

Name \_\_\_\_\_

Period \_\_\_\_\_

Date \_\_\_\_\_

UNIT 3 | HANDOUT \_\_\_\_\_

### Igneous Rock Identification Activity

**Purpose:** To apply our knowledge of classification of igneous rocks.

**Research:** Answer the following questions before starting.

1. What are the four grain sizes for igneous rock? \_\_\_\_\_  
\_\_\_\_\_
2. What is the origin of each grain size?
  - a. \_\_\_\_\_  
\_\_\_\_\_
  - b. \_\_\_\_\_  
\_\_\_\_\_
  - c. \_\_\_\_\_  
\_\_\_\_\_
  - d. \_\_\_\_\_  
\_\_\_\_\_
3. How can you tell the amount of silica in an igneous rock just by looking at it?  
\_\_\_\_\_  
\_\_\_\_\_

**Procedure:** Below is a table with missing information. Figure out what rock goes into each space. Visit [7bscience.com/rocks.html](http://7bscience.com/rocks.html) to view the pictures of the rocks you need to fill in the table.

	Coarse Grained	Fine Grained	Glassy (NVG)
Low Silica			X
Intermediate Silica			
High Silica			