

6-10 Science at home



DIY Clay Volcano

Build a volcano and watch it erupt! The best thing about this activity is, once you've built your volcano you can erupt it over and over again!

What You Need:

Volcano

- 2 cups Plain Flour
- 1 Cup Salt
- 4 tbsp cream of tartar
- 2 tbsp cooking oil
- 2 cups boiling water
- Food colouring

Lava

- Vinegar
- Food Colouring
- Baking Soda

How It Works:

- Make a playdough volcano:
 - Mix together the flour, salt, cream of tartar and cooking oil
 - Place a couple of drops of food colouring into the boiling water
 - Pour the water in with the ingredients and mix well
 - Place dough on the bench with a light flour dusting and knead
 - Mould into volcano shape around a cup (this is where your lava ingredients will go!)
- Place half a cup of baking soda into the volcano cup
- Pour vinegar into a separate cup and add food colouring
- Slowly pour the coloured vinegar into the top of your volcano and watch it erupt!