

SCIENCE CLUB EXPERIMENT (Week 1)

HOW TO MAKE 'ELEPHANT TOOTHPASTE'

Ingredients

- A clean 500ml plastic soda bottle
- 1/2 cup 20-volume hydrogen peroxide liquid (20-volume is a 6% solution, ask an adult to get this from a beauty supply store or hair salon)
- 1 Tablespoon (one packet) of dry yeast
- 3 Tablespoons of warm water
- Liquid dish washing soap (1 tablespoon)
- Food colouring
- Small cup
- Safety goggles
- NOTE: As you can see from the picture, foam will overflow from the bottle, so be sure to do this experiment on a washable surface, or place the bottle on a tray.

Method

- 1.** Hydrogen peroxide can irritate skin and eyes, so put on those safety goggles and ask an adult to carefully pour the hydrogen peroxide into the bottle.
- 2.** Add 8 drops of your favourite food colouring into the bottle.
- 3.** Add about 1 tablespoon of liquid dish soap into the bottle and swish the bottle around a bit to mix it.
- 4.** In a separate small cup, combine the warm water and the yeast together and mix for about 30 seconds.
- 5.** Now the adventure starts! Pour the yeast water mixture into the bottle (a funnel helps here) and watch the foaminess begin!