

HOME SCIENCE DISCOVERY MISSIONS – UNDERWATER VOLCANO



Protocol

What Do We Need?

- A huge vase;
- A small glass bottle;
- Food dye;
- Hot and cold water;
- A strong thread;
- Parents help.

1. Ask your parents for help.
2. Fill up the vase with cold water.
3. Boil some water.
4. Colour the hot water with food dye.
5. Fill the small bottle with the coloured hot water.
6. Wrap some thread around the top of the bottle, the thread should be strong enough to hold the bottle with water when it is lifted.
7. Slowly place the bottle into the vase, holding on to the thread.
8. Enjoy your underwater volcano!



YOUR MISSION REPORT

- This experiment was inspired by the nature. It represents volcano explosion in the ocean or the sea.
- My parents helped me in this experiment, it was great time spent together.
- Before the experiment I did a lot of research about the underwater volcano, had a meeting with my physics teacher. (because this experiment had some steps that are from physics)
- From this experiment I learned how does a underwater volcano explode.



Did you know?
There are over a million underwater volcanos!



Country **Lithuania** Grade **8th**

Student feedback - How did you like this mission?

- not at all
 not much
 a bit
 liked it
 liked it a lot
 liked it best

Family feedback - How did you like this mission?

- not at all
 not much
 a bit
 liked it
 liked it a lot
 liked it best

Did you use the 'Learn more!' resources? Yes No

What was good/bad about this mission?

It was very fun and exiting to work with my family.