Kids' Science Projects

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

Ideas for Science Projects

- **Paper Towel Experiment** [1]
  Which paper towel are more absorbent?
- **Mold Bread Experiment** [2]
  Does Mold grow quicker at higher temperatures?
- **The Pendulum Experiment** [3]
  What goes up must come down!
- **Popcorn Experiments** [4]
  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** [5]
  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** [6]
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.

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

Links: