

Name:

Per:

Integrated Science: Volcanoes and Mountains

Unit Objectives:

By the time this unit is over, you should be able to:

- Describe the differences between Composite and Shield volcano including their structure, types of eruptions, lava and tephra.
- Explain what is meant by viscosity and how that relates to magma
- Explain why some volcanoes have violent eruptions and others do not
- Describe the types and dangers of tephra
- Explain the differences between a volcano and mountain
- Describe the two main processes for mountain building: folding and faulting
- Read and construct topographic maps

Vocabulary:

Volcano

Composite

Shield

Lava

Magma

Tephra

Ash

Volcanic Bomb

Folding

Faulting

Mountain

Topographic Map