

Kitchen Chemistry Supplies List

Plan to have the following items on hand

- 1-cup liquid measurer
- baking powder
- baking soda
- dishwashing liquid
- granulated sugar
- measuring cups
- measuring spoons
- small and large glass bowls
- small and large saucepans
- paper towels
- pencil
- table salt
- scissors

Project Area 1

- cornstarch
- aluminum pie pan
- kitchen scale
- clear baby food jar or other small jar
- food coloring*
- baby oil
- effervescent antacid tablet*

Project Area 2

- red cabbage
- distilled water
- 9 baby food jars
- medicine/eye dropper
- milk
- lemon juice
- white vinegar
- cream of tartar
- shampoo
- soda pop
- hand soap
- 24-ounce bottle (rinsed out and dry)*
- tissues
- fishing line
- clay or Play-Doh™
- bendable drinking straw
- small candle in a holder
- matches
- safety goggles
- an orange with a thick rind

Project Area 3

- quart-size freezer zip-close bags, 2
- gallon-size freezer zip-close bag, 1
- coarse ice cream salt
- whole milk (½ cup)
- half and half (¼ cup)
- vanilla extract
- winter gloves
- 3% or 6% hydrogen peroxide
- active dry yeast, 1 packet
- funnel
- large rectangular baking pan (optional)
- dull pennies, 5 or 6
- non-metal bowl

Project Area 4

- coffee filter paper or blotting paper
- ruler
- household tape
- water-soluble markers in several colors, including black
- white or light-colored cotton T-shirt, bandana, socks, or other clothing item
- color permanent markers
- large piece of cardboard (optional)
- large plastic cup
- rubber band
- spray bottle
- 70% (or 90%) isopropyl alcohol
- wooden skewer or chopstick
- tall narrow glass or container
- clothespin

* item used in more than one experiment

