



Science Toolkit: Grade 6 Objective 2.C.2.a

Student Handout: Science: Grade 6 Objective 2.C.2.a

Standard 2.0 Earth/Space Science

Topic C. Plate Tectonics

Indicator 2. Recognize and explain how major geologic events are a result of the movement of Earth's crustal plates.

Objective a. Recognize and describe the evidence for plate movement.

Shape of continents

Continuity of geologic features and fossils on the continents

Ocean rifts, seafloor spreading

Global patterns of earthquakes and volcanoes

Selected Response (SR) Item

Question

Geologists have identified seven major tectonic plates at the surface of Earth.

Which evidence best indicates that tectonic plates collide?

- A. Wind erodes surface rock formations.
- B. Fossils date back thousands of years.
- C. Small rocks are left behind when glaciers retreat.
- D. Older layers of rock are located above newer layers of rock.

Correct Answer

D. Older layers of rock are located above newer layers of rock.

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