

Coollest Science Experiments for Kids at Home

Searching for kid-friendly science experiments to do at home? These cool science experiments for kids are super easy and a lot of fun for kids of all ages. Who knows, mom and dad may end up learning a new thing or two, too!

Make sure that the kids are supervised and are safe during these experiments!

1. Learn about the crystallization process by [growing rock candy in a glass](#).
2. Dish soap, pepper, a toothpick, and a little bit of water are all kids need to feel like science wizards. Watch a little drop of soap chase pepper away in the [Pepper & Soap Experiment](#).
3. Make a [lava lamp](#) by pouring vegetable oil into water and then sprinkling salt on it to make the blob of oil move.
4. Learn about surface tension by [dropping food coloring into milk](#) and watch as the colors move when you add some soap.
5. Mix [Diet Coke and Mentos](#) and stand back to watch the explosion. (Really! Stand back.)
6. Use lemon juice to [make invisible ink](#) that can only be seen when held up to a heat source.
7. Make [homemade ice cream in a bag](#): shake salt, ice, cream, and sugar vigorously until the consistency is right, then enjoy.
8. Drop Pop Rocks into a bottle of soda and then place a balloon onto the opening to [watch it inflate](#).
9. Force an [egg to fit into a bottle](#) by creating a suction using heat.



Make sure an adult lights the candle for this amazing egg in a bottle science experiment.

10. Change how an egg floats or sinks in a glass by adding salt to the water.
11. Turn milk into a [material that acts like plastic](#) using white vinegar.
12. Mix a batch of bread dough and separate it into several different bowls; place them in different places (outside, inside, in the dark, in the light) to see which environment yeast thrives in.

13. Grow mold on bread by putting slices in different environments (in a bag in the dark, in a bag in the sunlight, out in the open, in the refrigerator); see which one gets moldy first.
14. Have your kids close their eyes and hold their nose and see if they can still identify foods by taste.
15. Dabble in some kitchen science while making this yummy [ricotta cheese](#).
16. Your egg will be so embarrassed when you leave it naked! [Dissolve](#) the shell right off an egg by simply placing it in a cup of vinegar.



Watch vinegar dissolve the shell of an egg!

17. Map their taste buds by dipping Q-tips into different flavors and placing them on different areas of your tongue.
18. Explore the fat content of different foods by wiping them on a brown paper bag; fatty foods leave behind a greasy spot, while fruits and vegetables leave no trace at all.
19. You will be squeaky clean after creating this satisfying [non-sticky putty](#) by simply combining cornstarch and dish soap.
20. Whip up some [Oobleck](#), a fascinating non-Newtonian fluid that can act like a solid or a liquid depending on certain conditions.
21. Microwave Ivory soap (or any soap that floats) to create a bizarre [puffy soufflé](#).
22. Borax plus glue equals [homemade slime](#).



Add a little food coloring to make colored slime