

## Second Edition Chemistry Experiment Supplies

Those items with "(kit)" next to them are contained the laboratory equipment set that we sell. Those items with "(home)" next to them are considered household items and are not the laboratory equipment set.

### **MODULE #1**

- Safety goggles (kit)
- A yardstick (home)
- Two balloons (home)
- Two pieces of string (home)
- Tape (home)
- A tall glass (home)
- A paper towel (home)
- A sink full of water (home)
- Book (home)
- Metric/English ruler (home)
- Paper and pencil (home)
- Graduated cylinder (kit)
- Water (home)
- Table syrup (home)
- Vegetable oil (home)
- A large glass (home)
- A mass scale (kit)
- Pencil and paper (home)
- A spoon (home)

### **MODULE #2**

- Safety goggles (kit)
- Thermometer (kit)
- 100mL beaker (kit)
- Water (home)
- Ice (home)
- A Sterno or alcohol flame... (kit)
- A chunk of metal... (home)
- Two styrofoam cups (home)
- Water (home)
- Calibrated thermometer (kit)
- Scale (kit)
- Boiling water (home)
- Kitchen tongs (home)

### **MODULE #3**

- Safety goggles (kit)
- 100 mL beaker or small glass (kit)
- 250 mL beaker or small glass (kit)
- watch glass (kit)

- Teaspoon (home)
- Rubber cleaning gloves (home)
- Lye or powdered drain cleaner (home)
- Baking soda (home)
- Red cabbage (home)
- White Vinegar (home)
- Mass scale (kit)
- Stirring rod (kit)
- Small pot for boiling water (home)
- Measuring cup (home)
- Stove (home)
- Distilled water (home)
- Sugar (home)
- 2 pieces of wire (home)
- Scissors or wire cutters (home)
- Tape (home)
- 9 Volt battery (home)

#### **MODULE #4**

- Safety goggles (kit)
  - Two beakers, 100 mL and 250 mL (home)
  - Sand (home)
  - Table salt (home)
  - Funnel (kit)
  - Water (home)
  - Filter paper (kit)
  - Stirring rod (kit)
  - Teaspoon (home)
  - A graduated cylinder (kit)
  - An egg in its shell (home)
  - Toilet bowl cleaner (home)
  - A tall glass (home)
  - A spoon (home)
  - A rectangular metal can with a lid (home)
  - A stove (home)
  - Hot pads (home)
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- Two glass canning jars or peanut butter jars (home)
  - Food coloring (home)
  - Pan and stove to boil water (home)

#### **MODULE #5**

- Safety goggles (kit)
- Dishwashing liquid (home)

- Medicine dropper (home)
- Graduated cylinder (kit)
- Water (home)
- Large glass (home)
- Large bowl (home)
- Pepper (home)
- Ruler (home)

### **MODULE #6**

- Safety goggles (kit)
- Baking soda (home)
- Vinegar (home)
- String (home)
- Graduated cylinder (kit)
- Ruler (home)
- Round balloon (home)
- Plastic 2-liter bottle (home)
- Mass scale (kit)

### **MODULE #7**

- Safety goggles (kit)
- Comb (home)
- Aluminum foil (home)
- Cellophane tape (home)
- Two plain white sheets of paper (home)
- A bright red marker (home)

### **MODULE #8**

There are no experiments in this module.

### **MODULE #9**

- Safety goggles (kit)
- Glass of water (home)
- Vegetable oil (home)
- Styrofoam or paper cup (home)
- Comb (home)
- Pen (home)
- 2 test tubes (kit)
- table salt (home)
- water (home)

### **MODULE #10**

- Safety goggles (kit)
- Red litmus paper (kit)
- Apple (home)

- Orange juice or soda pop (home)
- Toilet bowl cleaner (home)
- Bar soap (home)
- All-purpose cleaner (home)
- Powdered drain unclogger (home)
- 4 test tubes (kit)
- Watch glass (kit)
- Stirring rod (kit)
- Rubber gloves (home)
- A few red cabbage leaves (home)
- 2 beakers (kit)
- Heating flame (kit)
- Graduated cylinder (kit)
- Medicine dropper (home)
- Clear Windex (home)
- Clear vinegar (home)
- Mass scale (kit)
- Distilled water (home)
- White sheet of paper (home)
- Stirring rod (kit)

### **MODULE #11**

- Safety goggles (kit)
- 250 mL beaker (kit)
- 100 mL beaker (kit)
- Graduated cylinder (kit)
- Flame heater (kit)
- Stirring rod (kit)
- Thermometer (kit)
- Mass scale (kit)
- Filter paper (kit)
- Funnel (kit)
- Oven mitt (home)
- 2 beakers (kit)
- A test tube (kit)
- Ice (home)
- Cold pop (home)
- Drano, or any other powdered drain unclogger (home)
- Water (home)
- Sink (home)
- Tablespoon (home)
- Protective eyewear (home)
- Table salt (home)
- A ¼ measuring teaspoon (home)

### **MODULE #12**

- Safety goggles (kit)

- Mass scale (kit)
- Plastic 2-liter bottle (home)
- Round balloon with 8-inch diameter (home)
  
- Vinegar (home)
- Baking soda (home)
- Seamstress tape measure (home)
- Thermometer (kit)
- Weather report that contains the barometric pressure (home)

### **MODULE #13**

- Safety goggles (kit)
- Two Styrofoam coffee cups (home)
- Thermometer (kit)
- Vinegar (home)
- Drano (home)
- Mass scale (kit)
- Measuring tablespoon and 1/2 teaspoon (home)

### **MODULE #14**

- Safety goggles (kit)
- Liquid toilet bowl cleaner (home)
- Antacid tablets (home)
- Sharp, non-serrated knife (home)
- Spoon (home)
- Stirring rod (kit)
- 4 test tubes (kit)
- Flame heater (kit)
- Large beaker (kit)
- Small beaker (kit)
- 100 mL beaker (kit)
- Watch glass (kit)
- Graduated cylinder (kit)
- 1/4 measuring teaspoon (home)
- Hydrogen peroxide (home)

### **MODULE #15**

There are no experiments in this module.

### **MODULE #16**

- Safety goggles (kit)
- Baker's yeast (home)

- Large bowl (home)
- Blank notebook paper w/o lines (home)
- Scissors (home)
- Q-tip or small paintbrush (home)
- Lemon juice (home)
- Tincture of iodine (home)
- Water (home)
- Measuring cups (home)
- Medicine dropper (home)
- Stirring rod (kit)