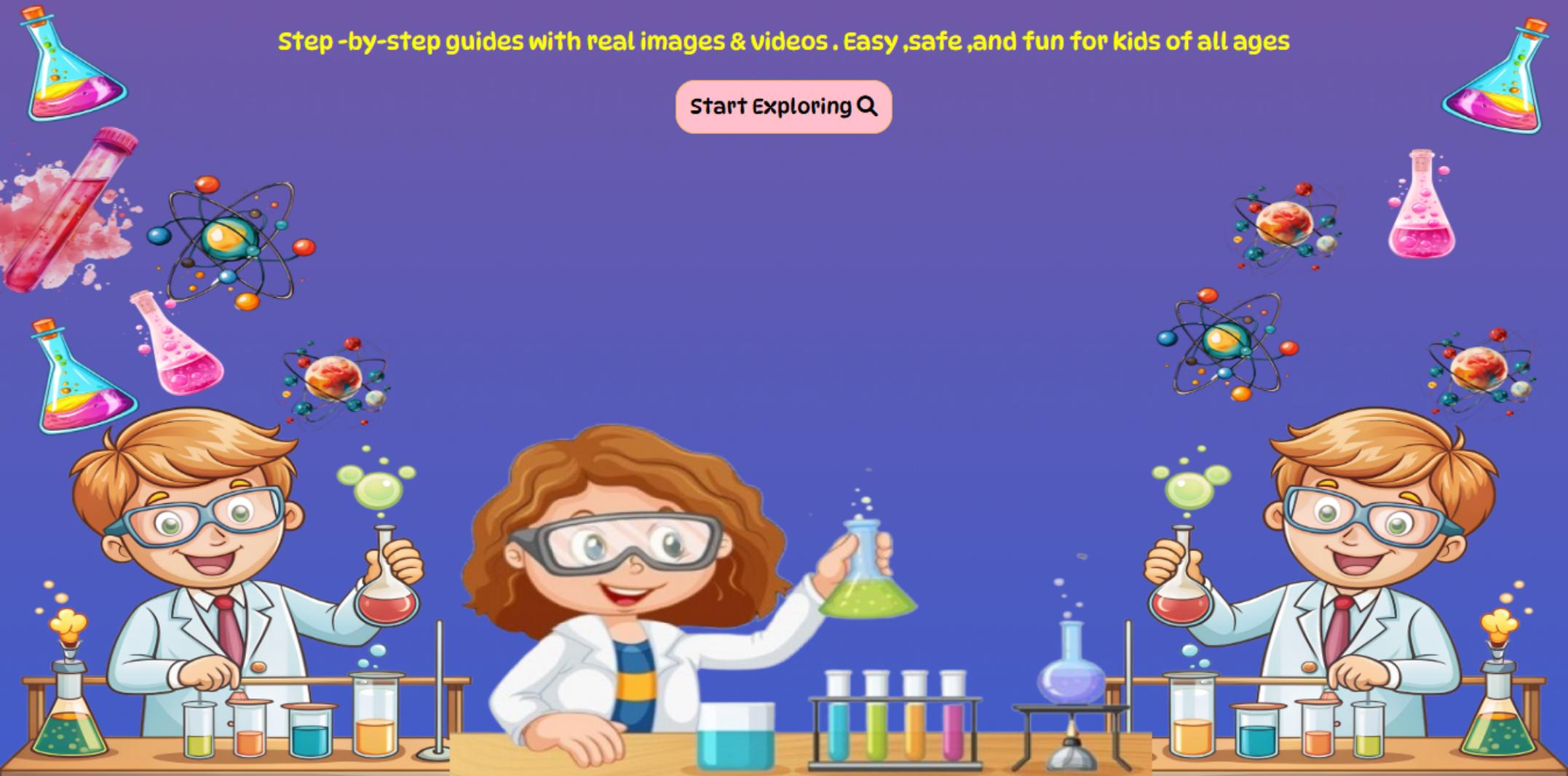




## “Fun & Exciting DIY Projects For Kids !”

Step -by-step guides with real images & videos . Easy ,safe ,and fun for kids of all ages

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# About Us

At Junior Innovator, we believe that every child is a scientist at heart! Our platform is designed to make learning exciting, hands-on, and accessible for students of all ages. Through interactive, step-by-step experiments, we help young innovators explore the wonders of science in a fun and engaging way. Whether it's erupting volcanoes, making slime, or discovering the magic of physics, our experiments bring science to life!

We are passionate about turning curiosity into creativity. Our carefully crafted projects encourage students to think critically, ask questions, and develop problem-solving skills—all while having fun! By making STEM (Science, Technology, Engineering, and Math) learning enjoyable, we hope to inspire the next generation of young scientists and inventors.

Beyond experiments, Junior Innovator is a community where students can showcase their projects, share ideas, and celebrate their discoveries. We invite students, parents, and educators to join us in making science an exciting and unforgettable journey.

# Our Mission

Our mission at Junior Innovator is to ignite a passion for science, creativity, and problem-solving in students through hands-on experiments and engaging STEM activities. We aim to:

- Make STEM learning exciting and accessible for students of all ages.
- Encourage creativity and critical thinking through engaging experiments.
- Provide a safe and inspiring space for students to share their discoveries.
- Build a community of young scientists who learn, explore, and grow together.

At Junior Innovator, we believe that every student has the potential to be a scientist, inventor, and changemaker—all they need is curiosity and the right tools to explore the world around them.



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## All Science Projects!



Chemistry



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## Trending Projects



Baking Soda  
& Vinegar Volcano 🌋



Invisible ink



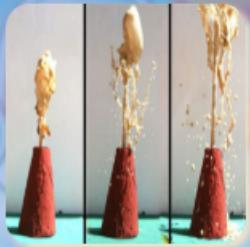
Lava Lamp





## Chemistry

Search Experiments



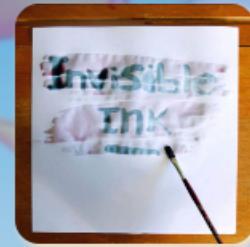
Baking Soda  
& Vinegar Volcano 🌋



Color-Changing  
Milk Experiment 🎨



Lava Lamp with  
Oil & Water 🌈



Invisible Ink  
with Lemon Juice 🍋



# How to Make a Volcano

**Materials:**

- 10 ml of dish soap
- 100 ml of warm water
- 400 ml of white vinegar
- Food coloring
- Baking soda slurry ( $\frac{1}{2}$  cup baking soda mixed with water)
- Empty 2-liter soda bottle

**Instructions:**

**NOTE:** This should be done outside due to the mess.

1. Combine the vinegar, water, dish soap, and 2 drops of food coloring into the empty soda bottle.
2. Use a spoon to mix the baking soda slurry until it is a liquid.
3. Pour the baking soda mixture into the soda bottle quickly and step back!

[Watch the Quick and Easy Video Tutorial!](#)

**How it Works:**

A chemical reaction between vinegar and baking soda creates a gas called carbon dioxide. Carbon dioxide is the same type of gas used to make carbonation in sodas. When the gas builds up inside the bottle, it forces the liquid out, creating an eruption!

**Extra Experiments:**

1. Does the amount of vinegar change the eruption?
2. Does the amount of water change the eruption?
3. Does the amount of baking soda change the eruption?



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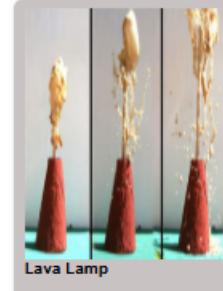
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Baking Soda & Vinegar Volcano 🌋



Invisible ink



Lava Lamp

