

cosmetics and compounds

Mix, blend, create, and watch! See below on how to master creating lip gloss that glows in the dark, lava flowing perfume, and fizzing creations!

Instructions & Tips:

Before you begin any of your experiments...

- Make sure to read all instructions carefully.
- Adult supervision is required.
- Keep small children away from the chemicals used in this activity.

Prepare Your Work Area:

- Find a flat surface that you can use as your work area.
- Cover your work area with scrap paper, newspapers, or paper towels.
- Lay out all of your materials in front of you before you begin.

Optional Contents for Additional Experiments:

- Club Soda • Food Coloring • Antacid Tablets • Shaving Cream • Salt
- Baking Soda • Vinegar • Dish Soap • Rubbing Alcohol • Honey
- Corn Syrup • Maple Syrup • Tonic Water • Pasta • Crayon • Penny

WARNING:

THIS SET CONTAINS CHEMICALS THAT MAY BE HARMFUL IF MISUSED. READ THE INFORMATION IN THE INSTRUCTION MANUAL. IF SPLASHED IN THE EYES, OR ON SKIN, FLUSH THOROUGHLY WITH WATER. GET MEDICAL ATTENTION IMMEDIATELY IF SPLASHED IN EYES. NOT TO BE USED BY CHILDREN EXCEPT UNDER ADULT SUPERVISION. NOT RECOMMENDED FOR CHILDREN UNDER 8 YEARS OF AGE.

Experiment 1: Lava Perfume

What You Will Need:

Perfume Base, Fragrance Dropper, Shimmer Mica, Jojoba Oil, Pipette, Roller Perfume Bottle, Test Tube, Work station

Instructions:

Step 1: Remove the cap from one of your bottles and carefully unscrew the roller ball top. If you are having trouble removing the ball cap, ask an adult for help!

Step 2: Add about 2ml of perfume base inside, along with a few drops of fragrance.

Step 3: Using one of your test tubes, mix together some shimmer mica along with about 1-2ml of jojoba oil.

Step 4: Place the pipette inside the test tube and watch it fill with the liquid. Place the pipette directly into the bottle and squeeze the bubble at the top to release the colorful shimmery mixture.

Step 5: Place the roller ball top on securely, as well as the colorful cap. Then, turn your perfume upside down and all around to watch as it slowly moves like shimmer lava! To apply the perfume, simply remove the cap and roll it onto your wrists, neck, and any other area you want to smell nice!

Experiment 2: Glow-in-the-Dark Lip Gloss

What You Will Need:

Lip Gloss Base, Flavor Dropper, Jojoba Oil, Mixing Stick, Measuring cup, Roller Perfume Bottle, Work station

Instructions:

Step 1: Remove the cap from one of your bottles and carefully unscrew the roller ball top. If you are having trouble removing the ball cap, ask an adult for help!

Step 2: Squeeze all of your lip gloss base into the measuring cup. Then, squeeze the entire bottle of fragrance into the measuring cup (unless you want your scent to be fainter) and add about 10 drops of jojoba oil. Use your mixing stick to mix together.

Step 3: Very carefully pour your mixture into the roller bottle.

Step 4: Place the roller ball top on securely, as well as the colorful cap. Decorate with glow in the dark stickers!

Step 5: Use your UV light key chain to watch the stars glow on your lip gloss bottle ! To apply, simply remove the cap and roll onto your lips.

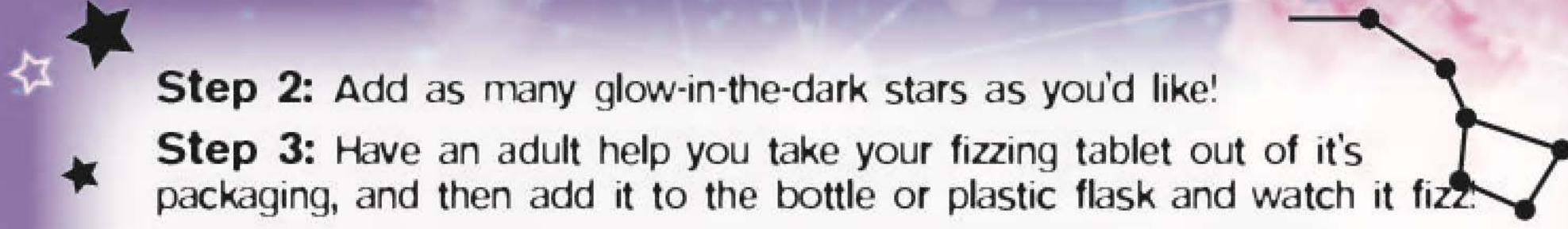
Experiment 3: Fizzing Glow Jar

What You Will Need:

Bottle, Glow-in-the-Dark Stars, Fizzing Tablet, Measuring cup, plastic flask, Water (Not Included), Oil (Optional), Vinegar (Optional), Baking Soda (Optional)

Instructions:

Step 1: Lay some paper towels out and place your bottle on top. Add about 30ml of water to the bottle or plastic flask.



