



25 - 45 MINUTE ACTIVITIES



Modeling Clay

A classic baking soda clay recipe that let's your imagination go wild. Try making camp medallions (parents, you deserve it), jewelry holders, and more.

DIRECTIONS

1. Pour 2 cups ARM & HAMMER™ Baking Soda and 1 cup of corn starch into a saucepan. Stir until mixed.
2. Add 1 1/4 cups cold water and keep mixing.
3. Next, add food coloring if desired. Mix until well blended.
4. Cook over medium heat, stirring constantly until the mixture is the consistency of mashed potatoes (10-15 mins).
5. Remove mixture from heat, put on a plate, and cover with damp cloth.
6. When cool to the touch, knead until smooth.
7. Time to create! See what your kids can make.
8. To store: If your kids want to reuse their clay, store it in an airtight container in your fridge for up to one week. If they want to preserve their creation, leave it out to dry overnight.
9. Optional: Repeat the recipe above with different colors to let your kids' imaginations soar.

Disclaimer: Careful with food coloring - it stains!

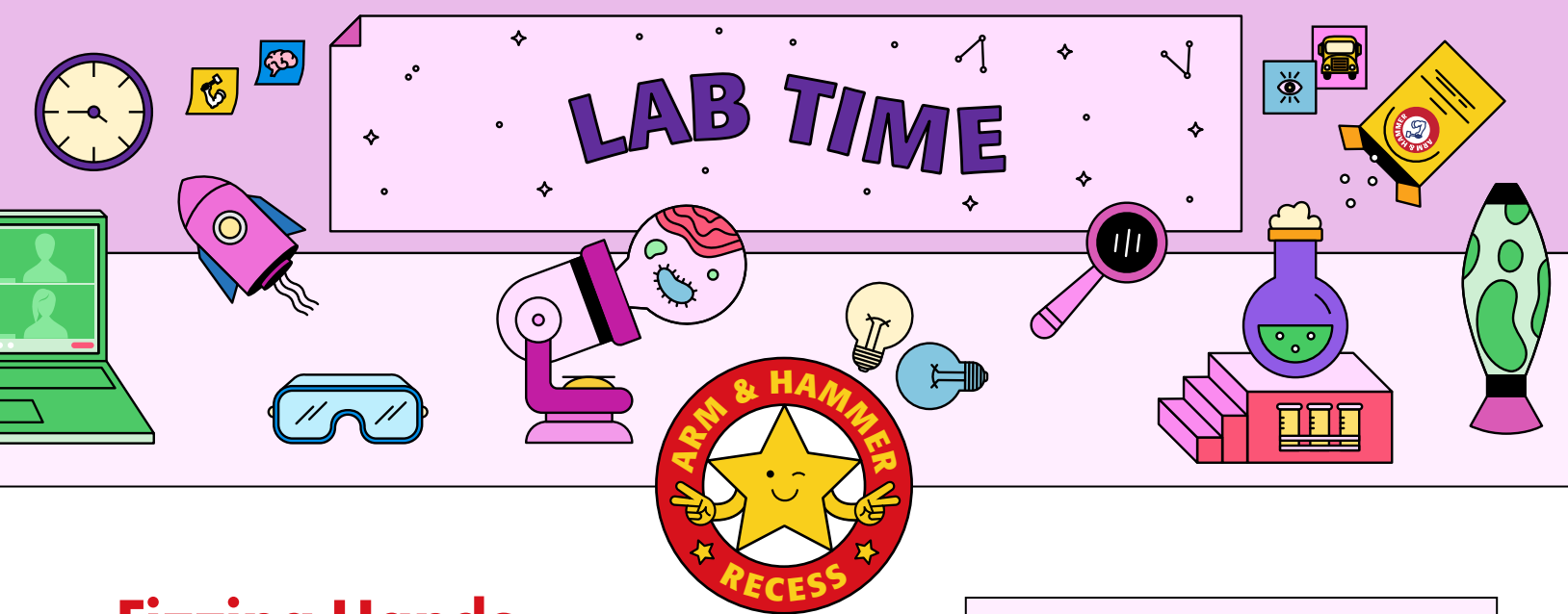
DETAILS

Craft Time: 25 minutes

What Your Kids Get: 1 ball of clay

INGREDIENTS & SUPPLIES

- ☐ 2 cups ARM & HAMMER™ Baking Soda
- ☐ 1 cup corn starch
- ☐ 1 1/4 cups water
- ☐ Food coloring
- ☐ Measuring cups



Fizzing Hands

Parents, get ready for the bubbles! Here's a twist on the iconic baking soda volcano experiment.

