



# Elephant Toothpaste

Have fun making some foam from a bottle. You will need a grown-up to help!

## What you need:

- A grown-up to help with chemicals
- Empty water bottle (12 - 16 oz.)
- Drinking cup
- Spoon for stirring
- Deep tray or bowl
- 60 ml (2 oz.) of First Aid grade Hydrogen Peroxide (3% H<sub>2</sub>O<sub>2</sub>)
- 2.5 ml (½ Tsp) Active Yeast
- 15 ml (1 Tbsp.) warm water (105° - 115°) [Water should feel almost hot to the back of your hand.]
- Liquid Dish Soap
- Food Coloring (Optional)

## What you do:

- Step 1:** Add the water to the drinking cup
- Step 2:** Add the yeast to the water and stir gently to mix
- Step 3:** Stand the water bottle in the tray or bowl
- Step 4:** Have your adult pour the Hydrogen Peroxide into the empty bottle
- Step 5:** Have your adult hold the bottle while you add a "healthy squirt" of liquid dish soap and swirl gently to mix
- Step 6:** While your adult holds the bottle, add a few drops of food coloring down the sides of the bottle (Optional)
- Step 7:** Have your adult gently swirl the liquids in the bottle to mix
- Step 7:** While your adult holds the bottle, quickly pour the water with yeast into the bottle
- Step 8:** Step back and watch the foam ooze out of the bottle

## What's happening

The Hydrogen Peroxide reacts with the yeast to create Oxygen gas and heat. The expanding gas is trapped in the dish soap which creates the foam that oozes out of the top of the bottle.

*For clean-up, everything can be rinsed down the sink with plenty of running water.*



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