



Fundamentals of Chemistry Lab Supply List

Lab 3

Construction paper
Pencils or markers
Tape or glue
Ruler
Scissors

Lab 4

Styrofoam balls, 2 sizes
Paint or markers
Wire, pipe cleaners or toothpicks
Glue

Lab 5

Aluminum foil
Copper penny (pre-1982 ideally) or wire
Charcoal or pencil lead
Metal paper clip or nail
Small magnet (fridge magnet OK)
Periodic table
Pencil
Colored pencils

Lab 6

4 colors of construction paper
Scissors
Tape or glue
Toothpicks
Mini marshmallows, or Styrofoam balls
or clay
Pencil or pen

Lab 7

4 colors of beads
Pipe cleaners
Periodic table
Pencil
Colored pencils
4 index cards

Lab 8

2 identical, uninflated balloons
A straight stick, ruler or dowel (12"-18"
long)
String or thread
Pencil, pen, or similar
Tape
Marker
Pin

Lab 9

Small round objects (BBs, mini
marshmallows, beads, etc.)
3 clear containers
String or fishing line

Lab 10

4 different colored beads or mini
marshmallows
4 small Ziploc bags
Paper plate
Marker

If an activity is not listed here no additional material is needed besides the Workbook and a pen or pencil.

Fundamentals of Chemistry Lab Supply List

Lab 11

A graduated cylinder, beaker or Pyrex-type measurer
Water
Various solid objects that completely fit in the container being used
Rubber band (4-8 mm wide)
Plastic bag
Piece of string or yarn (10 cm long)
Small paper clip
Ruler
Small weights (50 g, 100 g) or 10 quarters and 20 quarters taped together
Tape

Lab 12

20-30 ice cubes
Heat-safe container
Hot plate or stove
Top of a pan
Candy thermometer (optional)

Lab 13

3 identical rubber bands
A ruler or measuring tape
A small weight (100 g, or 20 quarters taped together)
A cup of warm water
Tape
A hook or clip
A pen or marker

Lab 14

3 small plastic cups (4+ ounce)
1, 8-12 ounce glass
 $\frac{1}{4}$ cup (60 mL) water
 $\frac{1}{4}$ cup (60 mL) vegetable oil
 $\frac{1}{4}$ cup (60 mL) honey (thicker is better)
Small objects (grape, coin, plastic toy, etc., must fit into the cup and graduated cylinder)
 $\frac{1}{4}$ cup (60 mL) maple syrup
Digital kitchen scale that reads in grams/kilograms
Graduated cylinder (10 mL or 20 mL)
Ruler in cm
Calculator
Loose leaf or notebook paper
Pencil
Food coloring

Lab 15

1 tsp (4.4 g) baking soda in a Ziploc
 $\frac{1}{4}$ cup (60 mL) vinegar
1 tsp (4.2 g) sugar in a Ziploc
1 small clear glass or container
1 tbsp water
Paper towel
Ice cube
Pencil
Looseleaf or notebook paper
Food coloring (optional)

Fundamentals of Chemistry Lab Supply List

Lab 16

1 fresh apple
4 small bowls or plates
1 small glass
Lemon juice
1 teaspoon (4.8 g baking soda)
1 cup (240 mL) water
Spoon
Timer or clock

Lab 17

Litmus paper
Small cups or containers
Dropper or spoon
Water
Lemon juice
Vinegar
1 tsp Baking soda
Liquid soap
Milk
Orange juice
Cola (soda)
1 tsp Sugar
1 tsp Salt
Toothpaste

Lab 18

Periodic table
Pencil or pen
Colored pencils (optional)
Calculator (optional)