Step 2: Add as many glow-in-the-dark stars as you'd like!

Step 3: Have an adult help you take your fizzing tablet out of its packaging, and then add it to the bottle or plastic flask and watch it fizz!

Add some oil to the top and watch as the reaction changes! Try using the jojoba oil, as well as other oils from home! Then, try adding vinegar and watch what happens! Next, add in baking soda to see what kind of reaction that creates!

Extra Experiments Using At Home Ingredients!

Once you've finished making your lip gloss, perfumes, and fizzing experiment, follow the below instructions to complete even more amazingly awesome experiments!

Experiment 4: Ocean In A Bottle

What You Will Need: Test Tube, Mineral Oil, Mixing Stick, Tap Water, Blue Food Coloring

Step 1: Fill about 1/3 of your test tube with water.

Step 2: Add as many drops of your food coloring as you'd like!

Step 3: Mix ingredients with a mixing stick. This can be the end of a paint brush, a wooden dowel, or anything you can find at home!

Step 4: Now add mineral oil! You can add as little or as much as you'd like.

Step 5: Place your cap onto the test tube. Bring your test tube over a bowl or sink and tip it left to right to watch your small ocean come to life!

Note: Make sure to tip gently, as the lid is not air tight and ingredients may leak!

Experiment 5: Squishy Soap

What You Will Need: Cornstarch, Mineral Oil, Coloring Dye, Bowl, Liquid Soap

Step 1: Grab a bowl from home and fill it with ½ cup of cornstarch, 1/8 cup of liquid soap, 4 teaspoons of mineral oil, and a drop or two of coloring dye. If you want to use a color other than the one that comes in the kit, you can use any food coloring you have at home!

Step 2: Using your hands, mix all of the contents together.

Step 3: Once every thing's been combined, you will find yourself with squishy soap.

Experiment 6: Hot Pack

What You Will Need: Baking Soda, White Vinegar, Measuring Spoon, Plastic Bags, Pot, Container

Step 1: Fill your pot with about 3 cups of the white vinegar. Then very slowly pour 3 tablespoons of baking soda into the same pot. Make sure to add a little bit at a time to avoid bubbling over.

Step 2: Have a parent or guardian place the pot on the stove and boil on medium heat for around 30-60 minutes. You should start to see crystals form on the wall of your pot as the liquid reduces.

Tip: Sometimes science is stinky! This particular step has a little bit of a stench to it, so make sure to work in a well-ventilated area.

Step 3: Once the liquid has reduced down, be on the lookout for a thin layer of film over the surface – this is when you know it's time to take it off of the heat!

Step 4: Pour the liquid into a container, and leave the crystals in the pot until they have cooled completely.

Step 5: Once the crystals have cooled, scrape them off of the walls of the pot and put them into a plastic bag and set aside.

Step 6: Now go back to your container filled with liquid, and while it's still warm, pour the contents into another plastic bag and place this into the freezer for about 10-15 minutes. Now that your solution is chilled, it's ready for use!

Step 7: In order to activate the hot pack, open up the bag with the solution in it and drop in a pinch of the crystals. You'll see it quickly heat up the entire solution! Mixing baking soda and vinegar creates something called sodium acetate! This is the same way that most store-bought hand warmers work!

Experiment 7: Cold Pack

What You Will Need: Citric Acid, Baking Soda, Tap Water, Zip Lock Bag

Step 1: Measure 1 teaspoon of citric acid and add it to a zip lock bag.

Step 2: Measure 1 teaspoon of baking soda and add it to the zip lock bag as well.

Step 3: Seal the bag and gently shake it up to mix the contents.

Step 4: You will have to do this next step quickly! Pour tap water into the bag and quickly zip it up! The bag begins to expand, and becomes extremely cold! When you mix citric acid and baking soda, it creates carbon dioxide gas. The gas fills the bag which is what causes it to expand! This is also what causes the temperature to drop so low!