

section 1 The Rock Cycle

Before You Read

Think about all the different rocks you have seen. Some may have been shiny, others dull. Describe how the rocks you have seen are different.

What You'll Learn

- what the rock cycle is
- how rocks change

Read to Learn

What is a rock?

Different rocks have different characteristics. Some are smooth, some are rough, some are striped, and some are spotted.

What are common rocks?

Most buildings and public monuments are made from common rock. Rock used for building stone often contains one or more common materials, called rock-forming minerals. Two rock-forming minerals are quartz and calcite. A **rock** is a mixture of rock-forming minerals and other materials such as volcanic glass, organic material, or other natural materials.

The Rock Cycle

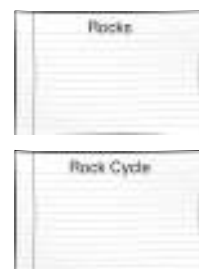
Scientists have created a model to show how rocks slowly change over time. The **rock cycle** shows the processes that create and change rocks. The three types of rocks shown in the rock cycle are igneous, metamorphic, and sedimentary. The rock cycle shows how rocks can change from one type of rock to another.

Mark the Text

Underline As you read, underline key words and definitions. Underline ideas and explanations that help you understand the text.

FOLDABLES™

A Draw and Label Make a Foldable from two half sheets of notebook paper to list facts about rocks and to describe the rock cycle.



● After You Read

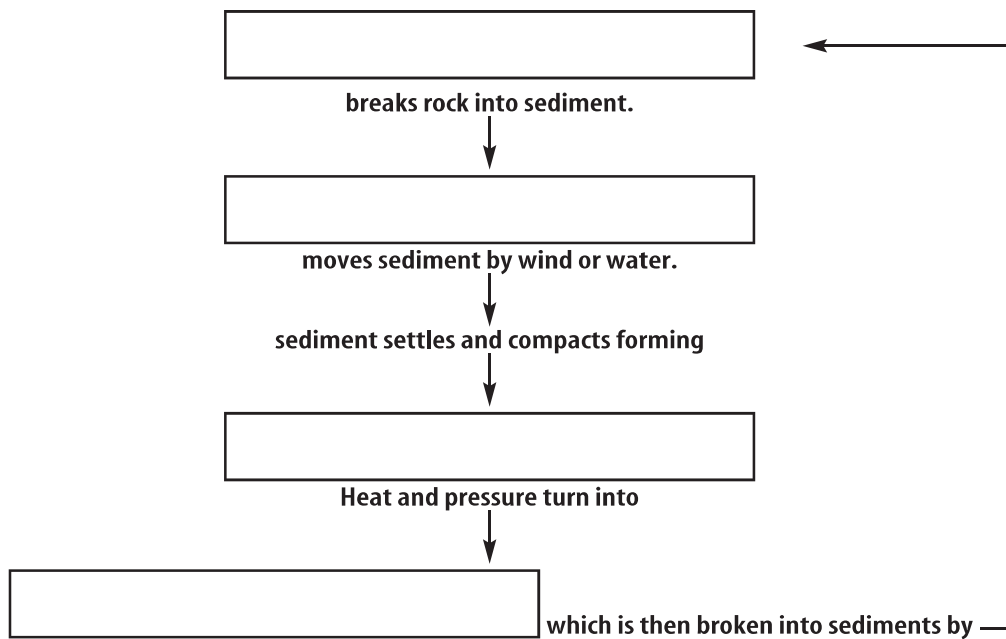
Mini Glossary

rock: mixture of rock-forming minerals and other materials

rock cycle: model that shows how rocks slowly change over time

1. Review the terms and their definitions in the Mini Glossary. Then write a sentence about the rock cycle that explains how rocks change.

2. Fill in the blanks in the boxes below.



3. You underlined the main words, facts, and ideas in this section. How did underlining help you learn about and remember the different types of rocks?
