

CANDY SCIENCE



Dissolving Candy Lab

Enjoy sweets and science in this fun hands-on activity with a dissolving candy experiment!

Step 1: Place one piece of candy in each jar. We used four jars and four different liquids.

Step 2: Pour a different liquid into each jar, You can use warm water, rubbing alcohol, vinegar, and cooking oil. Additionally, you can try juice, soda, seltzer, or milk! Make sure you note which jar has which in it.

Step 3: Observe the jars over several hours to see what happens to the candy. Alternatively, you can set a specific time allotment and record the results after a set period of time! Or even come back to it the next day.

YOU WILL NEED:

Candy
Small glass or plastic jars
Warm water
Rubbing alcohol
Vinegar
Cooking oil
Stir sticks

THE SCIENCE

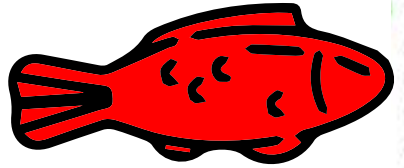
WHY DOES CANDY DISSOLVE?

Generally, a sugary candy will dissolve in water because water and sugar are highly attracted to one another. Water is made of hydrogen and oxygen and so is sugar!

WHY ARE SOME LIQUIDS BETTER SOLVENTS THAN OTHERS?

Solubility is how well something is able to dissolve in a solvent. What you are trying to dissolve may be a solid, liquid, or a gas and the solvent could also be a solid liquid or a gas. So testing solubility is not limited to testing a solid in a liquid solvent! But, that's what we are doing here with our dissolving candy.

DISSOLVING CANDY LAB



	1 MINUTE	6 HOURS	12 HOURS	24 HOURS	48 HOURS
WATER					
RUBBING ALCOHOL					
VINEGAR					
COOKING OIL					

What do you think will happen to each fish?

Which jars had a change and which didn't? Why do you think that is?

Can you think of any everyday examples of a similar thing happening?

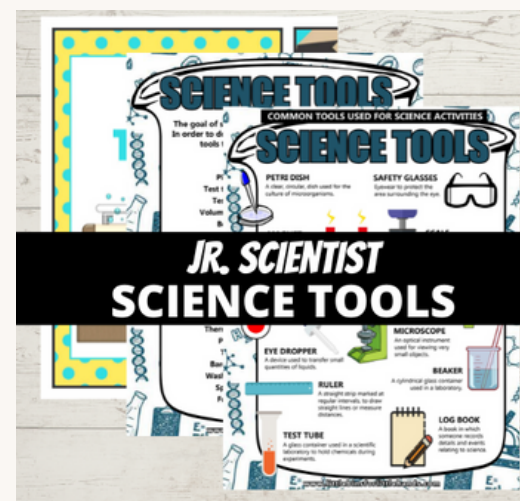
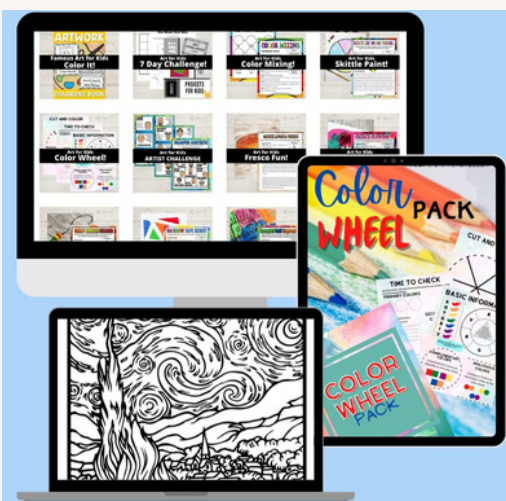
LITTLE BINS^{inc.} FOR LITTLE HANDS

Are you ready to . . .

- ✓ Find manageable science, engineering, and art projects that kids love doing and are budget-friendly.
- ✓ Stop entering your email address over and over for each activity.
- ✓ Spend less time prepping with our easy instructions, templates and supply lists.
- ✓ Spend more time engaging with your students, groups or kiddos.



CLICK HERE TO JOIN



Meet the Little Bins for Little Hands Duo!

Hi! My name is Sarah, and this is my son Liam. He's actually 13 now. We still LOVE playing around with science and STEM at home.

I shared a simple baking soda and vinegar science activity ten years ago with him. Since then, we've been hooked! Together we have enjoyed 100s of science experiments that are low cost, easy to set up, and just plain FUN!

I always aim to provide the BEST science activities and STEM projects that fit your time and budget! We hope you enjoy the materials we have put together for you today!

~Sarah and Liam

