



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: Rivers carries sediment downstream and shape wide valleys over time.

Rewrite: _____

2. Fix the sentence: Wind erosion in a desert form tall sand dunes from loose grains.

Rewrite: _____

3. Fix the sentence: Glaciers slowly carves U-shaped valleys as they move down mountains.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

1. A river cutting deeper into its channel is an example of _____ erosion.
2. Sand dunes in deserts are shaped mostly by _____ erosion.
3. A slowly moving sheet of frozen water that carves valleys is called a _____.
4. When loose rocks slide down a steep slope, the agent of erosion is _____.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Describe how a glacier shapes the land as it moves downhill.

2. Why is wind erosion stronger in deserts than in forests?

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Part B: Fill in the Blank

Write the missing word or number on each line.

1. A river cutting deeper into its channel is an example of water erosion.
2. Sand dunes in deserts are shaped mostly by wind erosion.
3. A slowly moving sheet of frozen water that carves valleys is called a glacier .
4. When loose rocks slide down a steep slope, the agent of erosion is gravity .

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Describe how a glacier shapes the land as it moves downhill.

A glacier is a thick river of ice that drags rocks frozen into its base. As it slides, those rocks scrape and gouge the ground, carving wide U-shaped valleys and leaving piles of sediment when the ice melts.

2. Why is wind erosion stronger in deserts than in forests?

Deserts have few plants and dry, loose sand, so wind picks up grains easily. Forests have many trees and roots that hold soil in place and slow the wind, so wind erosion is much weaker there.
