

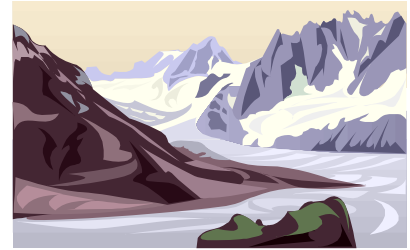
Weathering, Erosion, or Deposition?

Sorting Activity Directions

Group Size: Pairs or Teams

Materials:

Weathering, Erosion, and Deposition cards
Answer Key (below)



Directions

1. Cut apart cards and set aside Weathering, Erosion, and Deposition topic cards. Shuffle the example cards. Hide the Answer Key (below).
2. Place the three topic cards face up in a row. Place the stack of example cards face down in a pile.
3. One person flips over an example card and reads it aloud. He or she identifies the card is an example of weathering, erosion, or deposition. If everyone agrees, the card is placed face up below the topic cards to begin a column. If they don't agree, consult another sources such as a science book or the Internet to find out.
4. The next person flips over another example card and follows the directions in Step 3. Continue taking turns until all cards are placed.
5. Uncover the answer key below and check your answers.

Answers

Weathering: 1, 7, 9, 11, and 12

Erosion: 2, 4, 10, and 13

Deposition: 3, 5, 6, and 8

Weathering, Erosion, or Deposition?

Weathering	Erosion
Deposition	1 Flood water pounding against a canyon wall and wearing it down
2 Rain washing away soil from a hillside	3 Layers of sediment forming at the bottom of the ocean
4 A mudslide flowing down a steep hill	5 Glaciers dropping rock and sand to form terminal moraines

Weathering, Erosion, or Deposition?

6

Waves dropping sand
on the beach

7

Acid rain dissolving
the surface of
marble statues

8

Deltas forming at the
mouths of rivers

9

Water getting into
cracks, freezing, and
breaking the rocks or
pavement apart

10

Wind blowing
sand from one
location to another

11

Wind blasting sand
at rock and carving
out arches

12

Glaciers scraping
rocks across the
earth's surface

13

Muddy water being
carried away by a
fast-moving river