

5th Grade Earth Science

Landforms

**S5E1. Students will identify surface features of the Earth
caused by constructive and destructive processes.**

a. Identify surface features caused by constructive processes.

Follow the links to learn about each type of constructive process...

Deposition

Do you
see the
root
word?

Sediment

Deltas

Sand Dunes

Hills

Stalagmites and Stalactites

Mesas

Plateaus

Glaciers

Barrier Islands

Sand Spits

Sand Bars

Flood Plains

Faults...Earthquakes...Volcanoes

Earth's Layers

Plates

Focus and Epicenter

Magnitude and Richter Scale

Magma

Lava

Types of Volcanoes

Types of Faults

Mountains

How are
these 3
things
related?

When you describe landforms in an area, you are describing that area's topography.

Topography is all the kinds of landforms in a certain area. Learn more about Georgia's regions.

How would you describe the topography of where we live?

b. Identify and find examples of surface features caused by **destructive** processes.

Follow the links to learn about each type of destructive process...

Wind,
water, &
ice carry
it away!

Erosion

Erosion Game #1
Investigation

Wind

Erosion Game #2

Glaciers

Gullies

Ditches

Plains

Cliffs

The Grand Canyon

Mushroom Rocks

Sink Holes

Landslides

Breaking
it down!

Weathering

Types of Weathering

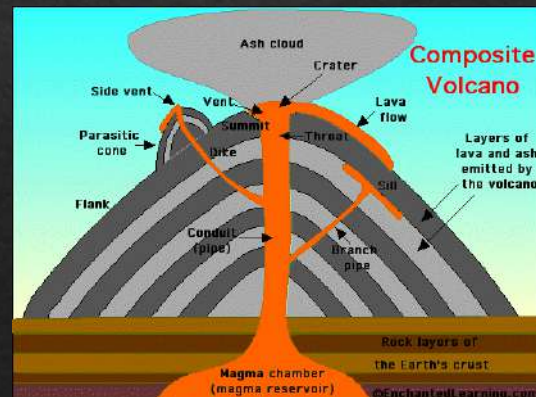
Yes, we
cause
destruction
too!

Impact of organisms

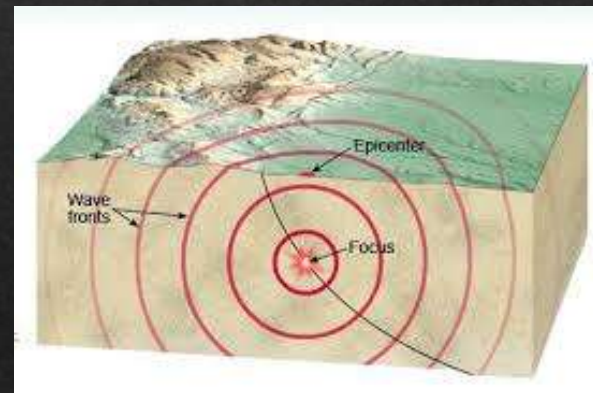
Plants

Animals and Humans

Volcanoes



Earthquakes



c. Relate the role of technology and **human intervention**
in the control of constructive and destructive processes.

Examples include, but are not limited to

Seismological studies

Seismology
Seismologist
Seismograph
Building Construction



Flood control

Dams
Levees
Lakes
Storm Drains



Beach reclamation

Beach Restoration
Dredging
Jetties
Reefs

