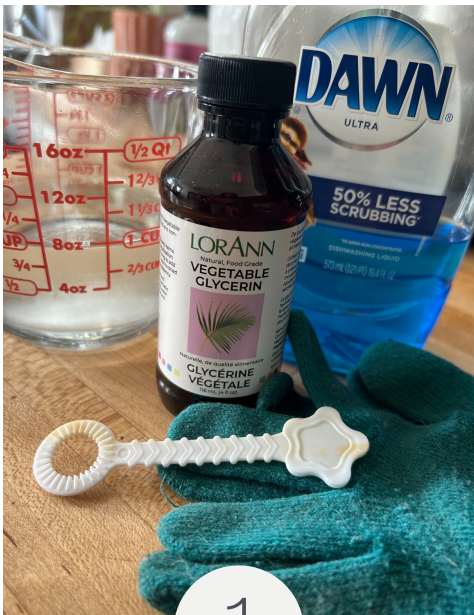


BOUNCING BUBBLES EXPERIMENT

Materials Needed: 1 Cup Distilled Water, 2 Tablespoons Dish Soap (Dawn works best), 1 Tablespoon Glycerin (may substitute sugar or corn syrup), Cotton Gloves

Instructions: Gather all your materials. Mix the water, dish soap, and glycerin until combined. For best results, let it sit for a few hours or overnight. Use a bubble wand or straw to blow bubbles. With a gloved hand, see if you can bounce the bubbles.

Tips: The longer the solution sits after mixing the better. You can sub the glycerin for sugar or corn syrup, but glycerin works best. Use a glove to bounce the bubbles off of, as the softness of the glove protects the bubble and acts as a barrier from dirt and oil.



1

GATHER
MATERIALS



2

MIX
INGREDIENTS



3

BLOW
BUBBLES

The Science: A bubble is air trapped inside 2 layers of soap and 1 layer of water that form a sphere. The sphere forms because of surface tension. Bubbles pop when touched or when the water layer (the middle layer) dries up. The glycerin delays the evaporation of the water, creating a longer lasting bubble.