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Olympiads
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CREST Science Olympiad (CSO) Worksheet *for*

Class 4



Topic

Natural Resources



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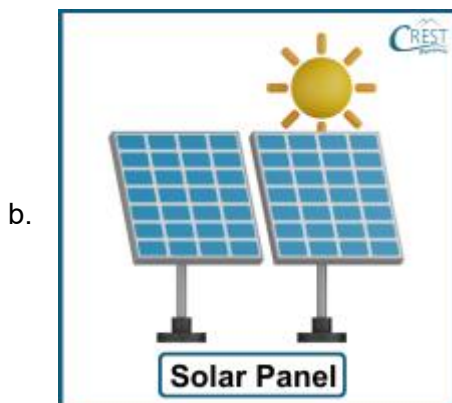
info@crestolympiads.com



+91-98182-94134

Worksheet on Natural Resources

1. Which of the following is an application of renewable energy?
 - a. Burning coal for electricity
 - b. Using wind turbines to generate electricity
 - c. Extracting natural gas for heating
 - d. Using petrol for transportation
2. What is the main difference between renewable and non-renewable sources of energy?
 - a. Renewable sources can be replaced quickly, while non-renewable sources cannot.
 - b. Renewable sources are harmful to the environment, while non-renewable sources are not.
 - c. Renewable sources are made by humans, while non-renewable sources are natural.
 - d. Renewable sources are cheaper than non-renewable sources.
3. A student wants to investigate the effectiveness of solar energy in heating water. Which of the following materials would be best to use in the experiment?



c.



Wind Turbine

d.



Gas Stove

4. Which of the following is an example of a non-renewable energy source?

- a. Hydroelectric power
- b. Wind turbines
- c. Natural Gas
- d. Tidal energy

5. Why is it important to take care of the environment and use renewable sources of energy?

- a. They are cheaper than non-renewable sources.
- b. They are easier to find and extract.
- c. They have a longer lifespan than non-renewable sources.
- d. They help reduce pollution and protect our health.

Answer Key

1. b - Using wind turbines to generate electricity is an example of a renewable energy application. Wind turbines use the power of the wind to produce electricity, helping to reduce pollution and protect the environment.
2. a - The main difference between renewable and non-renewable sources of energy is that renewable sources can be replenished or replaced naturally or through human efforts over a relatively short period of time, while non-renewable sources cannot.
3. b - Solar panels are specifically designed to convert sunlight into usable energy, making them ideal for harnessing solar energy to heat water.
4. c - Natural gas is a fossil fuel formed from the remains of ancient plants and animals and is considered a non-renewable resource.
5. d - It is important to take care of the environment and use renewable sources of energy because they help reduce pollution and protect our health.

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