

Name: _____

Date: _____

After completing your rock collection, work on the following:

Identifying rock types. As you go through the questions, write down a characteristic and type of rock after each name.

Marble -

Conglomerate -

Obsidian -

Limestone -

Gneiss -

Move on to "How Rocks Change"

Read the first few paragraphs and fill in the blanks.

All rocks, in fact, _____ again and again.
This is called the _____!

The way rocks change _____ on various
_____ that are _____ taking place
_____ and _____ the earth's surface.

Bonus question - what sphere does the rock cycle take place in?

Atmosphere

Hydrosphere

Geosphere

Biosphere

Press Start on the Heat and Pressure animation.

How does pressure affect the rock? Write down what you observe.

How does heat affect the rock? Write down what you observe.

Go on to “How Rocks Change”

Press the button to start the melting animation.
What happens to the rock when it melts?

Press the button for cooling.
What happens when the rock cools?

Press Next.

What happens during weathering and erosion?

What happens during compaction and cementation?

Go on the “Transform the Rock”
Complete the quiz by pulling up the square that best represents the process.
Complete the sentences below as you are working.

Sediments + _____ = Conglomerate

Limestone + _____ = Marble

Obsidian + _____ = Sediment

Gneiss + _____ = Magma

Almost done!!

The Rock Cycle Diagram

Using the template I gave you, use the screen diagram to help you fill in the missing parts of the rock cycle.

Scroll over Igneous. List 3 types of Igneous Rocks.

- 1.
- 2.
- 3.

Scroll over Sedimentary. List 3 types of Sedimentary Rocks.

- 1.
- 2.
- 3.

Scroll over Metamorphic. List 3 types of Metamorphic Rocks.

- 1.
- 2.
- 3.

Do the rock cycle quiz before moving on.

Once you get to the final chapter, fill your name in and take the quiz. Write down your score here _____.

Nice work!!!