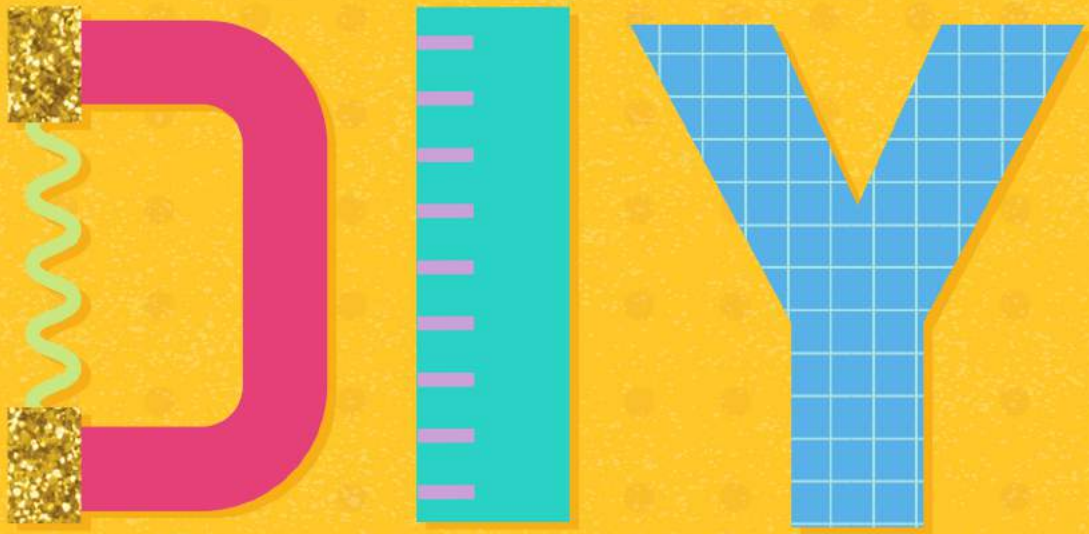


5 DIY
PROJECTS!

GoldieBlox. x SAMSUNG

EVERYDAY



INSPIRED BY THE GOLDIEBLOX YOUTUBE SERIES 'HACK ALONG'



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PHONE-CHARGING STATION



I love this hack. It's stylish and practical and keeps your charging cord from flipping and flopping all over the place.

MATERIALS

- Empty shampoo bottle with enough room inside to hold your phone
- Felt
- Hot glue
- Trim

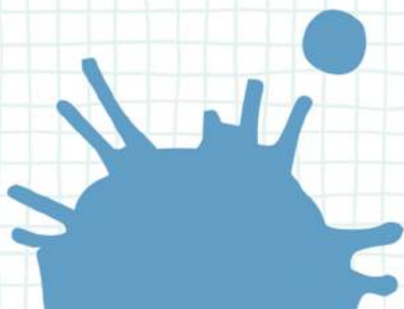


1. Draw an outline of where you want to cut the shampoo bottle. It should be deep enough to hold your phone and include a cutout square that's a little larger than your charger.

