

## Team Questions: Yellowstone Hotspot

Assignment: Create a presentation that tells the story of the Yellowstone Hotspot. You will share your presentation with your classmates in small groups.

After everyone has read over their information, select one person to lead your group in creating a geological time line of events in Yellowstone National Park.

Below are focus questions to answer for each team member/specialist. Write the name of each team member on the appropriate line and answer the questions in your notebook.

### SPECIALIST FOCUS QUESTIONS

**Geologist:** \_\_\_\_\_

How do the major geothermal features in Yellowstone work?

What is the historic path of the Yellowstone Hotspot?

**Seismologist:** \_\_\_\_\_

What is a hotspot?

Where in the world are the major hotspots?

**Volcanologist:** \_\_\_\_\_

How have major eruptions in the past impacted Earth?

When did the supervolcano erupt? When could it erupt again?

**Renewable Energy Consultant:** \_\_\_\_\_

How does geothermal energy compare to other natural resources?

What are the pros and cons of tapping into geothermal energy in Yellowstone National Park?

#### PRESENTATION RULES:

You may use resource materials, including reading materials, charts, graphs, and pictures, but you must follow these two simple rules:

1. When using pictures, charts, or graphs, create informative captions written in complete sentences.

2. When using research material that is written in complete sentences, reorganize it for your presentation into a. drawings, charts, tables, or bullets that do NOT have complete sentences, and/or b. rewritten text that better contributes to the overall story.

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