**Materials List: Plate Tectonics**

**Materials List**

Activity I

How to Build a Seismograph

* + Cereal box
  + Cardboard sheet (size of cereal box)
  + Plastic cup with cover
  + Pencil
  + Scissors
  + Strip of paper (2" wide, by 2' long)
  + Piece of string
  + Rubber bands
  + Sand

Activity II

How to Build a Tsunami

* Large container (rectangular aluminum pans)
* Newspapers (crumple into balls to fill half the container)
* Sand (place on top of newspaper)
* Rocks (place on top of sand)
* Water (enough to fill half of the container)
* Piece of cardboard (fit the width of the container)
* Optional: trees, houses, roads (made out of various materials or toys to place on top of rocks & sand)

Activity III

How to Build a Lava Volcano

* + A homemade volcano, plastic bottle, bowl, cup, or jar
  + ½ cup (64 grams) baking soda
  + ½ cup (112.50 milliliters) of vinegar
  + Food coloring (few drops per volcano) or, glow-in-the-dark paint, or fluorescent paint (1 tsp. per volcano)
  + Dish soap (few drops per volcano)
  + Water (few drops per volcano)
  + Funnel (1) that fits into the top of your bottle or whatever you are using.