

Name: _____

Date: _____

Volcano Research Project

Grade 7 Science

Objective: To research one volcano from anywhere on Earth, and become an expert on that volcano and the processes that form it.

Directions: You will choose a specific volcano and, using the internet, research information pertaining to the questions posed below.

Requirements: You will create a poster OR powerpoint for your volcano. Neatness and creativity will count towards the grade. If the poster looks like little to no effort has been put into it, your grade will reflect that. All questions must be researched and answered on the poster for full credit. At least 6 pictures of your volcano are required.

Questions to answer:

1. What is the name of your volcano and where on the planet is it found? What type of volcano is it? How does this type of volcano form?
2. Is it associated with a specific plate boundary? If so, what type of plate boundary is it associated with? Where on the planet is this plate boundary located?
3. What is happening in the Earth's crust (at that plate boundary) that forms this volcano?
4. When did it erupt last? How often does it erupt?
5. Is it found in a populated area? If so, how does it affect the people that live near it?
6. Is it a dangerous volcano? What type of magma (mafic, felsic, etc...) does it produce? How fast can the magma flow? What causes it to be either explosive or nonexplosive?
7. What are the precautions and emergency procedures that take place before and during a volcanic eruption? Are there any other natural disasters (long and short term) that can occur due to a volcanic eruption?
8. Have there been any major fatalities associated with the eruption of this volcano in the past?
9. Can scientists predict a volcanic eruption? If so, how? What pieces of information do they use to help them make these predictions?

Name: _____ Period: _____ Date: _____

<http://www.volcanodiscovery.com/>

<http://geology.com/volcanoes/>

<http://science.nationalgeographic.com/science/>

Requirements Rubric

Section	Requirement	Grade	Points Possible
Research	Where, When and How		60
	Description of Damage		
	History of the volcano's eruptions		
	Most famous eruption from this volcano and its effects		
	Measures of safety that have been taken for this volcano		
	Benefits of this volcano for the area		
	Additional information		
	Accuracy	History of the Volcano	
	Damage caused by the volcano		
	Additional Facts		
	Benefits derived from the volcano		
	Safety measures taken by local populations		
Organization	Time & Preparation are evident		10
	Grammar & Punctuation		
Bibliography	At least 3 sources		10
	Properly listed		
	Web Resources (2 or more)		
	Book Resource (1 or more)		
Total			100