



Name: \_\_\_\_\_ #: \_\_\_\_\_

Date: \_\_\_\_\_

Section: \_\_\_\_\_ HR: \_\_\_\_\_

## Chapter 3 Section 3 Study Guide: Volcanic Landforms

### Discover (page 103)

#### How Can Volcanic Activity Change Earth's Surface?

#### Think It Over

#### Making Models

This activity models one of the ways in which volcanic activity can cause a mountain to form. What do you think the sand represents? What does the balloon represent?

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#### Landforms From Lava and Ash

shield volcano: \_\_\_\_\_

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cinder cone: \_\_\_\_\_

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composite volcano: \_\_\_\_\_

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caldera: \_\_\_\_\_

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#### Figure 11 Developing hypotheses (page 104)

Develop a hypothesis to explain the formation of Wizard Island, the small island in Crater Lake?

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#### Checkpoint (page 104)

What are the three types of volcanic mountains?

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**Guide For Reading**

What landforms does lava create on Earth's surface? Explain how each landform is formed.

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**Soils From Lava and Ash**

**Checkpoint (page 106)**

How does volcanic soil form?

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**Landforms From Magma**

volcanic neck: \_\_\_\_\_

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dike: \_\_\_\_\_

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sill: \_\_\_\_\_

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**Figure 12 Compare and Contrast (page 106)**

What is the difference between a dike and a sill?

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batholith: \_\_\_\_\_

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**Guide For Reading**

How does magma that hardens beneath the surface create landforms?

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