

Name _____ Date _____ Div _____

Rock Cycle Web Assignment

Directions:

1. Go on to The Rock Cycle Interactive @ <http://www.learner.org/interactives/rockcycle/index.html>
2. Create a rock collection as you learn about the three main types of rock.
3. Find out how to tell the different rock types apart
4. See how rocks change from one type into another!

Types of Rocks: Rocks are not all the same!

Directions: Read the descriptions about the different rock types and fill in the tables below.

Fill in: The three main types, or classes, of rock are _____, _____, and _____.
The differences among them have to do with how they are _____.

Sedimentary

A. How are they formed?	B. What are they made of?	C. Examples:

Metamorphic

A. How are they formed?	B. What are they made of?	C. Examples:

Igneous

A. How are they formed?	B. What are they made of?	C. Examples:

Your Rock Collection:

Build your collection by clicking on the rocks and reading about their characteristics. Answer the questions about your rocks below and fill in the rock collection to the right at the end →

1. Which Rock has “Ribbon-Like Layers”?

2. Which rock is made of pebbles and stones pressed together by water or waves?







3. Which rock has a glassy surface?

4. Which Rock contains fossils?

Type

Rock Collection

Examples:

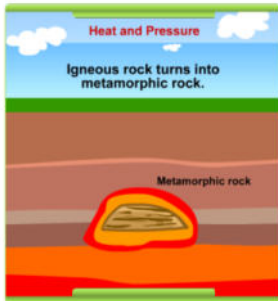
Identify Rock Types:

5. Take the Quiz: What was your score? _____

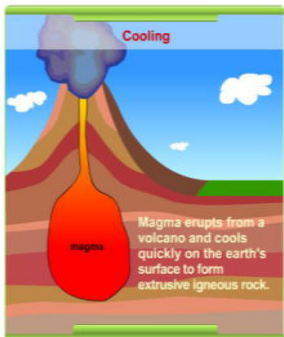
**If you got a 5 or lower, you should review the material and try again.*

How Rocks Change:

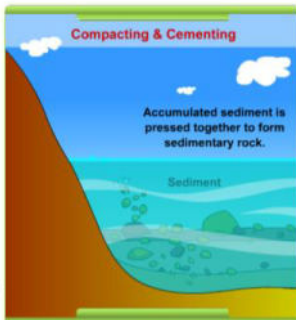
Read the information provided and watch the animations then answer the questions below.



6. How is making a metamorphic rock like making a cookie?



7. How is Melting and Cooling of Rock like a Chocolate Bar?



8. What are 2 things in the environment that cause weathering and erosion?

9. What happens to sediment during compaction and cementation?

Transform the Rock

10. Take the Quiz: What was your score? _____

**If you got a 9 or lower, you should review the material and try again.*

Rock Cycle Diagram

11. Take the Quiz: What was your score? _____

**If you got a 5 or lower, you should review the material and try again.*

12. Take the Final Test write your final score here. _____

