

## *Interactives: The Rock Cycle (35 points)*

Click "Types of Rocks"

Give a short description and list examples for the following rocks: (6 Points)


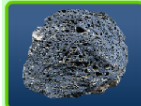


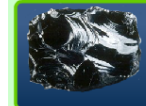

<b>Sedimentary</b>	<b>Metamorphic</b>	<b>Igneous</b>

Sketch the following: (3 Points)

<b>Crystals</b> Small, flat surfaces that are shiny or sparkly, like tiny mirrors.	<b>Fossils</b> Imprints of leaves, shells, insects, or other items in the rock.	<b>Gas bubbles</b> "Holes," like Swiss cheese, in the rock.	<b>Glassy surface</b> A shiny and smooth surface, like colored glass.	<b>Ribbon like layers</b> Straight or wavy stripes of different colors in the rock.	<b>Sand or pebbles</b> Individual stones, pebbles, or sand grains visible in the rock.

Click "Start your rock collection" (Bottom of page)

1. Label each as sedimentary, metamorphic or igneous
2. Give 1 fact about each rock (6 Points)

 <b>Marble</b>	 <b>Basalt</b>	 <b>Conglomerate</b>	 <b>Gneiss</b>	 <b>Obsidian</b>	 <b>Limestone</b>

Click "Identify Rock Types" (Bottom of Page) and play (1 point)

What was your score?

Click "How Rocks Change" (continue with next button at bottom of each page)

Write a summary description of how rocks change based on the animations "Heat and Pressure", "Melting", "Cooling", "Weathering and Erosion", and "Compacting and Cementing" (5 Points)

<b>Heat and Pressure</b>	<b>Melting</b>	<b>Cooling</b>	<b>Weathering and Erosion</b>	<b>Compacting and Cementing</b>



**Homework:**

At home, take the quiz and write your answers on the online form