2. Cut the shampoo bottle into the shape of your phone-charging station.

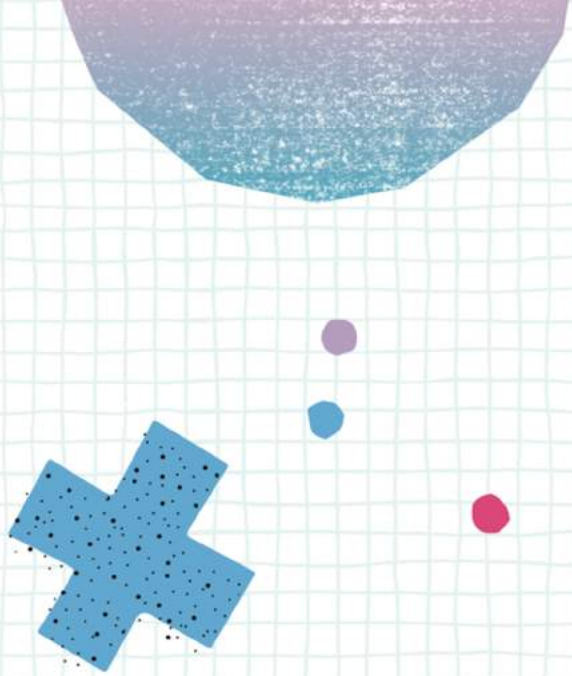


3. Cut out pieces of felt to line both the outside and inside of the shampoo bottle.
4. Cover the bottle with hot glue.

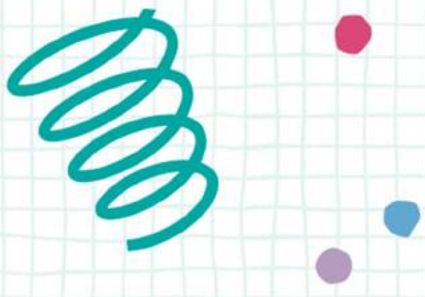




5. Apply the felt to the outside of the bottle.



6. Apply the felt to the inside of the bottle.



7. Decorate your bottle with trim.



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8. Hang the charging station on your charger and plug it into a wall socket. Attach your phone, and let electricity do the rest.



Normal power cables are like two-way streets: one wire brings electricity to the device and one sends it back. USB cables have two superthin wires for electricity and two for data. Gentle!

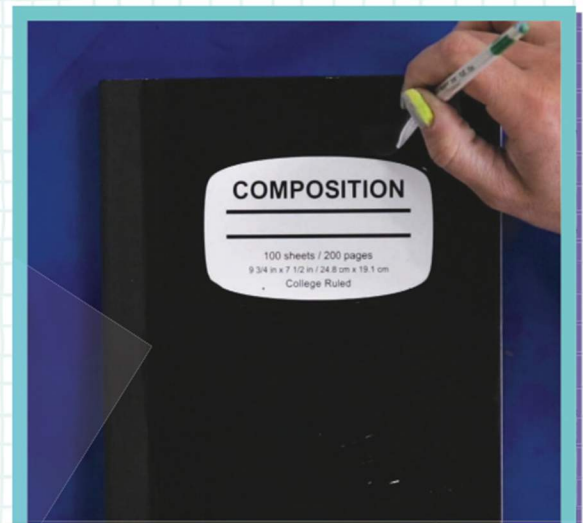
Want to make it more personal? Sew a funny patch or sequined appliqué to the front so everyone knows whose phone it is!

COLOR-CHANGING THERMAL NOTEBOOK



MATERIALS

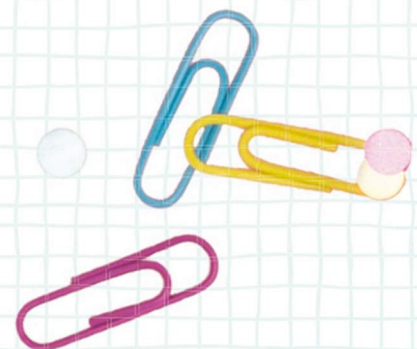
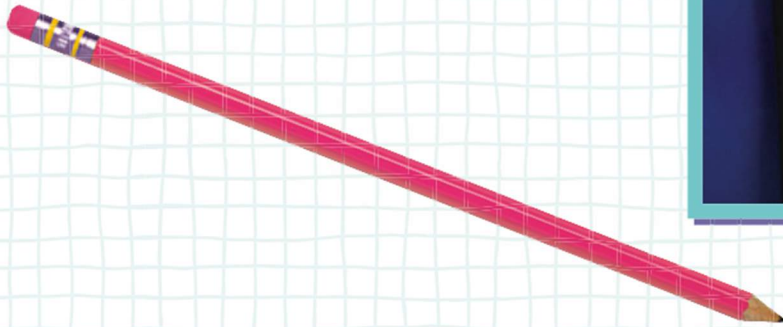
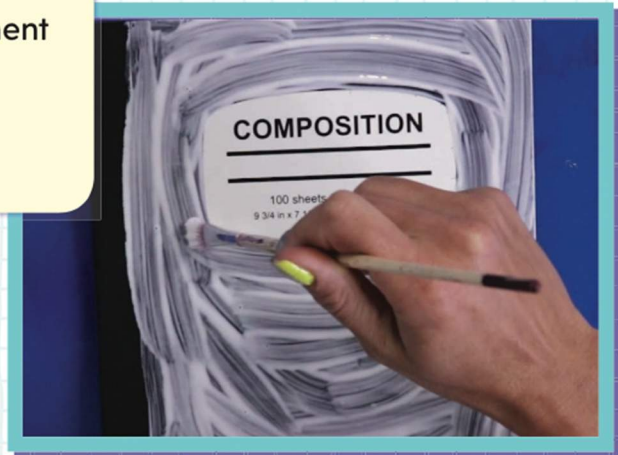
- Notebook
- Black acrylic paint
- Thermal pigment
- Hot glue
- Sequins