DIRECTIONS

1. Quick tip: get everything ready on a cookie sheet to make it easy to carry outside and clean up.
2. Add vinegar, a good squeeze of dish soap, and food coloring to the jar. Stir with a spoon or swish to combine the ingredients. Set aside.
3. (Adults only) Open up a paper clip and use a pointed end to poke a hole in each of the glove's fingertips.
4. Add 3 tablespoons ARM & HAMMER™ Baking Soda to the glove, shaking it to the fingertips.
5. Place the open end of the glove over the top of the jar. Be careful NOT to spill any baking soda in.
6. Place rubber bands around the base of the glove to secure it in place around the jar.
7. Take the cookie sheet with your jar/glove outside. Gently tip the glove up to empty the baking soda into the jar. Swirl everything around then stand back to steer clear of the foamy reaction!
8. Bonus step: if you dare, you can add more baking soda and vinegar for an even bigger reaction. (You may need a *hand* for cleanup.)

DETAILS

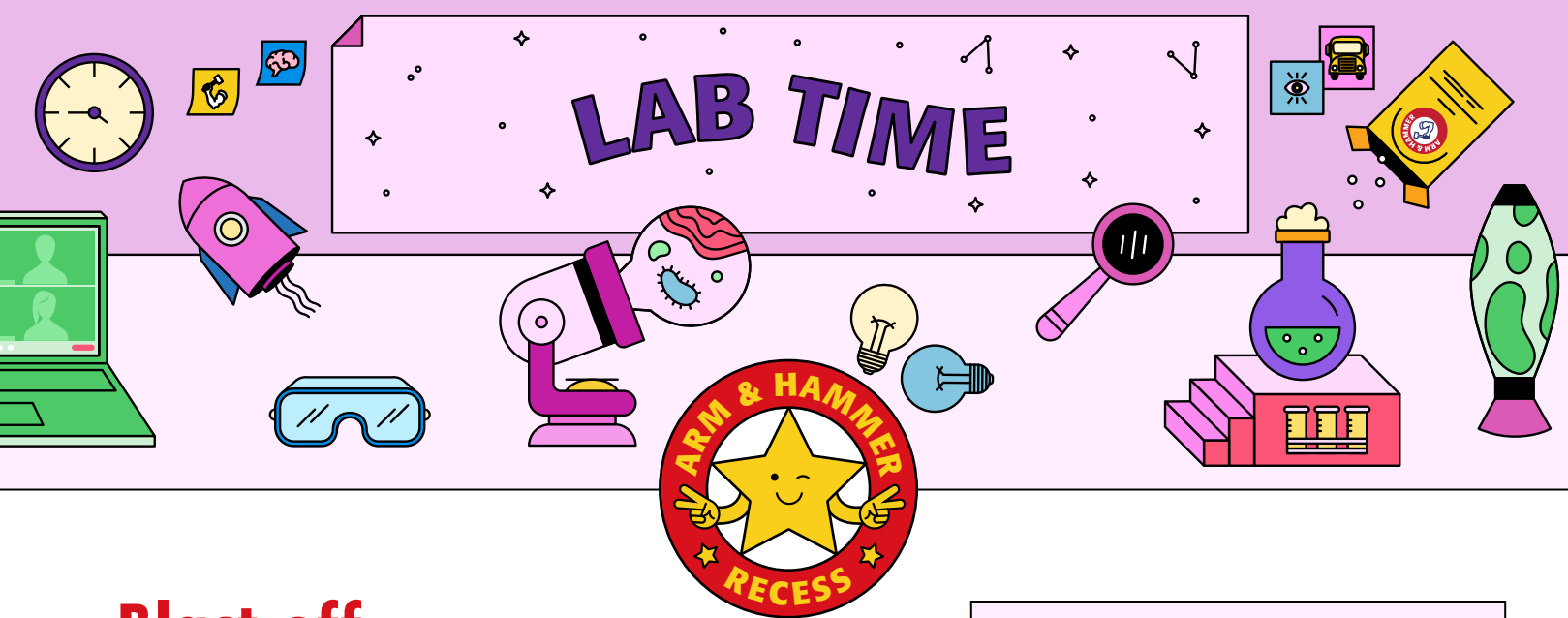
Experiment Time: 25 minutes

What Your Kids Get: 1 fizzing hand

INGREDIENTS & SUPPLIES

- ☐ 3 tablespoons ARM & HAMMER™ Baking Soda
- ☐ Wide mouth jar (plastic or glass)
- ☐ 3/4 cup vinegar
- ☐ Liquid dish soap
- ☐ Vinyl glove
- ☐ Food coloring
- ☐ Spoon
- ☐ Paperclip
- ☐ Rubber bands
- ☐ Baking sheet or tray
- ☐ Safety glasses

NOTE: This one gets messy. Take it outside for easy cleanup!



