



Earth's Changing Surface

Name: _____

Date: _____

Grade: Grade 4

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: Earthquakes are slow changes that take millions of years to happen.

Rewrite: _____

2. Fix the sentence: When a volcano erupts, hot melted rock called sediment flows out.

Rewrite: _____

3. Fix the sentence: Landslides happen when rock and soil suddenly grow on the side of a hill.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A sudden shaking of the ground caused by moving rock under the surface is an _____ .
2. Hot melted rock that flows out of a volcano is called _____ .
3. When a river overflows its banks and covers the land with water, it causes a _____ .
4. An opening in Earth's surface where lava and ash erupt is a _____ .

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Name two fast Earth changes and one way they are different from slow changes.

2. How can a flood change the surface of the Earth in just one day?

Part A: Fix the Sentence

Each sentence has an error. Rewrite it correctly on the line.

1. Fix the sentence: Earthquakes are slow changes that take millions of years to happen.

Rewrite: Earthquakes are fast changes that can happen in seconds or minutes.

2. Fix the sentence: When a volcano erupts, hot melted rock called sediment flows out.

Rewrite: When a volcano erupts, hot melted rock called lava flows out.

3. Fix the sentence: Landslides happen when rock and soil suddenly grow on the side of a hill.

Rewrite: Landslides happen when rock and soil suddenly slide down the side of a hill.

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A sudden shaking of the ground caused by moving rock under the surface is an earthquake .
2. Hot melted rock that flows out of a volcano is called lava .
3. When a river overflows its banks and covers the land with water, it causes a flood .
4. An opening in Earth's surface where lava and ash erupt is a volcano .

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Name two fast Earth changes and one way they are different from slow changes.

Earthquakes and volcanic eruptions are fast Earth changes. They differ from slow changes because they can reshape the land in seconds, minutes, or days, while weathering and erosion take thousands of years.

2. How can a flood change the surface of the Earth in just one day?

A flood can carry away soil and rocks, knock down trees, and drop mud and sand in new places. In one day, it can carve new paths in the ground and bury old ones with sediment.
