



Fun experiments

Volcano

- You need:
- 100 ml of warm water
- 10 ml of dish soap
- 400 ml of white vinegar
- Empty 2-litre soda bottle
- 2 drops of red food colouring
- Baking soda slurry ($\frac{1}{2}$ cup baking soda and $\frac{1}{2}$ cup water)

Follow the instruction's

Step 1: Mix the dish soap, water, white vinegar, and food colouring and pour it into the empty soda bottle.

• Step 2: Make a baking soda slurry with $\frac{1}{2}$ cup baking soda and $\frac{1}{2}$ cup water. Mix it thoroughly with a spoon, until it's completely dissolved.

• Step 3: Now, it's eruption time! Quickly but carefully pour this slurry into the bottle and step back. Now, watch the volcano erupt and spill out red lava!



Lava Lamp!

1. Fill the bottle most of the way with vegetable oil.
2. Fill the rest of the flask with water. The water will sink to the bottom under the oil and look like little, clear blobs.
3. Add a few drops of food colouring; your choice of colour. The food colouring is water-based, so it will also sink and colour the water that is now at the bottom of the flask.
4. Watch your lava lamp erupt into activity!



Magic milk



- You need
- Milk
- Liquid food colouring - gel doesn't work well
- Dish soap
- Cotton swabs

1. Pour a thin layer of milk in a shallow pan.
2. Add drops of food colouring all around in the milk.
3. Then the kids will pick up a cotton swab and dip it in the dish soap.
4. Then put the cotton swab in the milk - pressing it down in one spot and holding it there for about 15 seconds.

Have fun exploring with milk!



Coloured foam

You need:

Tray

Foam

Food colouring

Dry paint



Add the shaving foam to a tray

Add dry paint or food colouring

Slowly mix colours into the foam

Now enjoy and explore!

Make your own mood sand



You need

Baby oil

Flour

Bowl

Add flour to a bowl

Add small amounts of baby oil into the flour

Rub baby oil and flour together

Once the flour and oil sticking together your mood sand is ready!

Have fun!