

Curieus in Quarantine **Materials List**

A comprehensive list of the materials needed for all ten experiments!

In Your Kitchen

- Milk (preferably whole)
- Strawberries
- S'mores Ingredients
(graham crackers, marshmallows, chocolate)
- Gelatin or Jell-o mix
(preferably lighter colored like lemon)
- Various fruits and candies
(berries, grapes, plum, gummy worms, M&Ms, etc.)
- Vanilla extract
- Liquid food coloring
- Vinegar
- Vegetable oil
- Sugar
- Salt (preferably rock)
- Baking soda
- Coffee filters (or paper towels)
- Large and small Ziploc bags
- Aluminum foil
- Saran wrap
- Dish soap
- Measuring cups/spoons
- Strainer
- Cardboard box (preferably a [pizza box](#))

At Your Desk

- Various markers
(including nonpermanent black marker)
- Tape
(preferably shipping tape)
- White glue (Elmer's or other)
- Popsicle sticks (or pencils)
- Empty [film canister](#) (with internal sealing lid)
- Construction paper
- Pencils
- Rubber bands
- Ruler
- Scissors
- [Utility knife](#) or box cutter (can be substituted with a sharp knife, parental supervision needed!)

In Your Bathroom

- Tweezers
- Isopropyl Alcohol
(or hand sanitizer)
- Two empty toilet paper tubes
(or one paper towel tube cut in half)
- Cotton swabs (Q tips)
- Cotton balls
- [Alka-seltzer tablets](#)

Optional

- Soda
- Dark corn syrup
- Empty plastic bottle
- Sand or clay
(to make your volcano more realistic!)
- Yardstick or measuring tape
- Printer
(for a fun coloring activity!)
- Safety goggles
(for additional protection)

Curieus in Quarantine **Materials Breakdown**

What are the materials for? By when do I need them?

Experiment	Materials
Color Changing Milk Monday, May 4th	<ul style="list-style-type: none"> <input type="checkbox"/> Dinner plate <input type="checkbox"/> Cup of milk <input type="checkbox"/> Liquid food coloring <input type="checkbox"/> Liquid dish soap <input type="checkbox"/> Cotton swabs/Q tips
Baking Soda Volcanoes Tuesday, May 5th	<ul style="list-style-type: none"> <input type="checkbox"/> Cup <input type="checkbox"/> Baking soda <input type="checkbox"/> Vinegar <input type="checkbox"/> Dish soap <input type="checkbox"/> Food coloring <input type="checkbox"/> Water <input type="checkbox"/> Optional: sand or clay (to make volcanoes more realistic!)
Lava Lamps Wednesday, May 6th	<ul style="list-style-type: none"> <input type="checkbox"/> Plastic cups <input type="checkbox"/> Water <input type="checkbox"/> Vegetable oil <input type="checkbox"/> Alka-seltzer tablets <input type="checkbox"/> Dark corn syrup <input type="checkbox"/> Food coloring <input type="checkbox"/> Optional: flashlight (a phone works well as a substitute!)

<p>Chromatography Mystery Thursday, May 7th</p>	<ul style="list-style-type: none">❑ 3-4 different types of black markers (e.g. a sharpie, a Crayola marker, and a Papermate marker)❑ Coffee filters or paper towels❑ Cups❑ Water❑ Popsicle sticks❑ Tape❑ Scissors
<p>Homemade Ice Cream Friday, May 8th</p>	<ul style="list-style-type: none">❑ Whole milk (half-and-half also works!)❑ Vanilla extract❑ Sugar❑ Salt (both table and rock work, but rock salt is recommended)❑ Ice❑ Large (gallon-size) and small (sandwich or quart-size) Ziploc bags❑ Measuring spoons❑ Large aluminum foil tray or large plate/bowl (to contain the mess)❑ Optional: soda (for soda floats!)
<p>Jello Cell Model Monday, May 11th</p>	<ul style="list-style-type: none">❑ Water❑ Spoon❑ Stove Pot❑ Bowl❑ Gelatin, or Jell-o mix (preferably lighter colored like lemon)❑ Microwave, or stove

	<ul style="list-style-type: none"> ❑ 1 gallon Ziploc bags ❑ Refrigerator ❑ Various Fruits and Candies (can use any materials around the house!) <ul style="list-style-type: none"> ❑ Recommended fruits: plum, raisins, grapes, strawberries, dried fruit, etc. ❑ Recommended candies: gummy worms (sour and plain), gumdrops, gumballs, jelly beans, sprinkles, M&Ms, hard candy, etc. ❑ *Optional: Printer (for coloring activity!)
<p>Strawberry DNA Tuesday, May 12th</p>	<ul style="list-style-type: none"> ❑ Dish soap ❑ Cups ❑ Strainer ❑ Tweezers ❑ Strawberries (or another fruit!) ❑ Measuring cup ❑ Measuring spoons ❑ Salt ❑ Isopropyl Alcohol (hand sanitizer works, too!) ❑ Water ❑ Ziploc bag
<p>Alka-Seltzer Rockets Wednesday, May 13th</p>	<ul style="list-style-type: none"> ❑ Film canisters with internal-sealing lids ❑ Construction paper ❑ Scissors ❑ Tape ❑ Alka-seltzer tablets

	<ul style="list-style-type: none"> <input type="checkbox"/> Water <input type="checkbox"/> Markers <input type="checkbox"/> *Optional: safety goggles
<p>Cotton Ball Launchers</p> <p>Thursday, May 14th</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Short pencil (popsicle sticks may be used too!) <input type="checkbox"/> Thin rubber bands <input type="checkbox"/> Two empty toilet paper tubes (or one empty paper towel tube cut in half) <input type="checkbox"/> Tape <input type="checkbox"/> Scissors <input type="checkbox"/> Cotton balls <input type="checkbox"/> Ruler
<p>Solar Oven S'mores</p> <p>Friday, May 15th</p>	<ul style="list-style-type: none"> <input type="checkbox"/> Cardboard box or pizza box (The larger the box, the better the oven should work.) <input type="checkbox"/> Pencil or pen <input type="checkbox"/> Ruler <input type="checkbox"/> Utility knife or box cutter (parental supervision needed!) <input type="checkbox"/> Aluminum foil <input type="checkbox"/> White glue (Elmer's or other) <input type="checkbox"/> Saran wrap <input type="checkbox"/> Tape (preferably shipping tape or black electrical tape) <input type="checkbox"/> Pencil <input type="checkbox"/> Graham crackers, marshmallows and a chocolate bar (to make s'mores!) <input type="checkbox"/> *Optional: black construction paper

