

Name \_\_\_\_\_ Rock Quiz Date: \_\_\_\_\_



**Study this sheet and you will be ready for the rock quiz.**

You will need to fill in the blank:

- Rocks are made of minerals.
- Three things that change rocks are wind, water, and chemicals.
- Color, hardness, and shape are examples of properties.
- When rock pieces are carried to a different place by wind, water, or ice it is called erosion.
- Rocks are broken into smaller pieces by a process called weathering.

**Be able to match the type of rock with the description.**

**Igneous** - rocks formed from melted rock cooling – many come from volcanoes erupting.

**Sedimentary** – rocks formed from weathered rock pieces that become stuck together.

**Metamorphic** – rocks formed underground from heat and pressure.

**Short answer questions will be on the quiz.**

**Your answers will all be a little different. Remember to write as much as you know.**

1. What information about rocks and minerals would a geologist be interested in?

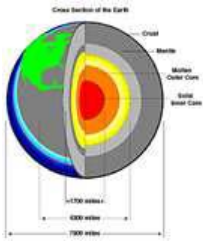
Sample answer: They want to find out about history and formation of our earth.

2. Are all rocks formed long ago, with no new rocks being made?

Sample answer: Earth's rocks are continually undergoing change. We still have volcanoes on our planet that will create igneous rocks. We still have oceans and lakes that will someday have sedimentary rocks. The rock cycle is an ongoing process.

3. Describe sedimentary rocks. You will have a word bank to help you.

Rocks with layers are called sedimentary rocks. Some were formed long ago in lakes or oceans when sediment (sand, clay, and mud) settled in layers. After a long time, these layers piled up and stuck together. Sometimes plants, bones, or seashells got caught in these layers. We can sometimes see the evidence of these materials in sedimentary rock. We call this evidence fossils.



Be ready to : Label 4 layers of the Earth on the diagram.

crust    mantle    outer core    inner core

