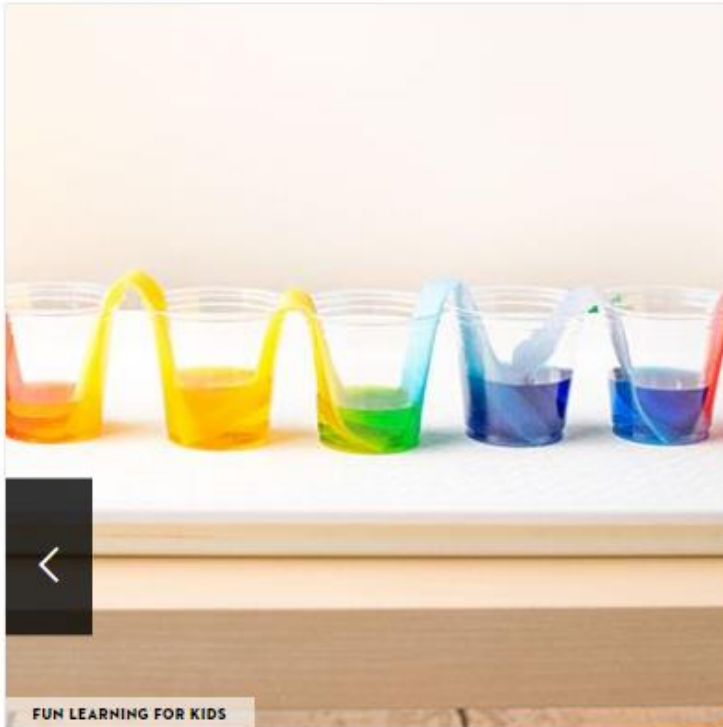


# OUR FAVOURITE SCIENCE EXPERIMENTS

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Ideas from <https://www.goodhousekeeping.com/life/parenting/g32176446/science-experiments-for-kids>

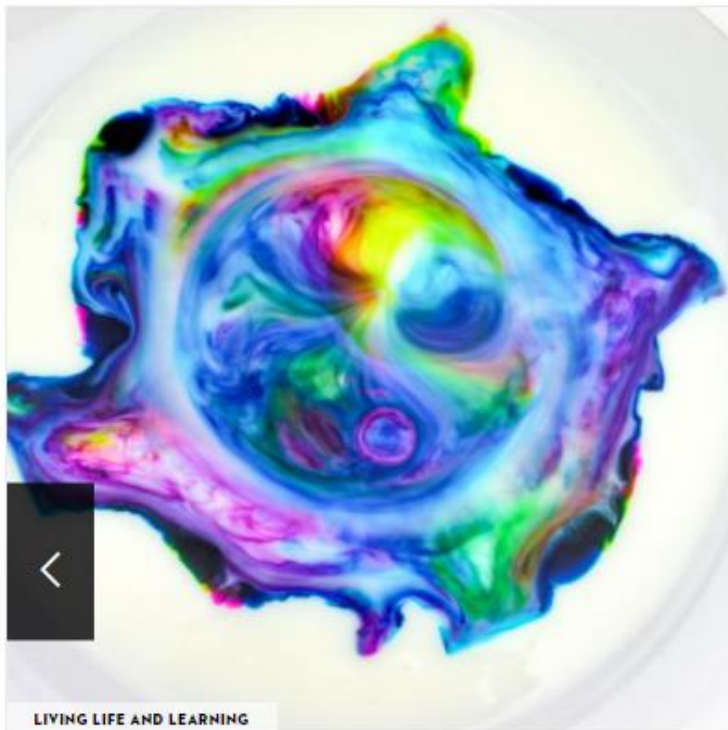


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## Water Walking

You'll need six containers of water for this one: three with clear water, one with red food coloring, one with blue coloring, and one with yellow coloring. Arrange them in a circle, alternating colored and clear containers, and make bridges between the containers with folded paper towels. Your kids will be amazed to see the colored water "walk" over the bridges and into the clear containers, mixing colors, and giving them a first-hand look at the magic of capillarity.

[Get the tutorial at Fun Learning for Kids »](#)

