

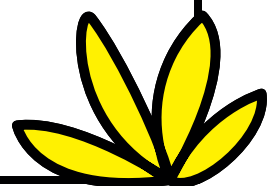


GEOTHERMAL EXPERIMENT.

HARNESS THE EARTH'S ENERGY AT HOME.

Just because you can't see it, doesn't mean it's not there. In this experiment, you will get to see how steam – like the steam that the earth creates underground – can become wonderful energy for us above ground.

**WE'D LOVE TO SEE HOW YOU GET ON.
ASK AN ADULT TO HELP YOU SHARE YOUR
PROGRESS WITH US ON SOCIAL MEDIA.**



GEOHERMAL EXPERIMENT

(DON'T FORGET TO CHECK WITH AN ADULT BEFORE STARTING THIS EXPERIMENT)

WHAT YOU WILL NEED:



AN ADULT:

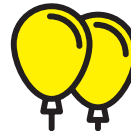
You will need boiling water for this experiment so it's important to make sure you have an adult to help you.



TWO GLASS BOTTLES



ONE JUG OF BOILING WATER
& ONE JUG OF COLD WATER



TWO DEFLATED
BALLOONS

DIRECTIONS:

1



Find a flat surface and place both your glass bottles on it, side by side.

2



COLD

Fill one glass bottle with cold water so that the bottle is approximately halfway to two-thirds full.

3



COLD

Place one balloon over the rim of the bottle with the cold water in it.

4



BOILING

With an adult's help, fill the other glass bottle with boiling water so that the bottle is approximately halfway to two-thirds full.

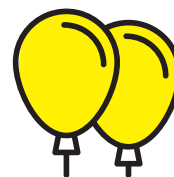
5



BOILING

Again, with an adult's help, place the second balloon over the rim of the bottle with the boiling water in it.

6



Stand back and watch what happens to the balloons.



What happened to each balloon? What does it tell you about steam, like the steam created under the earth's surface, and the energy we can harness from it?