

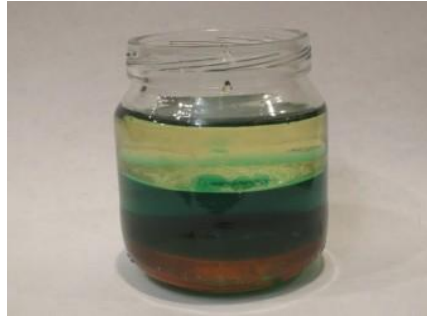


Three Fun Science Experiments for Kids



Shared by Liesl at the
[Homeschool Den](#)

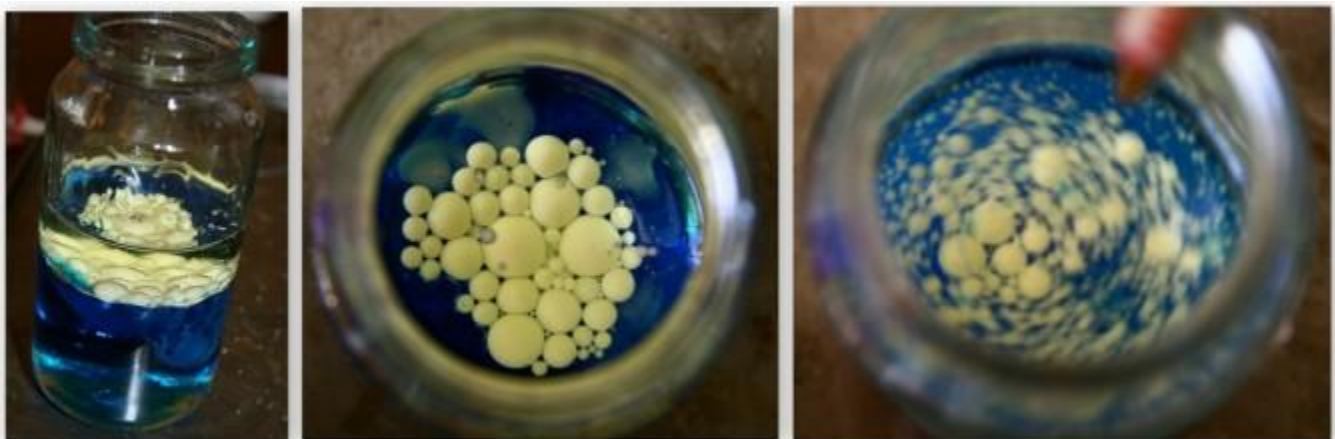
Density of Liquids: One day we talked about liquids. We learned that some liquids are more dense (heavy) than others. We put oil and colored water into a bottle. Then we added honey and watched what happened.



If you've glanced through various Montessori blogs, you'll see that pouring is wonderful skill... what better practice than to enjoy some science along with it!



Then we wanted to see what would happen when you add milk to oil and water. If you pour slowly and carefully, the milk will form droplets within the oil. The kids loved that!



Homemade Volcano:



We made a paper mache volcano with a plastic soda bottle as the base.

Paper mache:

- 1/2 cup flour, 1/2 cup water.
- Stir in 2 cups boiling water.
- Mix.
- Put newspaper strips in the mixture and glop it onto the plastic bottle. I think their projects were more charming being slopped on haphazardly! Once they were dry (it took several days in dry conditions), we painted ours brown.

Then comes the fun part!! Get your lava ready!

Lava:

- 1/2 cup baking soda into the volcano.
- In a pitcher mix 1/2 cup water, 1/2 cup vinegar, 1/4 cup dishwashing liquid, red food coloring.
- Pour the vinegar mixture into the can and watch the lava flow!

TaDa!

Make Your Own Fossils -- The kids made their own fossils several times over the years. The picture below includes some are impressions from LD's Thunderbird rockets which he was really into at the time (age 4 or so). DD made dinosaur tracks and impressions of a beetle, dragonfly and fly.



The recipe for making fossils is pretty easy:

- 2-3 Tablespoons used coffee grounds
- 2/3 cup salt (a little less)
- 2/3 cup flour
- enough cold coffee to make the mixture dough-like
- Make your impressions and then bake in a low heated oven for a while (an hour on one side, an hour on the other).