

Name _____

The Fiery Fury: How Volcanic Eruptions Occur

Open-Ended Response Questions

1. Compare and contrast explosive eruptions and effusive eruptions, including their characteristics, magma types, and potential hazards.
2. Imagine you are a volcanologist studying a volcano with a history of explosive eruptions. Describe the steps you would take to monitor the volcano and provide early warnings to the surrounding community.
3. Discuss the environmental and societal impacts of volcanic eruptions, including the potential hazards and benefits they bring to the affected regions.
4. How does the study of volcanic eruptions contribute to our understanding of Earth's geology and the dynamic processes occurring beneath the planet's surface?

