

# Geothermal Greatness

## Project Plan Guide

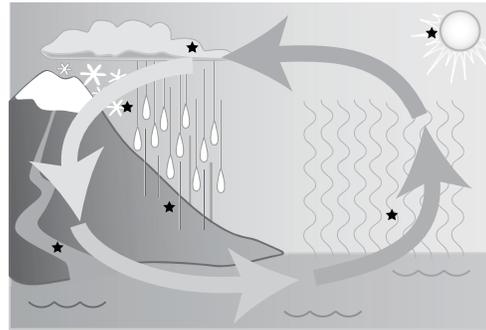
Name \_\_\_\_\_

Choose one of the six projects listed below to tell more about the geothermal features that can be found in our national parks and forests. Use your completed worksheets as a guide. *Be sure to include color diagrams, explanations, locations, and interesting facts for each.*

- **Multimedia presentation:** Explain the various types of geothermals and present to your class.
- **Picture book:** Create 8 to 10 drawings and diagrams with 3 or 4 sentences about each and share the book with students in a younger class.
- **Oral report:** Present a 1- or 2-minute oral report detailing the various aspects of geothermals.
- **Mural and map:** Create a mural on construction paper using any media you choose. Highlight the key parts of geothermals. Include a color map of the United States showing their locations.
- **Simulation:** Create a model to demonstrate how geysers and hot springs work.
- **Timeline:** Create a timeline of national park volcanic geothermic eruptions with visuals and a vocabulary crossword puzzle.

### Worksheets to Complete and Hand In

- \_\_\_ The Water Cycle
- \_\_\_ How Does It All Happen?
- \_\_\_ Tell Us More!
- \_\_\_ Geothermal Greatness



### Geothermal Rubric

Project	4	3	2	1	Self	Teacher
<b>Quality</b>	Very well-executed.	Well-executed.	Not well-executed.	Sloppily executed.		
<b>Creativity</b>	Great use of color; neat and very easy to read.	Good use of color; neat and easy to read.	Color was used; somewhat neat and legible.	Some color was used; sloppy and illegible in places.		
<b>Design</b>	Graphics were extremely accurate and detailed.	Graphics were accurate and had some detail.	Some graphics were included and were labeled.	Few graphics were included with labels.		
<b>Following Directions</b>	All directions were followed and all components were included.	Most directions were followed and most components were included.	Some directions were followed and some components were included.	Few directions were followed and few components were included.		
<b>Time and Effort</b>	Class time was used wisely. Much effort was used.	Class time was used wisely, good effort is evident.	Class time was not always used wisely. Effort was fair.	Class time was not used wisely. Little effort is evident.		
<b>Completeness and accuracy</b>	Complete and accurate in all areas	Project was nearly complete and accurate.	Somewhat complete and accurate.	Project was incomplete and inaccurate.		
<b>Oral Presentation</b>	Clear, audible, confident	Mostly clear, audible, confident	Somewhat clear, audible, confident	Not clear, audible, or confident		
<b>Preparedness</b>	Student was well-prepared.	Student was fairly prepared.	Student was somewhat prepared.	Student did not seem prepared.		
<b>Content</b>	Showed full topic understanding.	Showed good topic understanding.	Showed partial topic understanding.	Showed little topic understanding.		
<b>Totals</b>	<b>36</b>	<b>27</b>	<b>18</b>	<b>9</b>		