



# Earth's Changing Surface

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Grade: Grade 4

## Part A: Fill in the Blank

Write the missing word or number on each line.

1. In undisturbed rock layers, the \_\_\_\_\_ layers are usually on the bottom.
2. The preserved remains or traces of ancient living things found in rocks are called \_\_\_\_\_.
3. A deep, narrow valley cut by a river over a long time is called a \_\_\_\_\_.
4. Finding fossils of sea creatures on a mountain is evidence the area was once under the \_\_\_\_\_.
5. A natural feature on Earth's surface, like a hill, valley, or mountain, is called a \_\_\_\_\_.
6. Mountains that form when two of Earth's plates push together and squeeze rock upward are called \_\_\_\_\_ mountains.
7. When sediment piles up at the mouth of a river, the flat fan-shaped landform is called a \_\_\_\_\_.
8. A scientist who studies rocks, layers, and Earth's history is called a \_\_\_\_\_.
9. Layers of rock that form when sediment is pressed and stuck together are called \_\_\_\_\_ rock.

## Part B: Matching

Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

|         |         |   |
|---------|---------|---|
| Canyon  | → _____ | Triangle-shaped landform of dropped sediment at a river's mouth |
| Volcano | → _____ | Preserved trace of an ancient plant or animal in rock           |
| Fossil  | → _____ | Mountain that forms when lava                                   |

**Part A: Fill in the Blank**

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Write the missing word or number on each line.

1. In undisturbed rock layers, the older layers are usually on the bottom.
2. The preserved remains or traces of ancient living things found in rocks are called fossils .
3. A deep, narrow valley cut by a river over a long time is called a canyon .
4. Finding fossils of sea creatures on a mountain is evidence the area was once under the ocean .
5. A natural feature on Earth's surface, like a hill, valley, or mountain, is called a landform .
6. Mountains that form when two of Earth's plates push together and squeeze rock upward are called fold mountains.
7. When sediment piles up at the mouth of a river, the flat fan-shaped landform is called a delta .
8. A scientist who studies rocks, layers, and Earth's history is called a geologist .
9. Layers of rock that form when sediment is pressed and stuck together are called sedimentary rock.

**Part B: Matching**

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Match each item on the left to the correct answer on the right.

1. Match each item to its correct answer.

Canyon

→ Deep, narrow valley carved by a river over a long time

Triangle-shaped landform of dropped sediment at a river's mouth

Volcano

→ Mountain that forms when lava and ash pile up and harden

Preserved trace of an ancient plant or animal in rock