

## British Science Week - Assembly experiments

**MAKE SURE YOU UNDERTAKE THESE EXPERIMENTS WITH ADULT PERMISSION AND SUPERVISION.**

### Skittles diffusion

Place some Skittles around the edge of a plate, leaving a small gap between each one. Add warm water slowly to the centre of the plate until the Skittles are about half covered, then wait for the magic to happen!

What different patterns can you make?



## Volcano

### Science Experiment



### Method

1. Cut out and assemble the Volcano Cone.
2. Fill the cup half-full with water, add a couple of drops of food colouring and stir in the baking soda.
3. Add the washing-up liquid to the cup.
4. Place the Volcano Cone over the cup.
5. Quickly pour a tablespoon of vinegar into the cup, through the top of the Volcano Cone.
6. Watch the eruption happen. Keep adding vinegar to the cup, a tablespoon at a time, until the reaction has finished.

### You will need:

2 tsps washing-up liquid  
Vinegar  
3 tsps baking soda  
Water  
Plastic cup  
Red food colouring  
Volcano Cone



