



NATURAL  
HISTORY  
MUSEUM  
OF THE LESVOS  
PETRIFIED FOREST

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United Nations  
Educational, Scientific and  
Cultural Organization



Lesvos Island  
UNESCO  
Global Geopark

# Experiment Create a volcanic eruption!

## What you need:

- ✓ 1 small bottle
- ✓ 1 sheet of paper
- ✓ Some newspapers or any other kind of used materials
- ✓ 1 piece of a transparent paper or a thin plastic sheet
- ✓ 1 bottle of vinegar
- ✓ 1 small bag of baking soda
- ✓ 1 small bag of red paint (egg paint or food coloring)

## ADVICE

You should first inform your parents about the experiment and choose along them the place where you will implement it.

It is very important to remember that the materials after the implementation of the experiment still flow

## Instructions

1. Inform your parents about the experiment and choose along them the place where you will implement it.
2. Make a funnel with the sheet of paper and place it upon the mouth of the bottle. Pour the soda bag and the red paint bag into the bottle. Take out the sheet of paper and shake the bottle a little bit in order to mix the ingredients.
3. Place the bottle away from other household items.
4. Place newspapers or other used materials around the bottle to form a small cone. Only the mouth of the bottle should be visible, so as to look like a volcanic cone. Put the transparent paper or other kind of similar material around the cone you made to prevent any liquid to pass on the newspapers.
5. Get ready for the most important part of the experiment. Add the vinegar to the bottle.
6. Wait just a little bit. What is happening?

## Extra Tip!

Make a new mixture with a different color.  
Once the material from the first experiment is solid,  
add the new mixture to your bottle.

What's the result;