

Name _____

Key

Date _____



Becoming an Erosion Expert Scavenger Hunt 1 of 4



Directions: Define the following terms. Use information from multiple sources to create a detailed definition with words and pictures.

erosion	
• the moving of weathered material, or sediment, from one location to another	

sedimentation	
• process of deposition of solid material from a state of suspension or solution in fluid (usually air or water)	

soil	
• a mixture of weathered rock, rock fragments, decayed organic matter, water, and air	

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Becoming an Erosion Expert Scavenger Hunt 2 of 4



Directions: Use words and pictures to describe in detail *three types of erosion other than those investigated during classroom activities.* (Not water splash or fluvial or wind)

Wave erosion - wave energy moves sand and erodes areas that stick out of the water	
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SUB-aerial erosion - occurs when land is exposed to the atmosphere through weathering - can be caused by gravity, ice, wind, waves, running H ₂ O	
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Gravity erosion - when slopes or other land irregularities allow gravity to transport rock debris downhill	
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* examples *

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Becoming an Erosion Expert Scavenger Hunt 3 of 4



Directions: Use words and pictures to describe in detail *three forces that cause different forms of erosion.*

<p>Splash erosion - Falling water, which could be any form of precipitation and gravity displace soil and sediment</p>	
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<p>Wind erosion - Moving air picks up soil & sediment</p>	
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<p>Fluvial erosion - Moving water in streams, creeks, rivers, etc... move soil and sediment, along with gravity</p>	
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Becoming an Erosion Expert Scavenger Hunt 4 of 4



Directions: Use words and pictures to describe in detail *three negative effects of erosion on the environment.*

Sedimentation in rivers

pollutes H₂O with soil particles, damages water ecosystems due to decreased sunlight

Removal of Topsoil

prevents plant growth, destroys crops, reduces agricultural food production, and farming income

Wind erosion problems

asthma, or breathing problems, reduces air quality, reduces visibility

* Example *