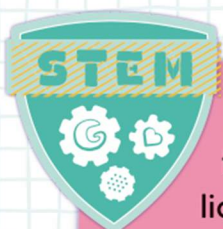
1. Paint your notebook cover black.
2. Let the paint dry completely.

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3. Paint a thick layer of thermal pigment over the cover and let it dry.
4. Hot glue some sequins on for the final touch.



5. Aim a hair dryer at the cover and watch it change colors!

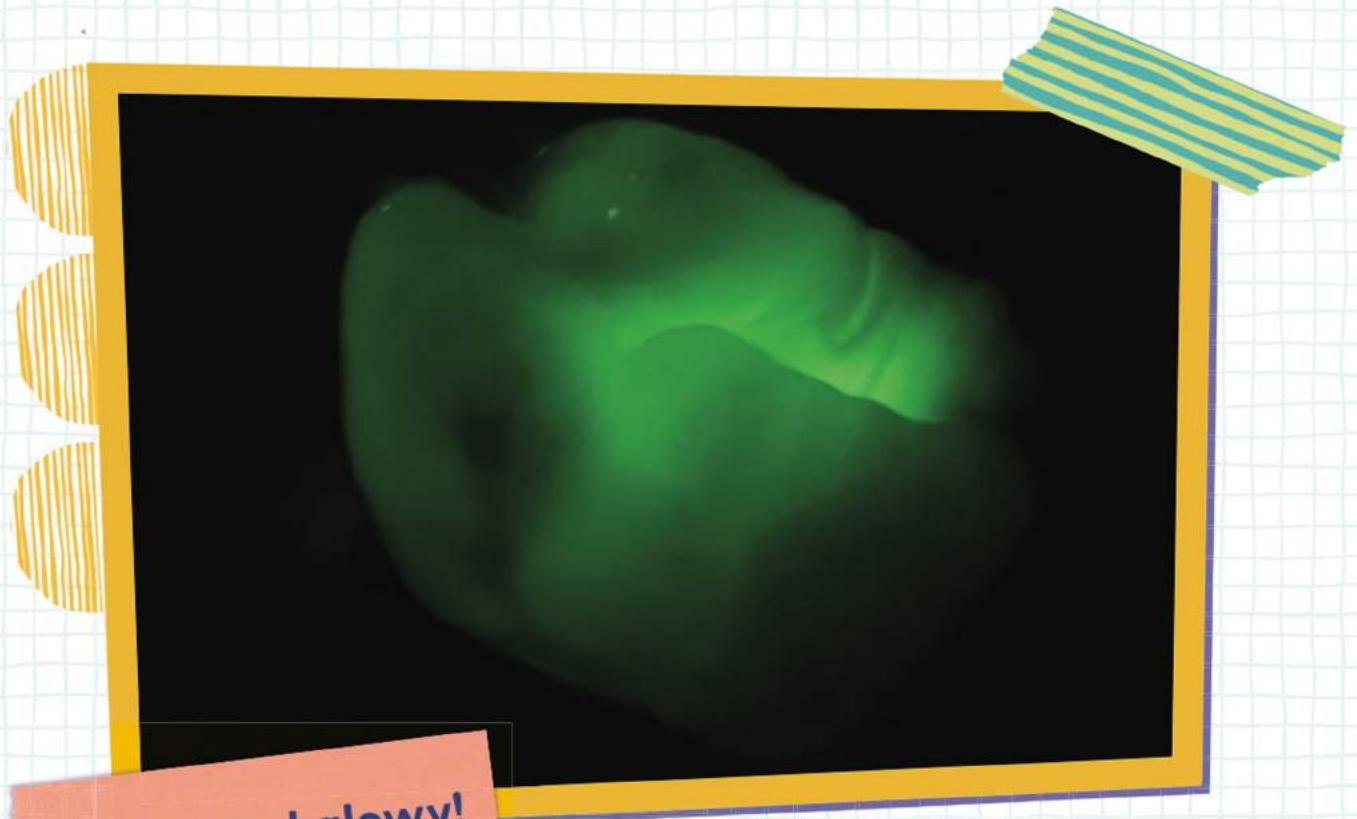


Liquid crystal paint has the same material as liquid crystal display (LCD) televisions. Like slime, liquid crystals are a non-Newtonian fluid. They can flow like liquids while stacking like solids!

This hack works on more than just notebooks! How about on your phone case, calendar, or wallet? Don't want to use sequins? Try using colorful tape around the edges instead!

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GLOW-IN-THE-DARK SLIME



Goopy and glowy!



1. In a medium bowl, combine one cup of water with the clear glue.
2. Add the glow-in-the-dark paint and mix well.

MATERIALS

- ❑ 4 oz. clear glue
- ❑ 3 Tbsp. glow-in-the-dark paint
- ❑ 1/2 cup liquid starch



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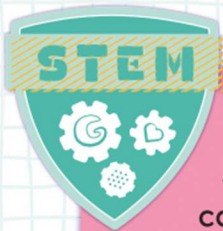


