

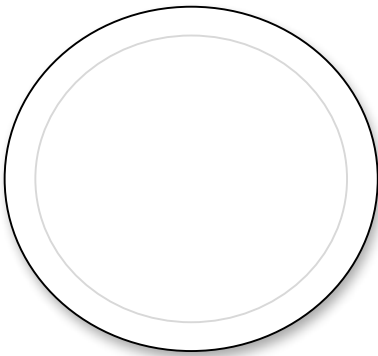
Investigate an Earthquake's Energy

Observe, describe, and graph the demonstration by making a model and investigating with the model.

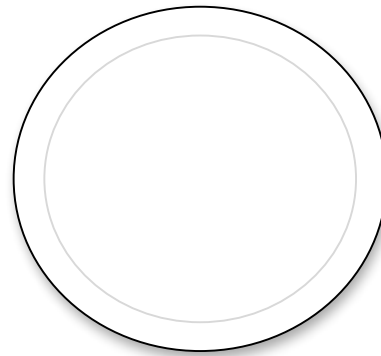
Use a Styrofoam plate to build a model of a landscape from sand and rocks (gravel) and use math centimeter cubes to build some buildings in the land. Make a drawing of your landscape. If available use some small twigs or a snip from a bush to make trees.

Now... you will model what happens when the plates below the surface move and the plates grind together. The land will shake. (Shake the plate.) What is happening to the landforms and buildings? Draw what happened.

Before



After



What happened to the little buildings and the land when the land moved? What did you learn causes these earthquakes from the bill Nye video and the ENGAGE part of the lesson?

Look at the pictures of the changes from Earthquakes. What happens when an earthquake occurs?
