

Elephant Toothpaste

Elephant Toothpaste is a fun science experiment. You can adjust how detailed you get to make it developmentally appropriate.

It got it's name because it resembles elephant sized toothpaste but make no mistake! It is not something you should put in your mouth.

Note: This is a kid friendly version from ThoughtCo.



BRIGHT MINDS TRAINING
BE BRIGHTER!

What do you need?

Empty 20-ounce plastic bottle (or other container)

3% hydrogen peroxide solution (available at nearly any store)

Packet of active yeast (from the grocery store)

Liquid dishwashing detergent (such as Dawn™)

Warm water

Food coloring (optional, but it looks nice)

What do you do?

Pour 1/2 cup hydrogen peroxide solution, 1/4 cup dishwashing soap, and a few drops of food coloring into the bottle. Swish the bottle around to mix the ingredients. Set the bottle in a sink or outdoors or some other place where you won't mind getting wet foam 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.