

Elephant Toothpaste



This is about another chemical reaction – this happens very quickly.

First of all watch

https://www.youtube.com/watch?v=edEfc_fiGxs

You will need

- Empty plastic bottle (or other container)
- 3% hydrogen peroxide solution (30% solution can be dangerous)
- Packet of active yeast
- Liquid dishwashing detergent
- Warm water
- Food colouring

What to do

- Pour 1/2 cup hydrogen peroxide solution, 1/4 cup dishwashing soap, and a few drops of food colouring into the bottle. Swish the bottle around to mix the ingredients. Set the bottle in a sink or outdoors (the foam is wet and goes everywhere)
- In a separate container, mix a packet of active yeast with a little warm water. Give the yeast about five minutes to activate before proceeding to the next step.
- When you are ready to do the demo, pour the yeast mixture into the bottle. The reaction occurs immediately upon the addition of the yeast.

What do you see?

Get Mum or Dad to take a video of the reaction

Question – why is it called ‘elephant toothpaste’?