



Weathering and Erosion

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:

Weathering is the movement of rock pieces from one place to another by wind or water.

Rewrite: _____

2. Fix the sentence:

Erosion only happens in deserts because wind is the only force that moves sediment.

Rewrite: _____

3. Fix the sentence: Chemical weathering breaks rocks apart by freezing water expanding in cracks.

Rewrite: _____

Part B: Fill in the Blank

Write the missing word or number on each line.

- The breaking down of rocks into smaller pieces is called _____.
- Water, wind, and ice can carry rock pieces away in a process called _____.
- When eroded sediment is dropped in a new location, it is called _____.
- Water freezing in rock cracks causes _____ weathering.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Name two natural forces that cause erosion and explain how each one moves sediment.

2. How does a pothole in a road form through weathering?

Answer Key · Weathering and Erosion · Grade: Grade 4

Part A: Fix the Sentence

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

1. Fix the sentence:

Weathering is the movement of rock pieces from one place to another by wind or water.

Rewrite: **Weathering is the breaking down of rocks into smaller pieces by natural forces like water, ice, or wind.**

2. Fix the sentence:

Erosion only happens in deserts because wind is the only force that moves sediment.

Rewrite: **Erosion happens everywhere because water, wind, ice, and gravity can all move sediment.**

3. Fix the sentence: *Chemical weathering breaks rocks apart by freezing water expanding in cracks.*

Rewrite: **Physical weathering breaks rocks apart by freezing water expanding in cracks; chemical weathering changes the minerals inside rocks.**

Part B: Fill in the Blank

Write the missing word or number on each line.

1. The breaking down of rocks into smaller pieces is called **weathering**.
2. Water, wind, and ice can carry rock pieces away in a process called **erosion**.
3. When eroded sediment is dropped in a new location, it is called **deposition**.
4. Water freezing in rock cracks causes **physical** weathering.

Part C: Short Answer

Answer each question in one or two complete sentences.

1. Name two natural forces that cause erosion and explain how each one moves sediment.

Water carries loose soil and rock downhill in streams and rivers. Wind picks up small sand particles and blows them to new locations.

2. How does a pothole in a road form through weathering?
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