

HOME SCIENCE DISCOVERY MISSIONS – UNDERWATER VOLCANO

What Do We Need?

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



Protocol

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

- Where do you see Science in this experiment?
- How do you make a colourful underwater volcano?
- How does an underwater volcano work?
- What is the science behind the volcano experiment?



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



Learn more!

Video here:

<https://www.youtube.com/watch?v=O2Qg71ohhkM>

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?