

## SCIENCE: TASK 7 (Answer key)

Hello 6th graders!

Were you able to do the **challenge**? Now, it is time to **correct**!

Remember to **keep** all the tasks, in order to **hand** in to your teacher when **school** is back in session. If you cannot print the activities (it is NOT necessary) you can write down the answers on a piece of paper or you can use a notebook.

Did you do **the experiment**? if so, just remember:

- ✓ You have to **send** to your Science teachers a **picture** or a **video** of yourself with your **volcano** and the **eruption**.
- ✓ You can also **post** some **photos** or a **video** meanwhile you are doing the experiment on our **Instagram** and tag **@stjosep #SJdesdecasa #totaniràbé #volcanoexperiment #learningisfun #Science #6PRI**

Any **questions**? Please, don't hesitate to ask us via **email**. We will be happy to hear from you:

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**Exercise 1-** Watch the following video: <https://www.ccmacat/tv3/super3/dinamiks/el-volca-explosiu/video/4610951/>

**Exercise 2-** Complete the information.

**Objective:**

- Simulate a volcanic eruption and the production of lava.

**Material:**

funnel (=embut)/ bottle/ vinegar / soap/ soda/ colorant

- A 330ml plastic **bottle**
- Red **colorant**
- One glass
- Some **vinegar**
- 3 spoonfuls of baking **soda**
- Some **soap** ("Fairy")
- A **funnel**
- A tray (=safata) /A rectangular piece of cardboard
- (Newspaper)
- (Clay)
- (Tape)

**Instructions:**

**3** Add three spoonfuls of baking soda.

**1** Cover the bottle with newspaper or make a cone with the piece of card and cut off the top. Place the plastic bottle inside the cone and glue it.

**5** Use the funnel to pour the mixture (vinegar, soap and colorant) into the bottle. And see what happens!

**4** In a glass, pour  $\frac{3}{4}$  parts of vinegar,  $\frac{1}{4}$  part of soap and red colorant. Blend it.

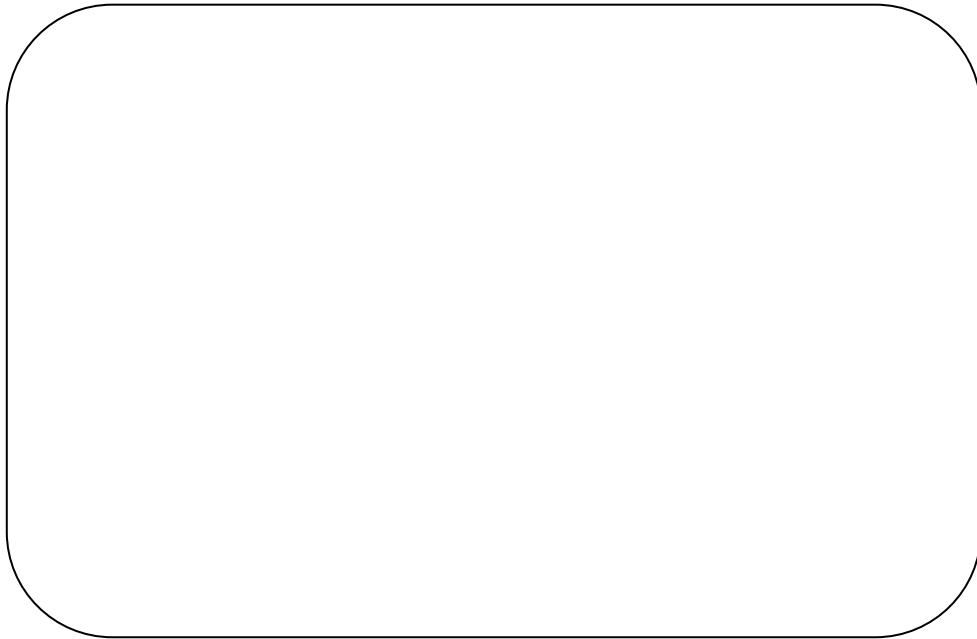
**2** Decorate the volcano. Leave the top of the volcano open and place it on a tray.

Results and conclusions:

(lava – vinegar – magma chamber – eruption – conduit – lava)

- When you put baking soda into the bottle you can see a volcano **eruption** and the production of **lava**
- **Vinegar** and baking soda simulate **lava**
- Plastic bottle simulates the **magma chamber** and the **conduit**.

Draw a picture of your volcano (send it to your teacher)



→ Do you need more **ideas** to make your volcano? Check these pictures:

- ✓ <https://stjosep.com/escola2/20170404-activitat-6pri-volcanoes/>
- ✓ <https://stjosep.com/escola2/20151221-activitat-6pri-volcans/>