- 3.** In a separate bowl, combine 1/3 cup of water with the liquid starch.
- 4.** Stir the glue mixture constantly while slowly adding the starch solution to it.



- 5.** Mix the slime until it resembles sticky dough.

6. Knead the slime with your hands until it's soft and stretchy. The more you knead it, the more rubberlike it gets!
7. Shine a flashlight on the slime for a few seconds to charge it. Then turn off the lights and watch it glow!



Like plants, your glow-in-the-dark slime needs sunlight. Anything that glows in the dark contains a substance called phosphors. Exposing phosphors to light energizes them, and that stored energy is slowly released, creating small amounts of light.

Add some aliens or monsters to your glowing goo for a cool, creepy scene!

SODA BOTTLE LIGHTS



Make recycling beautiful!

MATERIALS

- Plastic soda bottles
- Spray paint
- Colorful tape
- String lights

1. Cut a plastic soda bottle in half.



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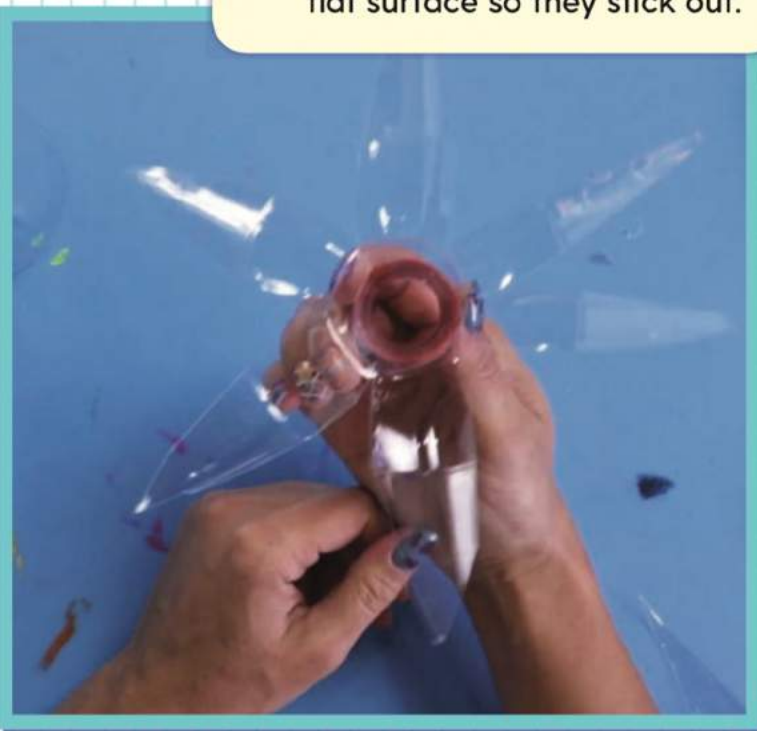
2. Cut into the upper half of the bottle to form a petal pattern.



