

CONTENTS – Complete Introduction to Chemistry Kit

Labware

- Thermometer, Celsius, 12"
- 250 ml Glass Beaker
- 600 ml Glass Beaker
- 250 ml Bottle, natural HDPE
- 100 ml Graduated Cylinder, polypropylene
- Pipet (medicine dropper)
- 250 ml Erlenmeyer flask
- Rubber Stopper, #6.5, solid
- Plastic Funnel, 65 mm dia.
- Alcohol Lamp Burner, wickless (*ethyl alcohol fuel not included*)
- Burner Stand
- Stainless Steel Spatula
- Glass Stirring Rod, 6" long
- Test Tube Rack, 6 holes
- 4 Large Test Tubes, 16x150 mm
- Test Tube Clamp

Supplies

- Copper, metal electrode, 4"
- Filter Paper, 11 cm, 10 sheets
- 2 Plastic Petri Dishes, 90x15mm
- pH Papers, 1-14 range, 80/pack
- Alligator Clip Leads, 2/pack
- Battery, D-size, heavy duty
- Battery Holder, for D cell
- 2 Balloons, medium, 9"
- Sand, coarse, 4 oz.
- Candle, tea light
- 2 Straws, flexible plastic

Safety Equipment

- Deluxe Lab Apron
- Splash Safety Goggles
- Medium Safety Gloves

Chemicals

- Alka-Seltzer Tablets
- Calcium Hydroxide, 30 g, lime
- Copper II (Cupric) Sulfate, 30 g
- Food Coloring, 4 colors
- Potassium Bitartrate, 30 g
- Sodium Tetraborate, 30 g
- Sodium Carbonate, 30 g
- Yeast, 2 packets
- School Glue, 8oz
- Phenolphthalein Solution, 30ml

24-Page Experiment Guide

Household Items (required but not included)

Zip lock baggie, raw egg, ice, popcorn kernels, matches, sugar, distilled white vinegar, Q-tips, baking soda, newspaper, stopwatch or timer, plain white paper, light or dark corn syrup, glass cleaner, vegetable oil, household cleaners, cardstock, cornstarch, dish soap, hydrogen peroxide, tape, washable marker, baking dish, pencil, brass key, aluminum foil, salt