

Earth Science

Lesson: April 8th, 2020

Learning Target:

Students will be able to explain the process of deposition.

Let's Get Started:

1. What is erosion?
2. List and describe at least 3 forces of erosion.

Lesson Activity:

Directions:

1. Watch this [video](#)
2. Read this article
3. Answer the practice questions combining information from the two provided sources on a separate piece of paper.

Link(s):

Video- [Deposition Video](#)

Article- [Deposition Article](#)

Practice

You will use the information from the activity on slide 3 to answer the following questions.

Question 1:

What causes streams and rivers to meander?

Question 2:

What occurs when one side of a river or stream slows down?

Question 3:

What is the definition of deposition?

Question 4:

What kind of materials can complete deposition?

Question 5:

How are deposition and erosion related?

Answer Key

Once you have completed the practice questions check with the work.

1. The soft soil that are found along their banks.
2. The water moves more slowly, not allowing it to carry the sand sized particles. These particles are then dropped to the bottom of the stream bed and build up, causing the stream/river to flow even slower. As the water moves more slowly, more particles of sediment build up, creating new land along the bank. During this, the fast moving water continues to flow and slam against the opposite bank. All of this leads to changes in the curve of rivers and alters how they flow, changing the shape of the river.
3. Deposition is the laying down of sediment that has been carried by wind, water, or ice.
4. The materials that can complete deposition include rivers and deltas, glaciers, hot deserts, shorelines, and deep water. Essentially, wind, water, and ice.
5. Answers will vary, here is an example answer: Deposition and erosion are related because erosion is the process where wind, water, or ice will break down a rock into sediment and carries it from one place to another. Deposition comes into play once that sediment is dropped by one of those forces. The two are related in the sense that one can not happen without the other.

Additional Practice

Here is a webquest that will help tie together weathering, erosion, and deposition. The instructions are found within the activity and answer the questions on a separate piece of paper.

[Weathering, Erosion, and Deposition Webquest](#)

Here is a lab that you can do that reviews all three of these concepts as well. The instructions for it are found within the link and as always, answer the questions on a separate piece of paper.

[Weathering, Erosion, and Deposition Lab](#)