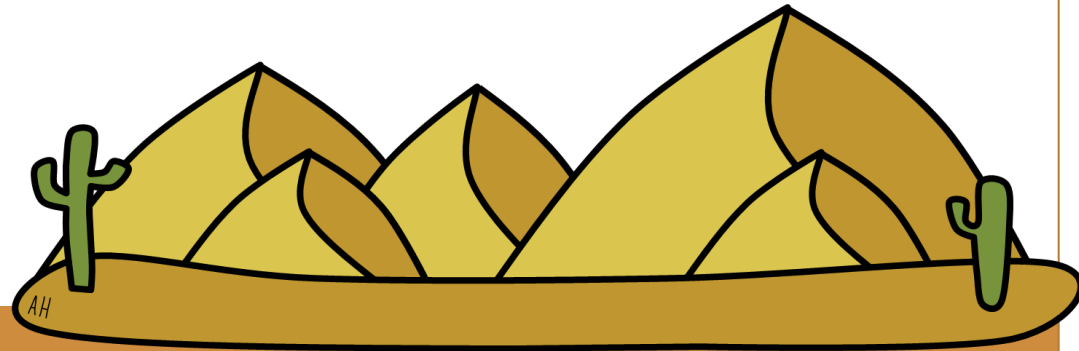
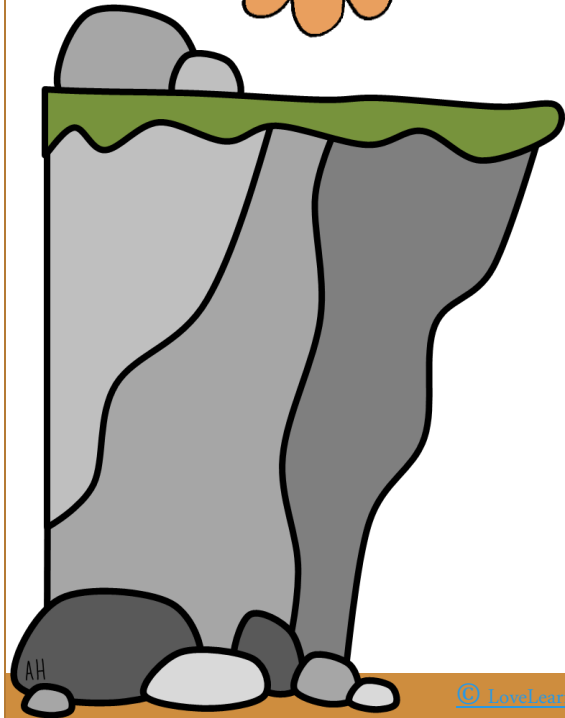


# Earth Science Review Game



# Earth Science Review



Constructive Processes	Destructive Processes	Controlling Processes	Earthquakes and Volcanoes	Miscellaneous
<a href="#"><u>Q \$100</u></a>	<a href="#"><u>Q \$100</u></a>	<a href="#"><u>Q \$100</u></a>	<a href="#"><u>Q \$100</u></a>	<a href="#"><u>Q \$100</u></a>
<a href="#"><u>Q \$200</u></a>	<a href="#"><u>Q \$200</u></a>	<a href="#"><u>Q \$200</u></a>	<a href="#"><u>Q \$200</u></a>	<a href="#"><u>Q \$200</u></a>
<a href="#"><u>Q \$300</u></a>	<a href="#"><u>Q \$300</u></a>	<a href="#"><u>Q \$300</u></a>	<a href="#"><u>Q \$300</u></a>	<a href="#"><u>Q \$300</u></a>
<a href="#"><u>Q \$400</u></a>	<a href="#"><u>Q \$400</u></a>	<a href="#"><u>Q \$400</u></a>	<a href="#"><u>Q \$400</u></a>	<a href="#"><u>Q \$400</u></a>
<a href="#"><u>Q \$500</u></a>	<a href="#"><u>Q \$500</u></a>	<a href="#"><u>Q \$500</u></a>	<a href="#"><u>Q \$500</u></a>	<a href="#"><u>Q \$500</u></a>

# \$100 Question Constructive



A deposit of sediment that builds up at a river's mouth.



# \$100 Answer Constructive



## Delta



# \$200 Question Constructive



# \$200 Answer Constructive



Sand Dune



# \$300 Question from Constructive



Sand, soil, and rocks are all examples  
of:



# \$300 Answer from Constructive



sediment





# \$400 Question from Constructive



Name a landform that is created  
by glaciers



# \$400 Answer from Constructive



## Moraines



# \$500 Question from Constructive



Explain how a glacier is both  
a constructive and destructive process



# \$500 Answer from Constructive



Glaciers destruct the Earth by carving into canyons. Glaciers construct the Earth by dropping off sediment in various places.



# \$100 Question from Destructive



What caused  
this?



# \$100 Answer from Destructive



## Erosion by Water



# \$200 Question from Destructive



The breaking down of rock at or near the Earth's surface is called:



# \$200 Answer from Destructive



## weathering





# \$300 Question from Destructive



The movement of weathered rock from place to place



# \$300 Answer from Destructive



## Erosion



# \$400 Question from Destructive



What pulls pieces of rock downhill  
to create a landslide?



# \$400 Answer from Destructive



## Gravity



# \$500 Question from Destructive



What type of erosion caused this to happen?



