

## SCIENCE: TASK 7

Hello 6th graders!

We want you to **challenge** yourself and make an **experiment!** But before, you will need to do some activities.

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.

If you have the **opportunity**, we would be delighted if you tried to **do the experiment** and if you do so:

- ✓ 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 \_\_\_\_\_
- Red \_\_\_\_\_
- One glass
- Some \_\_\_\_\_
- Three spoonfuls of baking \_\_\_\_\_
- Some \_\_\_\_\_ ("Fairy)
- A \_\_\_\_\_
- A tray (=safata) /A rectangular piece of cardboard
- (Newspaper)
- (Clay)
- (Tape)

**Instructions:**

\_\_\_\_- Add three spoonfuls of baking soda.

\_\_\_\_- 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.

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

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

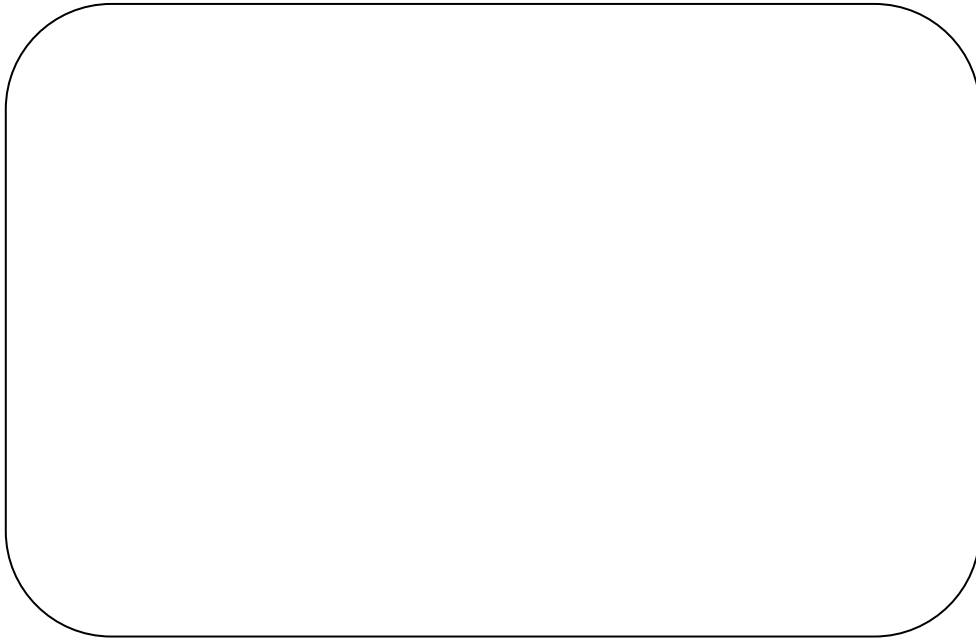
\_\_\_\_- Decorate the volcano. Leave the top of the volcano open and place it on a tray.

**Results and conclusions:**

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

- When you put baking soda into the bottle you can see a volcano \_\_\_\_\_ and the production of \_\_\_\_\_
- \_\_\_\_\_ and baking soda simulate \_\_\_\_\_
- Plastic bottle simulates the \_\_\_\_\_ and the \_\_\_\_\_

Draw a picture of your volcano.



→ 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/>

