



Name: _____ #: _____

Date: _____

Section: _____ HR: _____

Chapter 5 Section 1 Study Guide: Classifying Rocks

How Geologists Classify Rocks

Rock forms what 5 features of Earth's surface?

1. _____
2. _____
3. _____
4. _____
5. _____

Rock-

What must a geologist observe when examining a rock sample?

1. _____
2. _____
3. _____

Texture

texture -

Examples of rock textures

1. _____
2. _____
3. _____
4. _____

grains -	<ul style="list-style-type: none">• A rock's grain give the rock its texture• Grains are caused by:<ol style="list-style-type: none">1. _____2. _____
4 terms geologists use to describe a rock's texture	<ol style="list-style-type: none">1. _____2. _____3. _____4. _____
Grain Size Describe a rock that is coarsely - grained.	_____ _____ _____
A rock that has grains that can only be seen under a microscope are said to be?	_____ _____
Grain Shape The two ways that rocks get their grain shape	<ol style="list-style-type: none">1. _____ _____ _____2. _____ _____ _____
Grain Pattern The grain patterns that a rock can form	<ol style="list-style-type: none">1. _____2. _____3. _____

No Visible Grain

Why may some rocks have no grain pattern?

Mineral Composition

What methods do geologists use to determine?

Origin

The three major groups of rocks:

1. _____
2. _____
3. _____

Igneous rock-

Sedimentary rock-

Metamorphic rock-
