

Changing Landforms

We recommend reading "The Sun, the Wind and the Rain," written by Lisa Westberg Peters, illustrated by Ted Rand, or watching the video of the book being read aloud. Then, complete this worksheet to learn more about how land changes over time.

The responses are examples of what the students can put for their answers.

Think about the similarities and differences between how long it took for the earth mountain and Elizabeth's sand mountain to be made.

What words were used describe the amount of time for each mountain to be created? Write those words in the boxes below:

 Earth Mountain	 Elizabeth's Sand Mountain
<p>Millions of years ago Eons Slowly rose</p> <p>Can mention these words or phrases to describe how the mountain changed and formed again:</p> <p>Day after day Year after year Countless rainstorms</p> <p>Blink of earth time</p> <p>slowly</p>	<p>Today Quickly</p> <p>Can mention these words or phrases to describe how Elizabeth's sand mountain changed and formed again:</p> <p>Afternoon heat Afternoon storm</p> <p>After a few minutes</p>

Which took longer to make, the earth mountain or Elizabeth's sand mountain? What is your evidence? Write your answer below:

The earth mountain took longer to make because it formed millions of years, took eons to slowly rise. Elizabeth's sand mountain formed quickly in one day.

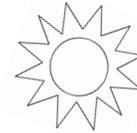
How did the sun, the wind and the rain change the earth mountain and Elizabeth's sand mountain? Draw and/or write your answers in the boxes.

Sun

The sun beat down on the sharp peaks on earth mountain.

Elizabeth's sand mountain baked in the heat.

Both were heated by the sun.



Wind

The wind howled through the canyons in earth mountain.

The breeze loosened a few grains, blew them in Elizabeth's face.
The wind blew through both mountains.



Rain

Many rainstorms pounded the earth mountain, the water made the rocks crumble then tumble into small streams. A raging river formed, created a deep valley and turned rough rocks into smooth pebbles. Then the river turned the pebbles into sand, dumped it on a broad plain then into the sea.

Rain began to destroy the sand mountain. The rain also carved little valleys into the sand mountain, carried the sand down to the beach. The sand spread into small fans.

