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Activities

Energy from Magma

Name: _____ Date: _____

Earth's crust floats on an ocean of molten magma, a great heat source. This heat rises to the surface through geysers, hot springs, and fumaroles. It can also be tapped to create geothermal energy. You'll find out more in this Planet Diary activity.

Directions

- How does heat energy from the magma become geothermal energy? Read *Geothermal Basics*, then answer questions 1 and 2.
- Scroll to *Where Geothermal Energy is Found*. Use the text and maps to answer question 3.
- Yellowstone National Park is famous for its geothermal activity. Read the paragraph, then scroll to the list of features. Click to learn more:
  - Hot springs
  - Mudpots
  - Fumaroles
  - Geysers
- Summarize how Yellowstone's geothermal features form in the table for question 4.

Workspace

1. Where does the word *geothermal* come from?

2. What are the uses of geothermal energy?

3. Where are most geothermal resources found in the United States?

4.

Feature	How It Forms
Hot springs	
Mudpots	
Fumaroles	
Geysers	

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