

Science

Unit 3 Lesson 3

Changes in Landscapes over Time

Name: Grade 4 \

Q 1: Connect the word to its meaning:

1- Chemical or mechanical process that breaks down and changes rocks or materials into smaller pieces.

Erosion

2-The dropping off the eroded soil and bits of rock in another place.

Deposition

3-The movement of weathered material from one place to another.

Weathering

Q2: Choose correct type of Weathering 1-Physical Or 2- Chemical to pictures:



Ice

Animal holes



Rust



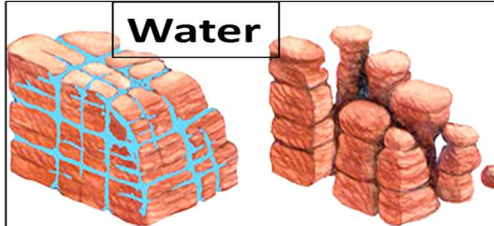
Wind



Acids



Water



Plant's Root



Q3- Choose correct answer:

1. Which happens during physical weathering:

A- Rocks are chemically changed.

B- Rust is created.

C- The size and the shape of rocks are changed.

D - It snows

2. Waves can break by rushing into cracks in the rock with a lot of energy.

A- large boulders

B- beaches

3. Which evidence could indicate that a flood has happened in an area?

A- A new mountain has formed.

B- The sky is cloudy.

C-A palm tree is charred black.

D-Soil and rocks are on the road and sidewalks.

Q4- Put the number of the process near each sentences:

الكلمات التي تحتها خط تساعدك في تحديد نوع العملية التي تحدث: التجوية \ التعرية \ الترسيب

1- Weathering

2- Erosion

3- Deposition

a) Water enters rocks, freezing, and breaking the rocks.

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b) Wind move sand from one place to another.

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c) Waves dropping sand to the beach.

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d) Rainwater carrying away water from a hill.

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e) Glaciers dropping rock and sand to other places.

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f) Sand dunes forming at the desert.

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g) Raindrops on some rocks making them wear down.

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Q5- Match the type of weathering to the landform it created.



Water flow

Waves

Gravity

Wind