Blast-off Bottle Rockets

This one is a two-part activity. Step 1: Help the kids make a rocket. Step 2: Blast-off.

DIRECTIONS

1. Secure 3 pencils to the bottle using duct tape to make "legs" for your rocket (allow 2" of space between bottle opening and surface below). The bottle opening should be facing down when the bottle is placed on its legs.
2. Quick tip: Once the pencils are the same height, add one big extra piece of duct tape around the bottle and all three pencils for extra security.
3. Let the kids decorate their bottle rocket with paper and cardboard to bring the experiment to life. (Take this time to help decorate or just enjoy some "you time".)
4. Time to add the rocket fuel. Turn the bottle over so that the pencil legs are facing up. Using the funnel, add 2-3 cups of vinegar to the bottle. Insert cork for now and set aside. (The more vinegar, the higher the blast off!)
5. Cut a paper towel into a 6" x 6" square. Add 2-3 tablespoons of ARM & HAMMER™ Baking Soda onto the paper towel, then roll it up tightly like a burrito so the baking soda doesn't spill out. Optional: secure the bottom of the packet with duct tape to make dropping it in the bottle easier.
6. Take everything outside. Parents, you're in charge of launch. Let the kids spectate from a safe distance. Working quickly, place baking soda packet inside the bottle and plug with a cork. Turn the bottle upside down, place on its 'legs,' and STAND BACK!
7. Watch as the rocket soars into the sky, reaching anywhere from 20 to 40 feet!
8. There's a bit of trial and error with this experiment. If you don't have a launch the first time, try again! The baking soda burrito is key.

DETAILS

Experiment Time: 30-45 minutes

What Your Kids Get: 1 bottle rocket

INGREDIENTS & SUPPLIES

- ☐ 2-3 tablespoons ARM & HAMMER™ Baking Soda
- ☐ Empty 2-liter soda bottle
- ☐ 2-3 cups vinegar
- ☐ Duct tape
- ☐ 3 pencils
- ☐ Construction paper/cardboard to decorate rocket
- ☐ 1 cork (try a wine bottle cork or any that fits mouth of soda bottle)
- ☐ Paper towels
- ☐ Measuring cup
- ☐ Funnel
- ☐ Safety glasses



Dig Deep Dirt Cup

This dirt cup recipe teaches kids all about the soil beneath our feet.

DIRECTIONS

1. Preheat oven to 350°F to make a brownie base.
2. In a large bowl, stir together cocoa powder and ARM & HAMMER™ Baking Soda. Add 1/3 cup vegetable oil and boiling water; mix well.
3. Stir in sugar, eggs, and another 1/3 cup vegetable oil.
4. Add flour, vanilla extract, and salt; mix well. Use non-stick spray on a 9" x 13" pan. Pour batter into pan and bake for about 35 minutes, or until a toothpick inserted comes out clean. Allow to cool before using.
5. While that bakes, it's time to make the grassy surface. Spoon coconut flakes into a zip top bag, and add 6 drops of green food coloring. Seal the bag then shake and knead to distribute color to the coconut. Set aside.
6. Let the kids arrange all ingredients in layers (aka, your time to kick back).
Bedrock layer: chocolate chips; Subsoil layer: crumbled brownie and pudding;
Topsoil layer: crushed crème filled sandwich cookies; Final layer: green-colored coconut flakes and gummy worms.

NOTE: Adult supervision recommended

SERVING SIZE & TIMING

Prep Time: 30 minutes

Bake Time: 35-40 minutes

What Your Kids Get: 8 dirt cups

INGREDIENTS & SUPPLIES

- ☐ 1/2 teaspoon ARM & HAMMER™ Baking Soda
- ☐ 3/4 cup unsweetened cocoa powder
- ☐ 2/3 cup vegetable oil
- ☐ 1/2 cup boiling water
- ☐ 2 cups white sugar
- ☐ 2 eggs
- ☐ 1 1/3 cups all-purpose flour
- ☐ 1 teaspoon vanilla extract
- ☐ 1/4 teaspoon salt
- ☐ 8 clear cups
- ☐ Green food coloring
- ☐ **Toppings:** chocolate pudding, chocolate chips, coconut flakes, gummy worms, crushed up crème-filled chocolate cookies