# \$500 Answer from Destructive



## Erosion by ocean waves/water

### BONUS: name two other types of erosion



# \$100 Question from Controlling Processes



Beaches that have eroded  
are reclaimed through:



# \$100 Answer from Controlling Processes



## Beach Nourishment





# \$200 Question from Controlling Processes



# \$200 Answer from Controlling Processes



## Contour Plowing



# \$300 Question from Controlling Processes



What is the purpose of a groin?

- a. To strengthen dams
- b. To stop beach erosion
- c. To create new sediment on shorelines
- d. To break down headlands



# \$300 Answer from Controlling Processes



To stop beach erosion



# \$400 Question from Controlling Processes



Explain the purpose of this structure



# \$400 Answer from Controlling Processes



Built to hold back floodwaters at  
times of heavy rainfall



# \$500 Question from Controlling Processes



Explain the purpose of this structure



# \$500 Answer from Controlling Processes



Seawalls absorb the pounding of waves and  
protects the coast behind it





# \$100 Question from Earthquakes and Volcanoes



An earthquake is caused by a \_\_\_\_\_ in the rock that makes up Earth's crust.



# \$100 Answer from Earthquakes and Volcanoes



Break



# \$200 Question from Earthquakes and Volcanoes



Are earthquakes and volcanoes constructive processes  
or destructive processes?



# \$200 Answer from Earthquakes and Volcanoes



They are BOTH constructive  
and destructive!



# \$300 Question from Earthquakes and Volcanoes



What is the hot liquid inside  
of a volcano called?

What is it called when it reaches  
the Earth's surface?



# \$300 Answer from Earthquakes and Volcanoes



Magma

Lava



# \$400 Question from Earthquakes and Volcanoes



Devices called \_\_\_\_\_  
can detect vibrations during an  
earthquake.



# \$400 Answer from Earthquakes and Volcanoes



## Seismographs





# \$500 Question from Earthquakes and Volcanoes



Explain how earthquakes are constructive processes



# \$500 Answer from Earthquakes and Volcanoes

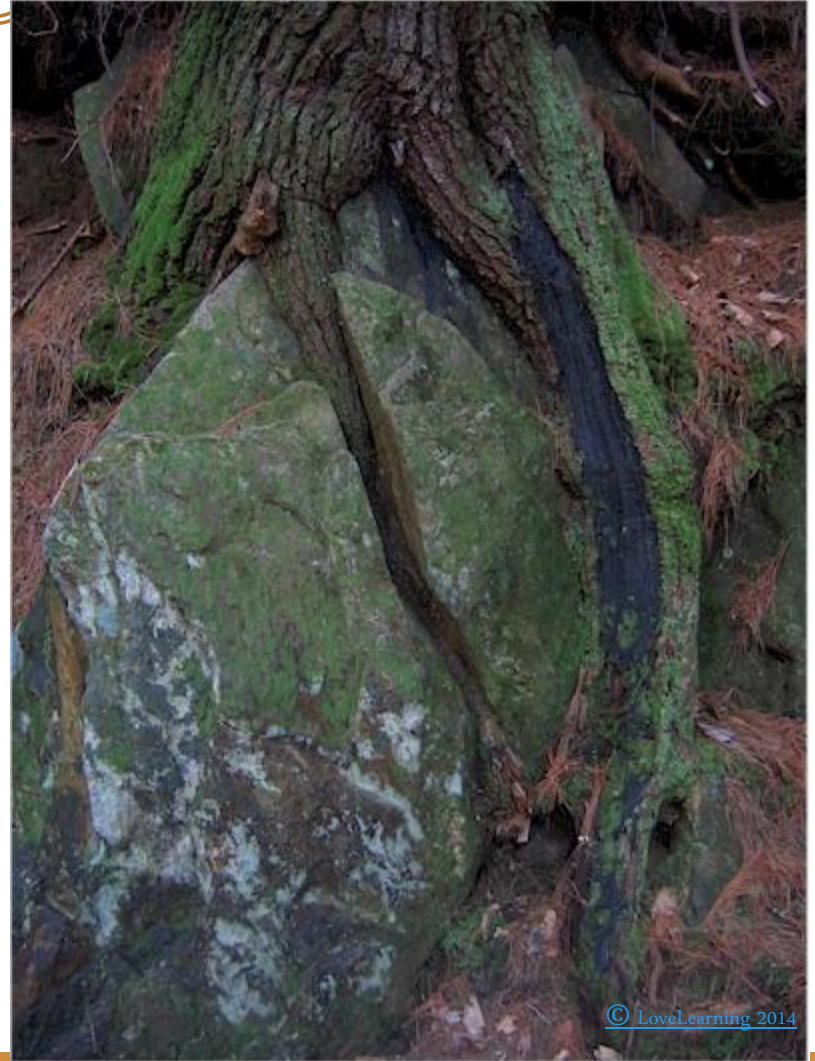


Earthquakes are constructive processes  
because they can build land along  
fault lines or raise mountain ranges



# \$100 Question from Misc

What caused this?



# \$100 Answer from Misc



weathering



# \$200 Question from Misc



An earthquake  
happens along a:



# \$200 Answer from Misc



## Fault



# \$300 Question from Misc



# \$300 Answer from Misc



## Groin





# \$400 Question from Misc



What is the purpose of this structure?



# \$400 Answer from Misc



This storm drain prevents streets from flooding when it rains.



# \$500 Question from Misc



Name the three layers of the Earth



# \$500 Answer from Misc



## Crust, Mantle, Core



# Final Question



Name the two methods that  
farmers use to prevent soil  
erosion



# Final Answer



## Contour Plowing and Terracing

