

# Volcano Research Project

Goal: To become an expert on a specific volcano and the processes that form it.

**Parts to the Project:**

- A. Research
- B. Poster Board Presentation
- C. Model
- D. Presentation of Learning

Name(s): \_\_\_\_\_

Volcano Chosen: \_\_\_\_\_

<p><b>Part A: Research</b></p> <ol style="list-style-type: none"> <li>1. Compare and Contrast the Three Types of Volcanoes             <ol style="list-style-type: none"> <li>a) Composite/Stratovolcano</li> <li>b) Shield Volcano</li> <li>c) Cinder Cone</li> </ol> </li> <li>2. Research on your chosen volcano (chosen from list provided)             <ol style="list-style-type: none"> <li>a) See the guiding questions on the back to help with organizing your research.</li> </ol> </li> </ol>	<p><b>/30 MARKS</b></p>
<p><b>Part B: Poster Presentation</b></p> <p>Project Title (appropriate font size, typed, spelling, capitals where needed)</p> <p>Headings (appropriate font size, typed, spelling, capitals where needed)</p> <p>Paragraphs (typed, left justified, spelling and appropriate font size)</p> <p>Diagrams (size, colour detailed, titled)</p> <p>Good use of poster board (no big blank spaces, organized layout)</p> <p>Professional looking</p> <p>Bibliography (proper format) place on back of project</p>	<p><b>/30 MARKS</b></p>
<p><b>Part C: Model</b></p> <p>3D model representing your type of volcano</p> <p>Parts of the volcano labelled</p> <p>Must be created by you and not purchased</p> <p>Needs to be created at home</p>	<p><b>/50 MARKS</b></p>
<p><b>Part D: Presentation of Learning</b></p> <p>Your project will be displayed in the school for others to look at.</p> <p>You will be given an opportunity to communicate your understanding of the research.</p>	<p><b>/20 MARKS</b></p>

**TOTAL:                    /130**

This sheet must be handed in when the project is due. One sheet per group.

## ***Volcano Project: Research Guidance***

Here are some questions to guide you during your research. DO NOT LIMIT YOUR RESEARCH TO JUST THESE QUESTIONS! If you come across something interesting during your research, include it and explore it further to add to your project.

Name of your volcano

Picture of your volcano

The geographic location of your volcano (map?)

Type of volcano

- What are the characteristics of this type of volcano? (diagram)
- How does this type of volcano form?

Is this volcano 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 that forms this volcano?
- What is happening at this plate boundary that forms this volcano?

When did it erupt last? How often does it erupt? History of eruptions

Is it a dangerous volcano? Why? What causes it to be either explosive or nonexplosive?

Types of pyroclastic material

Have there been any major fatalities associated with the eruption of this volcano?

Interesting facts?