



**EXPLORABLE**  
*Think Outside The Box*

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## Kids' Science Projects



Here are a few suggestions on how to construct kids' science projects.

**EXPLORABLE**  
*Quiz Time!*



**Quiz:**  
Psychology 101 Part 2



**Quiz:**  
Psychology 101 Part 2



**Quiz:**  
Flags in Europe

[See all quizzes =>](#)

## Ideas for Science Projects

- [Paper Towel Experiment](#) <sup>[1]</sup>  
Which paper towel are more absorbent?
- [Mold Bread Experiment](#) <sup>[2]</sup>  
Does Mold grow quicker at higher temperatures?
- [The Pendulum Experiment](#) <sup>[3]</sup>  
What goes up must come down!
- [Popcorn Experiments](#) <sup>[4]</sup>  
Experiments with popcorn are a fun way to test a scientific theory with the added bonus of having some tasty food to eat afterwards.
- [Paper Airplane Experiment](#) <sup>[5]</sup>  
This experiment, as well as being great fun, is a chance for us to study something called 'The Laws of Aerodynamics.'
- [Charge a Light Bulb Experiment](#) <sup>[6]</sup>  
Charge a light bulb with the use of comb with the Charge a Light Bulb Experiment. In

this experiment, we will charge a light bulb just with the use of a comb and no other means of electricity.

- [The Lifting Ice Cube Experiment](#) [7]  
The Lifting Ice Cube experiment is a trick that will let you lift ice cubes without getting your hands wet or making use of a spoon!
- [The Magic Egg Experiment](#) [8]  
Did you know that you could make an egg bounce? Try the Magic Egg experiment and see how it works.
- [The Magic Jumping Coin Experiment](#) [9]  
If you want to learn a magic trick on thermal expansion, try the Magic Jumping Coin Experiment!
- [The Salt Water Egg Experiment](#) [10]  
The Salt Water Egg Experiment explains why materials (such as an egg) float more in salt water than in fresh water.
- [The Invisible Ink Experiment](#) [11]  
Have you ever tried making invisible ink? The Invisible Ink experiment shows you how to do it.
- [The "Making a Rainbow"-Experiment](#) [12]  
With this Making a Rainbow experiment, you'll be able to understand how rainbows are formed because you are going to make one yourself.
- [The Oil Spill Experiment](#) [13]  
This Oil Spill experiment will help you understand the detrimental effects of oil spills to the marine ecosystem.
- [The Balloon Rocket Car Experiment](#) [14]  
Creating your own Balloon Rocket Car has got to be one of the most exciting experiments that you can do at home, with your friends and family.
- [How to Build an Electromagnet](#) [15]  
An electromagnet is a type of magnet that attracts metals with the help of electricity.
- [The Corrosiveness of Soda Experiment](#) [16]  
In this experiment, we will be investigating the corrosiveness of soda. If you are one of those people who can't last a day without drinking soda, read on.
- [How to Create a Heat Detector](#) [17]  
In this experiment, you will learn how to create your very own heat detector. By creating a heat detector, we will demonstrate the effect of heat to different kinds of materials.
- [The "Volcano Experiment"](#) [18]  
In the Volcano Experiment, you will learn how different substances react when they are mixed with each other.
- [The Egg in a Bottle Experiment](#) [19]  
This experiment illustrates the effects of air pressure.
- [The Fruit Battery Experiment](#) [20]  
Ever heard of a fruit battery? In this simple experiment, we will be creating our own battery with the use of citrus fruits, with a power that is strong enough to make a small bulb light up.
- [The Home-made Glue Experiment](#) [21]  
Have you ever tried creating home-made glue? By performing this experiment, you will learn different ways on how you can create glue and what materials can be used to create one!
- [Home-made Stethoscope](#) [22]  
A stethoscope is a medical instrument used for listening to the sounds of the body. Usually it is used to listen to the sounds made by the heart, breathing, among others.

- [The Magic Balloon Experiment](#) [23]  
Have you ever heard of magic balloons? In this experiment, you will witness a balloon inflating without you blowing it up!
- [How to Make a Matchbox Guitar](#) [24]  
If you are into music then you will definitely love this matchbox guitar project! A guitar is a string musical instrument that you pluck in order to create a sound.
- [Make Your Own Slime - Experiment](#) [25]  
Have you ever played with slime? Do you even know what that gooey brightly coloured material is actually made of?

## Some Famous Ancient Experiments are Easy Replicate!

- [Heron's Aeolipile Experiment](#) [26]  
A steam engine that worked on exactly the same principle as the great machines of the industrial revolution and many modern electricity-generating turbines.
- [Archimedes Screw Experiment](#) [27]  
A device still used around the world as a simple and efficient method of moving liquids and solid particles.
- [Build an Astrolabe](#) [28] - Navigation and Mapping the Stars  
The astrolabe is an instrument that allows observers to measure the position of celestial bodies relative to the horizon, which allows accurate star mapping.
- [Archimedes Displacement Experiment](#) [29]  
Repeat the experiment that made a naked man run down the street shouting 'Eureka! Eureka!'
- [Make Heron's Fountain](#) [30]  
How potential energy can provide power, using water and gravity, and air and compression
- [Sundials](#) [31]  
An Ancient Estimate the Time of the Day

## Conducting an Experiment

[Conducting science experiments](#) [32] isn't as hard as you think, the problem is often to come up with the [idea](#) [33] for the project.

After you've conducted the experiment, you've still got to [write a paper](#) [34] about the experiment afterward.

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**Source URL:** <https://explorable.com/kids-science-projects>

### Links:

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