

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

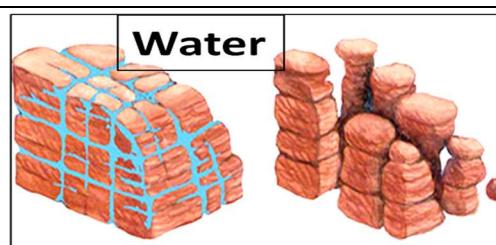
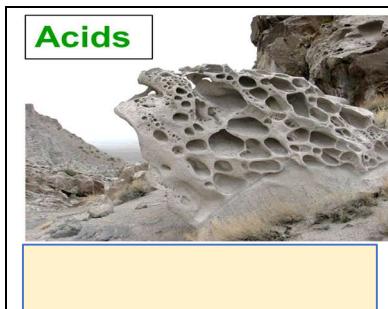
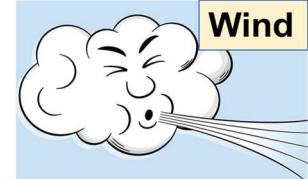
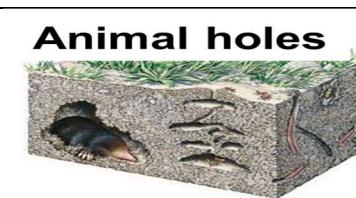
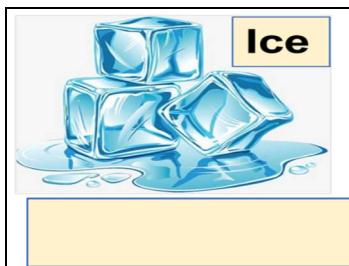
2-The dropping off the eroded soil and bits of rock in another place.

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:



Q3- Choose correct answer:

1. Which happens during physical weathering:

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

- B- Rust is created.
- 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.

b) Wind move sand from one place to another.

c) Waves dropping sand to the beach.

d) Rainwater carrying away water from a hill.

e) Glaciers dropping rock and sand to other places.

f) Sand dunes forming at the desert.

g) Raindrops on some rocks making them wear down.

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



Water flow



Gravity



Wind

