☀️ What does a solar panel change into electricity?

A. Heat from the ground B. Sunlight C. Wind D. Flowing water

6 Which place is best for a wind farm?

A. Underground B. A deep valley with still air C. Open land with steady winds D. Inside a thick forest

7 Why do solar panels make less electricity on cloudy days?

A. Panels stop working when cold

B. Less sunlight reaches them

C. Wind blows them over D. Clouds are wet

8 What is geothermal energy?

A. Heat from inside Earth B. Energy from the Moon C. Energy from coal D. Energy from wind

ANSWER KEY

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