

Reading 2 – HOW TO MAKE A VOLCANO

Have you ever wondered how does a volcano erupt? Here is an experiment for you to create an erupting volcano at home. Everything you need is around your house, but make sure that an adult helps you with this experiment.

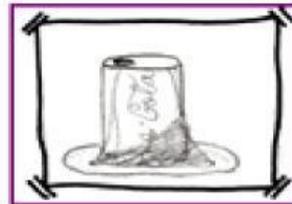
Materials needed

- an empty can of Coca-cola
- brown plasticine or clay
- vinegar
- red food colouring
- baking soda
- dish soap
- paper towel
- rubber bands
- a plastic plate
- a bowl



Steps

First, place the Coca-cola can on the plastic plate. The can forms the center of your volcano; this is where you will mix your lava.



Second, use the brown plasticine to make the shape of the volcano. Mold the plasticine from the base to the top of the can. If you use clay to make the volcano, leave it for one hour or until dry.

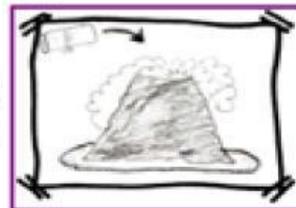
Then, mix the vinegar with the food colouring in a bowl. Add a spoonful of dish soap and stir. Carefully pour the mixture in the volcano.



Next, place the paper towel on the table; put some baking soda on it. Fold it to make a packet, keep it together using the rubber bands.

Finally, introduce the paper towel packet inside the volcano with the vinegar. The mixture of the vinegar and the baking soda makes your lava.

! Step back! When the paper towel dissolves, the vinegar and the baking soda will react and your volcano will start to erupt: all the lava will come up the volcano chimney.



18. You need to buy all the materials in a special shop.

- A. True.
- B. False.

19. The first thing you do is ...

- A. to add the colouring in the vinegar.
- B. to put the plate under the can.
- C. to mold the plasticine.
- D. to add the soap.

20. How do you mold the volcano?

- A. From the bottom to the top.
- B. From left to right.
- C. Around the can.
- D. Using paper mache.

21. According to the text, it's better to use the plasticine because ...

- A. you can decorate it.
- B. it's not expensive.
- C. real volcanoes are made of plasticine.
- D. you don't have to let it dry.

22. What is the last step in the experiment?

- A. Step back from the volcano.
- B. Put the packet with baking soda in the volcano.
- C. Carefully pour the vinegar mixture in the volcano.
- D. Fold the packet with rubber bands.

23. Why does the volcano erupt?

- A. Because it's fun.
- B. Because it's hot.
- C. Because of the reaction of soda and vinegar.
- D. Because Coca-cola has got gas.

24. How many steps are there in this experiment?

- A. 1.
- B. 10.
- C. 3.
- D. 5.