



# TALCOTT MOUNTAIN SCIENCE CENTER & ACADEMY

## Homeschool Program

<b>Topic</b>	Kitchen Chemistry
<b>Instructor</b>	Mrs. Roberts
<b>Date</b>	5/16/25

Here's some information about the activities your student did with us. Links at the bottom will help you explore further. Thanks!

### What did we do?

We learned more about chemical reactions and electricity today!

### How did we do it?

This morning, we made "exploding" baggies using baking soda and vinegar. After snack, we made elephant's toothpaste to explore catalysts in chemical reactions. We used yeast as a catalyst to accelerate hydrogen peroxide releasing oxygen, resulting in a fun, foamy eruption! This afternoon, we had a "hair raising" time exploring how electrons move, using our Van de Graaff machine!

### Where can we find out more?

<https://thestemlaboratory.com/exploding-baggie/>  
<https://www.scientificamerican.com/article/make-elephant-toothpaste/>  
<https://thekidshouldseethis.com/post/hair-raising-van-de-graaff-generator-video>