

Class 24, Monday, 8/22/2017

Children are asked to make a model volcano as their homework. I ask them to bring the ingredients home school with the model so that we can erupt them in school next week.

Step 1:

Get 2 cups of flour, 2 cups of salt, 4 tbsp. of cooking oil, and 2 cups of water. Mix water and flour/salt until it forms a runny lava. Measure water into a 1/2 gal. jug to add extra water if too thick.

Step 2:

Place a plastic bottle on a larger plate or tin (base).

Step 3:

Use paper or newspaper to build a cone shape using the largest thing you can fit the bottle. Start with the flaps inside so you can hold onto things to the base to help you. Making a volcano makes it look cooler, so use newspaper to build a cone inside.

Step 4:

Use glue to stick paper or newspaper onto cone until you completely cover the volcano. Use newspaper and glue to the top. Use cardboard to plug the top of the cone to get lava inside. The volcano now may look like this:

Step 5:

Place the volcano when it is the size you want down the table to make it look like a volcano. I do this.

Step 6:

Place in a shallow metal container to hold the lava with the bottle. Fill it with water. Add oil and cooking to make it look more like lava. Add a drop of food coloring to lava to make it look more like lava.

Step 7:

Use 2 cups of boiling water to add oil and drop into the volcano.

Step 8:

Put the volcano into the bottle. Add newspaper to the cone part. Use newspaper to hold the volcano and lava up. Hold the newspaper and bottle. Use glue to hold the top of the volcano.