

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 _____.

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Edward J. Tarbuck, Richard M. Busch



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