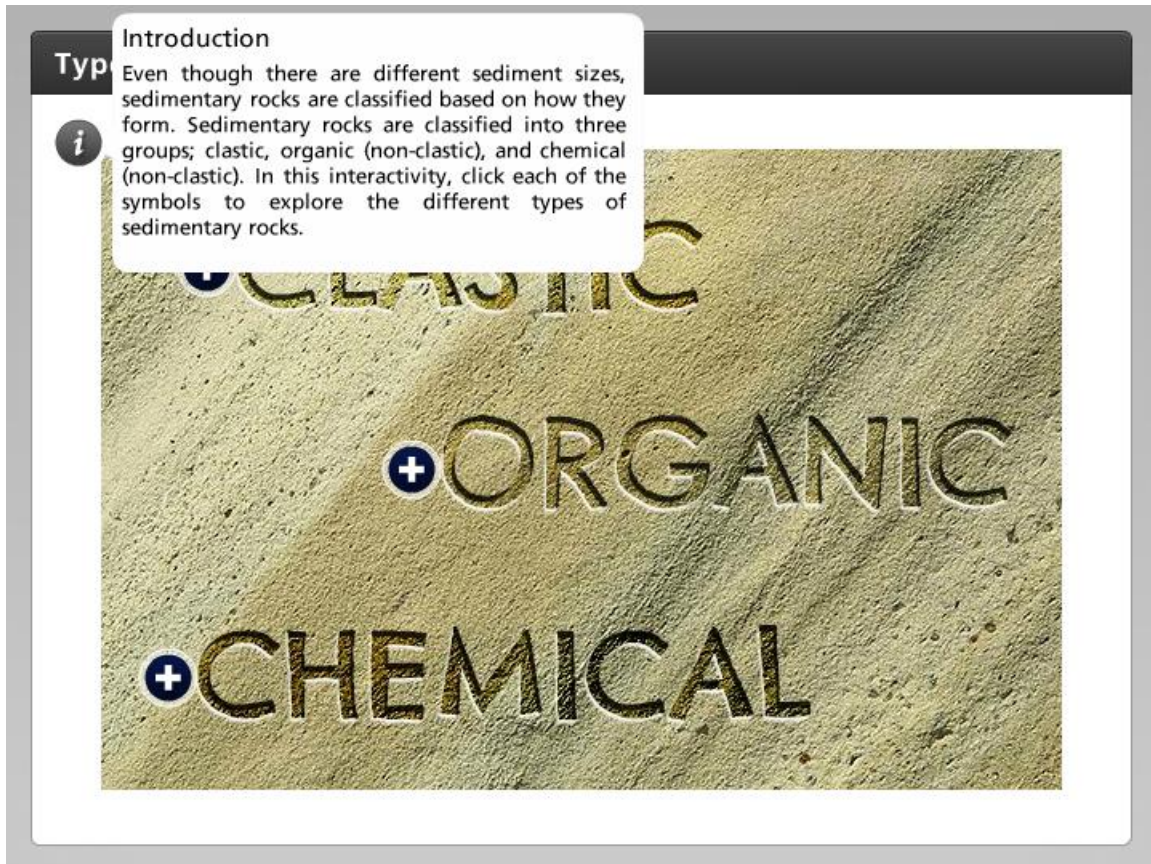


Module 6: Rocks

Topic 2 Content: Types of Sedimentary Rocks Notes

Introduction



The image shows a digital interface for an interactive lesson. At the top left, there is a dark grey header with the word 'Type' in white. Below this, a white information box with a blue 'i' icon contains the following text: 'Introduction Even though there are different sediment sizes, sedimentary rocks are classified based on how they form. Sedimentary rocks are classified into three groups; clastic, organic (non-clastic), and chemical (non-clastic). In this interactivity, click each of the symbols to explore the different types of sedimentary rocks.' The main area of the interface features a background image of sand with the words 'CLASTIC', 'ORGANIC', and 'CHEMICAL' embossed in large, gold-colored letters. Each word is preceded by a blue circular icon containing a white plus sign. The 'CLASTIC' icon is partially obscured by the information box.

Even though there are different sediment sizes, sedimentary rocks are classified based on how they form. Sedimentary rocks are classified into three groups; clastic, organic (non-clastic), and chemical (non-clastic). In this interactivity, click each of the symbols to explore the different types of sedimentary rocks.

Module 6: Rocks
Topic 2 Content: Types of Sedimentary Rocks Notes

Clastic

The graphic is titled "Types of Sedimentary Rocks" and is set against a background of sand. In the center, a white box displays a sample of sandstone, a clastic sedimentary rock. To the left of the box are icons for information (an 'i' in a circle) and a plus sign. Below the rock sample, a text box explains that clastic or detrital sedimentary rocks are made of broken rock fragments from igneous, metamorphic, or sedimentary rocks. The background also features the words "ORGANIC" and "CHEMICAL" in large, embossed letters, with a plus sign icon to the left of "CHEMICAL".

Clastic

Clastic, or detrital, sedimentary rocks are composed entirely of broken pieces of rock. The rock fragments can come from igneous, metamorphic, or sedimentary rocks. Sandstone, a clastic sedimentary rock, is shown here.

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Module 6: Rocks

Topic 2 Content: Types of Sedimentary Rocks Notes

Organic (Non-Clastic)


Types of Sedimentary Rocks

i

+ CLA

+ CHE

Organic (Non-Clastic)



Organic sedimentary rocks are composed of the remains of plants and animals. Organic sedimentary rocks include bones, exoskeletons, twigs, and other remains of living organisms. These sedimentary rocks can reveal important information about ancient environments and provide insight to the types of plants and animals that once lived on Earth. Limestone, an organic sedimentary rock, is shown here.

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Module 6: Rocks


Topic 2 Content: Types of Sedimentary Rocks Notes

Chemical (Non-Clastic)

Types of Sedimentary Rocks

i

+ Chemical (Non-Clastic)



+ Chemical sedimentary rocks are composed of mineral crystals that have precipitated out of solution. The most common solution on the Earth is the ocean. As ocean water evaporates, it leaves behind minerals that form chemical sedimentary rocks. Rock salt, a chemical sedimentary rock, is shown here.

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