

## Science Toolkit: Grade 4 Objective 2.B.2.a

Student Handout: Science: Grade 4 Objective 2.B.2.a

Standard 2.0 Earth/Space Science

Topic B. Earth History

Indicator 2. Recognize and explain that fossils provide evidence about the plants and animals that lived long ago and about the nature of the environment at that time.

Objective a. Recognize and explain that the remains or imprints of plants or animals can become fossils.

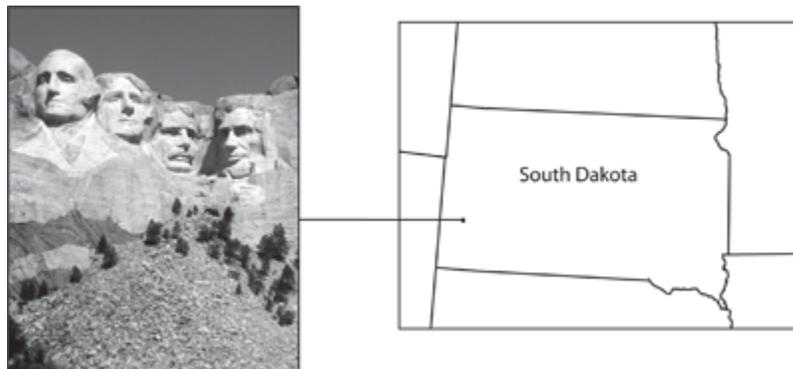
Selected Response (SR) Item

Question

Use the information below to answer the following question.

Mount Rushmore is located in the Black Hills of South Dakota. The heads of four former presidents—George Washington, Thomas Jefferson, Theodore Roosevelt, and Abraham Lincoln—are carved into Mount Rushmore as a monument. The monument rises to 1,745 meters above sea level.

Mount Rushmore is granite, one of the most common rocks on Earth, and took millions of years to form. The sculptor chose to carve the monument in granite because granite erodes at a rate of about 2 centimeters every 10,000 years.



Coral, clam, and starfish fossils are common in South Dakota.

These fossils are evidence that South Dakota was once

- A. a forest area
- B. covered by water
- C. flooded by spring rains
- D. at the edge of a tectonic plate

Correct Answer

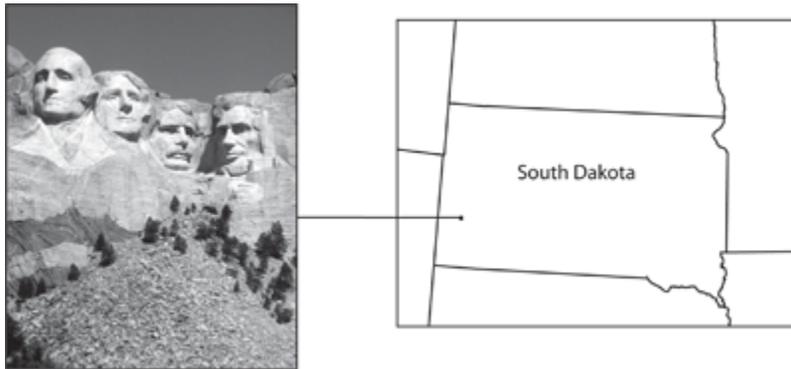
B. covered by water

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