

Name: _____

Rock Cycle Interactive

- Go to the following website: <http://www.learner.org/interactives/rockcycle/index.html>
- Click on "Begin with Types of Rocks". Read over the description of Igneous, Metamorphic and Sedimentary rocks. Then scroll to the bottom and examine the "What to look for" chart!
- Write down the six clues below:
 - _____
 - _____
 - _____
 - _____
 - _____
 - _____
- Then click "Next: Start your collection". Click Begin. Click on each of the six rocks to identify them and read a brief description.

Name of Rock	Share <u>two</u> facts about this rock!	Igneous, Metamorphic or Sedimentary? (Do your best to use your knowledge to classify each rock!)
1. _____		
2. _____		
3. _____		
4. _____		
5. _____		
6. _____		

5. Now click "Next: Identify Rock Types" and read the directions for how to play.

Characteristic	Type of Rock		
	(circle one)		
	Igneous	Metamorphic	Sedimentary
	Igneous	Metamorphic	Sedimentary
	Igneous	Metamorphic	Sedimentary
	Igneous	Metamorphic	Sedimentary
	Igneous	Metamorphic	Sedimentary

6. Now click on the next chapter, titled "How Rocks Change". Read the section on how heat and pressure changes rocks and watch the animation by clicking Start.

a) Heat and pressure causes _____ rock to turn into _____ rock.

7. Click "Next". Read the section on Heating and Cooling. Click on the animation for Melting.

a) Melting causes _____ rock to turn into _____.

8. Click on the animation for Cooling. You may need to replay the animation more than once to answer the following questions.

a) How does extrusive igneous rock form?

_____.

b) How does intrusive igneous rock form?

_____.

c) Which cools faster? _____

d) Which has crystals? _____