

# SCIENCE INVESTIGATIONS AND PROJECTS

## PAPER AIRPLANE TOSSING



Fold a variety of paper airplanes and record how far each one flies over a series of tosses. Which one flies the farthest? Why is that design the most efficient?

## GROWING GUMMY BEARS



Using different liquids (water, salt water, juice, soda, etc.) observe how gummy bears expand, or don't, in a variety of solutions and determine why that is. Don't forget to measure and record the size of your gummy bears before and after!

## GERM BUSTERS

Using a few pieces of bread, some zip-top baggies and two hands, discover what methods of washing hands are the most effective, based on the amount of mold you grow! Will it be a hand sanitizer that works best? Traditional soap and water? Or maybe another nontraditional liquid you try will kill germs best!



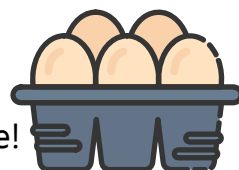
**Have an upcoming science fair presentation or just want to set up a science investigation for fun or with a group? Here's how to get started along with a few simple project ideas using everyday supplies!**

**[Click here to dive deeper into scientific investigations.](#)**

1. Pick an interesting topic and generate a list of as many questions as you can think of that relate to the topic.
2. Help your kiddo come up with a way to test their questions in a realistic and safe way.
3. During the experiment implementation, guide your kiddo through the steps they've determined are necessary to test their theories and help them record the process.
4. Allow your kiddo to create the presentation board on their own or with minimal help from you.

## FLOATING EGGS

This experiment explores how to make an egg float using saltwater. Students can explore the amount of salt dissolved in water, it will take to increase the buoyancy of the egg and cause it to rise to the top of the container. Think of the Great Salt Lake in Utah! What a great connection to make!



## SWEET TOOTH

The effects of sugar on teeth - While tasty, we know sugary drinks are not the best for us or our teeth. Using different beverages, like juices, sodas, coffee, tea, and sports drinks and eggs, we can determine which have the most impact on our dental health and which are not as bad as we think!

