



TALCOTT MOUNTAIN SCIENCE CENTER & ACADEMY

Homeschool Program

Topic	Kitchen Chemistry
Instructor	Mrs. Roberts
Date	4/4/25

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 began talking about chemistry and discussed the 3 states of matter, phase changes, and atoms and molecules.

How did we do it?

We first talked about the differences between solids, liquids, and gases, and students gave examples of each. They explored the differences in states of water with ice cubes and liquid water. We then explored phase changes of water by painting with dyed salt water, to show that when it dries, the water has evaporated but the dye and salt remain on the paper.

In the afternoon, we talked about how atoms are the smallest pieces of mass and combine to make molecules, then created our own molecules out of beads and pipe cleaners.

Where can we find out more?

<https://edcraft.io/blog/all-articles/states-of-matter-facts-for-kids>
<https://littlebinsforlittlehands.com/phase-change/>
<https://www.bbc.co.uk/bitesize/articles/zc86m39#zw2fn9q>