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Activities

Renewable Energy

Name: _____ Date: _____

Renewable energy sources can be used over and over again. In this Planet Diary activity you'll find out about the different kinds. You'll also learn how they can help reduce our dependence on non-renewable fossil fuels linked to global warming.

Directions

- Visit Energy Kids' to get the scoop on Energy Sources. Click solar energy from the list of renewable sources. Read *Energy From the Sun*. Answer Workspace question 1.
- Continue to geothermal energy. Explore the information, then answer question 2.
- Biomass is another great renewable source. Read *Energy From Plant and Animal Matter* and study the diagram *Types of Biomass*. Answer question 3.
- Wind blows for free and is just about everywhere. Answer question 4.
- Hydropower is the renewable source used the most. Find out how hydropower works, then answer the last two questions.

Workspace

1. How is solar energy used to make electricity?

2. What is geothermal energy?

3. What is biomass? List five sources of it.

4. What causes wind?

5. How does water generate electricity?

6. Which renewable sources of energy are best suited for your region? Defend your answer.

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