Name:	Date:
_	

Build a Volcano

Click the two description buttons then see that volcano grow. Draw a picture of that special volcano.

Lava can be runny with lots of water	Lava can be runny with little water
volcanoes	volcanoes
T 1 4 1 1 1 1 1 6 4	T 14 1241 4
Lava can be sticky with lots of water	Lava can be sticky with little water
Lava can be sticky with lots of water	Lava can be sticky with little water
Lava can be sticky with lots of water	Lava can be sticky with fittle water
Lava can be sticky with lots of water	Lava can be sticky with fittle water
Lava can be sticky with lots of water	Lava can be sticky with fittle water
Lava can be sticky with lots of water	Lava can be sticky with fittle water
Lava can be sticky with lots of water	Lava can be sticky with ittle water
volcanoes	volcanoes

Earthquake Testing Zone

Go to the Earthquake Testing Zone website. Move the red level of the Magnitude Scale down to 0 and hit the GO button. What happens?

At what Magnitude do the houses, car, etc. start to move?

What happens when the earthquake is a magnitude 5?

Prevent a Landslide

Go to the Landslide link Prevent a Landslide and click on the Model tab. Each of the buttons below may or may not help prevent a landslide. Try each one, and then record the results in the table below.

	Top, Middle, or Bottom of Slope (T, M, B)	Does this prevent a landslide after an earthquake? Y or N
Garden		
Trees		
Swimming Pool		
Goats		
Trees		
Drain Pipes		
Retaining Wall		
Tennis Courts		
Garden		

If you wanted to help prevent a landslide after an earthquake, what would hold the most soil in place?

Draw a picture of your idea.