



Science Toolkit: Grade 8 Objective 2.B.1.b

Student Handout: Science: Grade 8 Objective 2.B.1.b

Standard 2.0 Earth/Space Science

Topic B. Earth History

Indicator 1. Explain how sedimentary rock is formed periodically, embedding plant and animal remains and leaving a record of the sequence in which the plants and animals appeared and disappeared.

Objective b. Cite evidence to confirm that thousands of layers of sedimentary rock reveal the long history of the changing surface of the Earth.

Selected Response (SR) Item

Question

The surface of Earth is constantly changing.

Which of these findings provides the best evidence that the crustal surface of Earth has changed over time?

- A. Some rock layers are very thick.
- B. Some species have become extinct.
- C. Marine fossils are found in mountain areas.
- D. Igneous rock is found on all tectonic plates.

Correct Answer

C. Marine fossils are found in mountain areas.

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