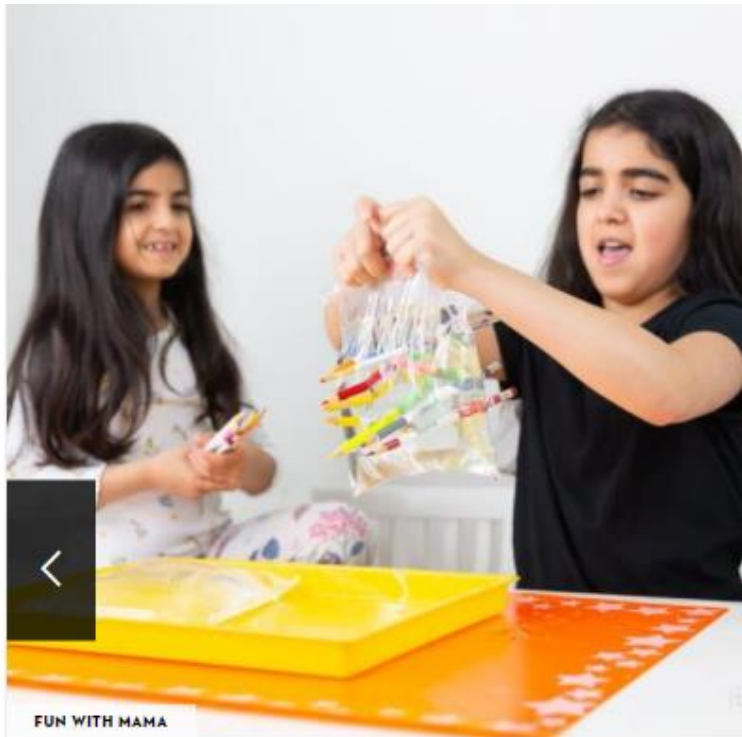


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## Magic Milk

Put a few drops of food coloring in a shallow bowl of milk, and they'll stay that way – as self-contained blobs. But add a little dish soap to a toothpick or a Q-tip and touch the food coloring, and the colors will swirl around on their own like magic. It all has to do with surface tension: At first, the food coloring stays on the surface, but the soap causes a chemical reaction that breaks the surface tension.

[Get the tutorial at Live Life and Learning »](#)



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## Pencils Through a Bag of Water

Kids might guess that if you pierce a bag of water with a sharpened pencil, the water would all leak out. In fact, if you do it right, the polymers of the bag's plastic will re-seal around the pencil, and your counters will stay dry (and your kids will be amazed). You can get them thinking about the chemical compositions that make up everyday items.

[\*Get the tutorial at Fun With Mama »\*](#)

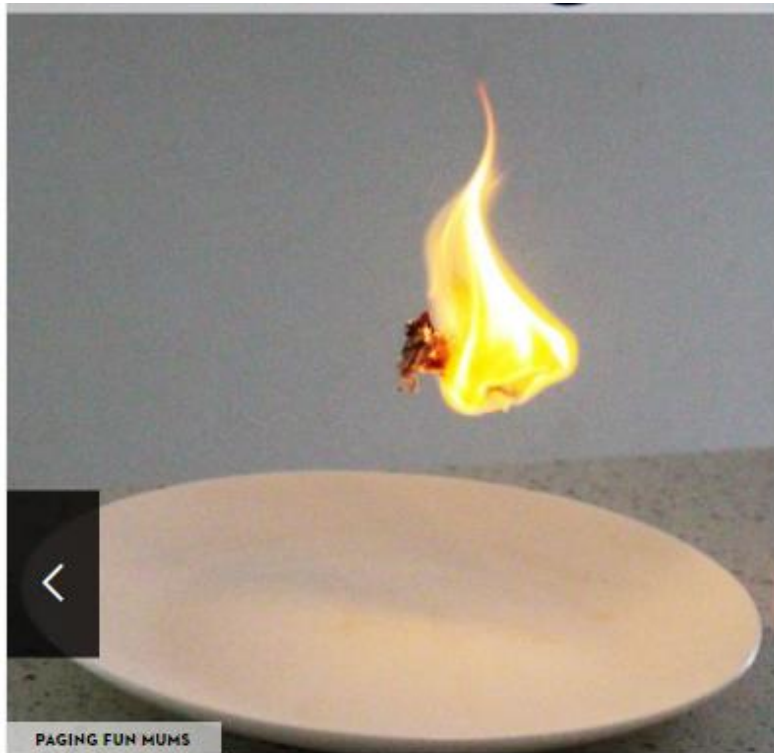


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## Self-Inflating Balloon

A twist on a vinegar-and-baking-soda experiment, if you put baking soda in an empty bottle and vinegar in a balloon, when you attach the balloon over the mouth of the bottle and let the vinegar pour in, the resulting gas will be enough to inflate the balloon on its own. Bonus: This experiment is less messy than a vinegar-baking-soda volcano.

[\*Get the tutorial at Mess for Less »\*](#)



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## Tea Bag Rocket

Want a memorable way to teach kids that hot air rises? Take the tea out of a tea bag, hollow it out and stand it up, and (carefully) take a match to it. The hollowed-out bag is so light, it rises along with the hot air, and becomes a flying tea bag.