3. When you're finished cutting out the petal pattern, start peeling the petals back.



4. Press the petals down on a flat surface so they stick out.



5. Repeat steps 1–4 until all your soda bottles look like flowers.



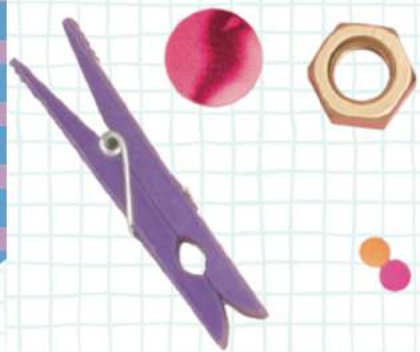
6. In a well-ventilated area, decorate your flowers with colorful spray paint. Let them dry.



7. Apply two layers of colorful tape to the top of the bottle.



8. Cut a small hole in the middle of the tape.



9. Insert a string light through the hole in the tape.



10. Repeat steps 7–9 with the rest of your bottle flowers.



In 2014, Americans bought over 100 billion plastic drink bottles. That's 315 bottles per person! Most are never reused.

Your soda bottle lights can be used for any holiday. Make some scary monster mouths for Halloween or heart shapes for Valentine's Day!

BATH BOMB GEODES



The perfect gift for the friend who's bubbly and fun!

MATERIALS

- 1/2 cup baking soda
- 1/4 cup citric acid
- 1/4 cup cornstarch
- Essential oils
- Rubbing alcohol
- Coconut oil
- Round soap mold
- Epsom salts
- Food coloring



- 1.** In a bowl, mix together the baking soda, citric acid, and cornstarch.

2. Add a few drops of essential oils.
3. Add just enough rubbing alcohol so the mixture begins to clump.



4. Rub coconut oil over the inside of the soap mold.
5. Evenly press the mixture into both sides of the mold and let it dry.
6. Add a layer of Epsom salts to the soap mold.



- 7.** Fill a small bowl with more Epsom salts and add a few drops of food coloring.



- 8.** Fill the rest of the soap mold with the colored Epsom salts. If you want, add some plain Epsom salts around the mold rims for texture.



- 9.** Melt a few teaspoons of coconut oil and pour it over your mixture.
- 10.** Let it cool in the fridge.
- 11.** Use a spoon to gently pry the bath bomb geode out of the soap mold.

Oops! I packed this geode too tight.



It's really not coming out.



But you know what? That's okay. Making mistakes is all part of the journey!



If these geodes are too pretty to plop in a bath, keep them around as decorations instead!

STEM

How do bath bombs create all that fizzy goodness? The warm water mixes the citric acid and baking soda together, causing them to react. This chemical reaction creates carbon dioxide bubbles in the water—so soothing!



Thanks for hacking along with me! I hope you made some amazing projects—and came up with some original ones of your own.

If you want more, subscribe to my channel at [youtube.com/goldieblox](https://www.youtube.com/goldieblox). New videos are uploaded every week. Tell me in the comments section which hacks you've completed—or improved!

Until next time, Hackers!

