

Q1

Station 1

This is the breakdown of rock into smaller particles from the effects of wind, water, and ice-

- A) deposition
- B) erosion
- C) landform
- D) weathering

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Q2

Station 1

This is the movement of weathered material on Earth's surface by wind, water or ice-

- E) erosion
- F) weathering
- G) deposition
- H) landform

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Q3

Station 1

Which of the following is the build-up of land by the settlement of sediment and soil in a new location?

- J) weathering
- K) erosion
- L) deposition
- M) landform

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Q4

Station 1

This is a feature on the surface of Earth such as a mountain, hill, dune, ocean, or river-

- N) deposition
- O) landform
- P) earthquake
- Q) weathering

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Q1

Station 2

Which process is most responsible to the formation of the Grand Canyon?

- A) wind erosion
- B) glacial erosion
- C) water erosion
- D) volcanic eruptions



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Q2

Station 2

Which of the following is a fast change to Earth's surface?

- A) wind weathering a rock
- B) a volcano erupting
- C) waves eroding a beach
- D) glaciers wearing down rocks

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Q3

Station 2

Which of the following is not a true statement?

- A) Erosion and weathering can create deep valleys.
- B) Tornadoes can speed up wind erosion.
- C) Deposition is the breaking down of rocks into small pieces of sediment.
- D) Erosion carries sediment from one place to another.

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Q4

Station 2

How long does the weathering process take?

- A) a few days
- B) a few months
- C) exactly one year
- D) many years

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Q1

Station 3

Which method would be most effective to show moving water as the most important factor in forming canyons?

- A) ask questions
- B) create a graph
- C) go kayaking
- D) construct a model

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Q2

Station 3

Which of the following landforms forms at the mouth of a river because sediment is deposited when the river slows?

- A) delta
- B) valley
- C) mountain
- D) sand dune

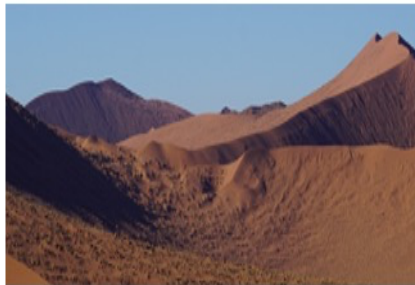
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Q3

Station 3

How are sand dunes formed?

- A) water erosion
- B) wind erosion
- C) glacial erosion
- D) volcanic eruptions



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Q4

Station 3

How was this sea arch formed over time?

- A) wind erosion
- B) deposition
- C) hurricanes
- D) water erosion



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Q1

Station 4

Deltas are examples of landforms formed by-

- A) hurricanes
- B) deposition
- C) weathering
- D) erosion



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Q2

Station 4

How might someone prevent erosion from happening?

- E) Cut down trees to make room for a shopping center.
- F) Plant grass on the bare spots.
- G) Build a major road through a forest ecosystem.
- H) Place potted plants around the outside of your house.

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Q3

Station 4

Your friend is wondering about the creation of soil. How is soil created?

- A) glaciers melt
- B) earthquakes occur
- C) rocks mix with water
- D) rocks are broken down

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Q4

Station 4

A glacier moves very slowly. How does a glacier help create new soil?

- E) it scrapes particles off large rocks
- F) it carries plants to a new location
- G) it freezes small particles of dirt to form rocks
- H) it melts and becomes part of rivers and lakes



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Q1

Station 5

Which of the following processes would take the longest to change landforms on the Earth's surface?

- A) weathering of a rock by wind
- B) landslide down the side of a mountain
- C) a volcanic eruption depositing lava
- D) an earthquake shaking and cracking the ground

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Q2

Station 5

Which of the following is not an effect of flowing water?

- E) the formation of deltas and canyons
- F) the formation of glaciers
- G) the erosion of rocks and soil
- H) the weathering of river rocks

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Q3

Station 5

Bethany was swimming in the ocean. Suddenly, the water was only up to her waist and she is standing on a sand bar. How does the sand bar form?

- J) ocean currents eroded sand from the coast over a few days
- K) a large hurricane deposited sand at some point in time
- L) ocean currents deposited the sand over millions of years
- M) thunderstorms deposited the sand over millions of years.

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Q4

Station 5

Which landform is not formed by moving wind, water, or ice?

- P) mountain
- Q) delta
- R) u-shaped valley
- S) sand dune

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