[Get the tutorial at Paging Fun Mums »](#)

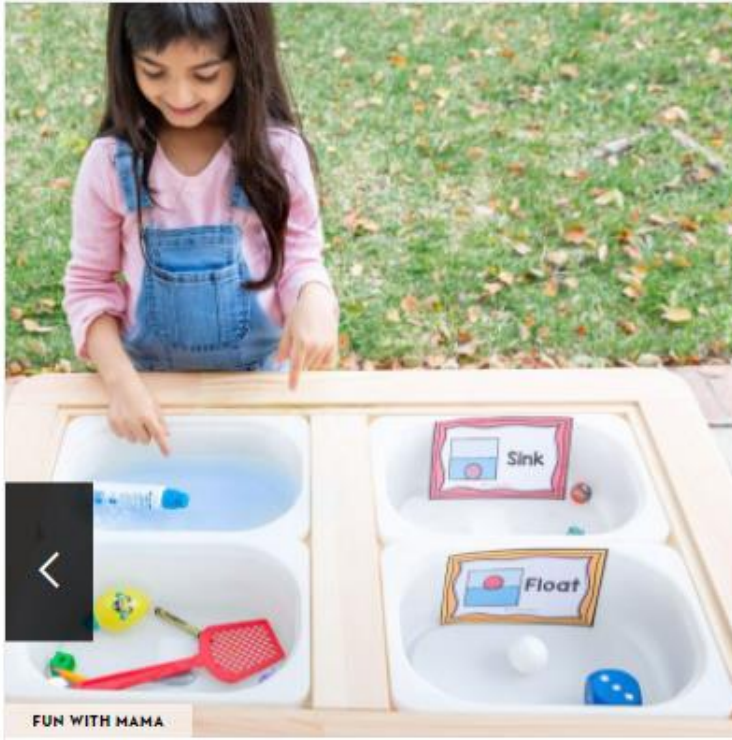


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## Lava Lamp

Oil and water with food coloring don't mix, teaching kids about density. For fun, add an antacid tablet, and bubbles start to flow all around like a groovy lava lamp.

[Get the tutorial at Rookie Parenting »](#)

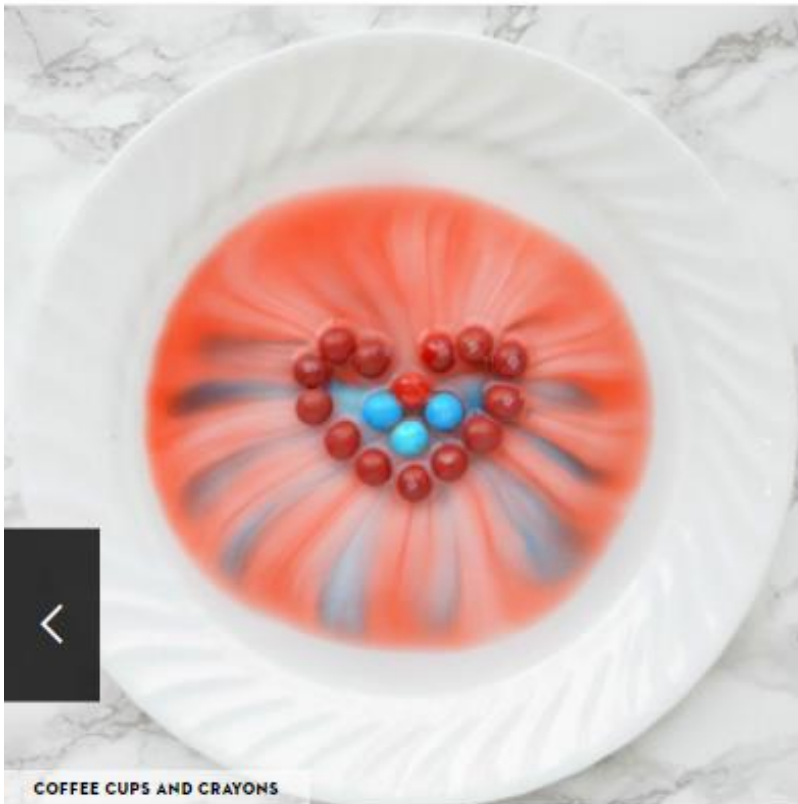


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## Sink or Float?

Having kids figure out what makes certain objects sink and what makes them float is a good way to teach them about density – and an even better way to get them practicing the scientific method, if they make a hypothesis first about what will sink and float and then measure the results.

[Get the tutorial at Fun with Mama »](#)



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## Skittles Patterns

For another experiment you can do with food, set Skittles into a shallow bowl of water, and see how the colors swirl. Skittles are basically pure sugar and dissolve in water, so you can use this as an intro to solvents, solutes, and solutions.

[Get the tutorial at Coffee Cups and Crayons »](#)



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## Grow an Avocado Tree

For an easy lesson in Earth Science, your family can grow an avocado tree from a pit. You can buy an [AvoSeedo kit](#), or just peel the seed and suspend it over water with toothpicks.

[Get the tutorial »](#)



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## Shaving Cream Water Cycle

Give students a brush-up on the water cycle by setting shaving-cream clouds on top of a glass of water. Use a dropper to add in blue water, and when the clouds get saturated – blue rain.

[Get the tutorial at Alice and Lois »](#)

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