

## Rock Cycle Webquest

### Activity #1 Rock Cycle

Open [Rock and the Rock Cycle](#). Read and fill in the blanks.

All rock (except for meteorites) that is on Earth today is made of the \_\_\_\_\_ stuff as the rocks that dinosaurs and other ancient life forms walked, crawled, and swam over. While the stuff that rocks are \_\_\_\_\_ from stays the \_\_\_\_\_, the rocks \_\_\_\_\_. Over millions of years, rocks are \_\_\_\_\_ into other rocks. Moving \_\_\_\_\_ help to \_\_\_\_\_ and \_\_\_\_\_ many types of rocks.

Open [What is a cycle?](#) Read and fill in the blanks.

Very simply, when scientists talk about cycles, they are talking about \_\_\_\_\_ of events that repeat themselves. Some cycles are very \_\_\_\_\_. Other are very \_\_\_\_\_ cycles.

### Activity #2 Rock Cycle

Open [Interactives Rock Cycle](#). Click "Begin with Types of Rocks." Read and fill in the blanks.

The three main types, or classes, of rock are \_\_\_\_\_, \_\_\_\_\_, and \_\_\_\_\_ and the differences among them have to do with how they are \_\_\_\_\_.

\_\_\_\_\_ rocks are formed from particles of \_\_\_\_\_, \_\_\_\_\_, pebbles, and other fragments of material. Together, all these particles are called \_\_\_\_\_. Gradually, the sediment accumulates in layers and over a long period of time hardens into \_\_\_\_\_. Generally, sedimentary rock is fairly \_\_\_\_\_ and may break apart or crumble easily. You can often see sand, pebbles, or stones in the rock, and it is usually the only type that contains \_\_\_\_\_.

Examples of this rock type include \_\_\_\_\_ and \_\_\_\_\_.

\_\_\_\_\_ rocks are formed under the \_\_\_\_\_ of the earth from the metamorphosis (change) that occurs due to intense \_\_\_\_\_ and \_\_\_\_\_ (squeezing). The rocks that result from these processes often have ribbonlike layers and may have shiny crystals, formed by minerals growing slowly over time, on their surface.

Examples of this rock type include \_\_\_\_\_ and \_\_\_\_\_.

# Rock Cycle And Geological Time Webquest Answer Key

**Edward J. Tarbuck, Richard M. Busch**



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