

Kit Materials List

1	Activated carbon, 100 g*	1	Rubber bands, p/~300
1	Ammonium hydroxide, 5%, 60 mL*	10	Rulers, 6-inch
1	Ammonium thiocyanate, 30 g*	10	Salt, packets*
2	Atom models	1	Sand, coarse, 5 lbs*
10	Bags, resealable (6" × 6")*	1	Sand, fine, 3 lbs*
10	Bags, resealable, (8" × 10")*	4	Sodium bicarbonate, 25 g*
2	Barium hydroxide, 30 g*	1	Sodium chloride 2%, 60 mL*
8	Basic chemical structure modeling sets	1	Sodium chloride, 10 g*
2	Black sand, 25 g*	2	Sodium hydroxide 2%, 30 mL*
1	Boyle's Law apparatus	1	Sodium hydroxide, 50 g*
1	Bromothymol blue indicator, 0.1%, 30 mL*	1	Soil, potting, bag*
1	Calcium chloride, 20 g*	30	Stirrers, plastic*
10	Cheese cloth, 6-inch square pieces*	2	Stirrers, wooden, pk/10*
1	Citric acid, 5 g*	10	Straws, plastic*
1	Copper(II) sulfate, 10 g*	10	Syringes, 3 mL
5	Copper chloride, 5 g*	20	Tablets, test for nitrate*
20	Corks	1	Test strips, glucose, p/25*
100	Cups, medicine	1	Test strips, pH, p/100*
20	Cups, plastic, 10 oz	20	Test tubes, glass
10	Electrodes, p/2	10	Thermometers
1	<i>Elodea</i> , live material coupon, p/20 sprigs*	10	Tubes, clear plastic
1	Filament line	1	Universal pH indicator solution, 30 mL*
1	Glucose, 40 g*	4	Vermiculite, 15 g*
1	Gravel, 2.75 lbs*	4	Vinegar (5% acetic acid), 60 mL*
1	Green dye solution, 30 mL*	10	<i>Water pollutants Color Charts</i> , sheet
2	Hydrochloric acid 2%, 30 mL*	20	Wires, insulated, with alligator clips
1	Indigo carmine indicator, 30 mL*	1	Zinc pellets, 30 g*
4	Iron powder, 75 g*		
10	Magnifying glasses	1	Curriculum Guide
1	Microscope slides, p/72	1	Curriculum Resource CD-ROM
1	Nitrate pollutant, 30 mL*		
1	Paper, construction, black, 8½" × 11"*		
10	Papers, filter*		
10	Pencils, wax		
10	Periodic tables		
11	Petri plates		
10	Pipets, 5 mL		
40	Pipets, plastic, 1 mL		
1	Poster, The Ideal Gas Law †		
1	Poster, The Mole †		
1	Potassium aluminum sulfate, 30 g*		

* = consumable item

† = in separate box

To order consumable items, please call 1-800-225-3739.

Teacher-Provided Items

- 1 Aluminum foil, piece (enough for ten 1" × 2" pieces)
- Aprons (per student)
- 1 or more Balance, digital (readability 0.1 g)
- 50 Batteries, 9-volt
- 1 Beaker, 1 L
- 10 Beakers, 600 mL
- 10 Beakers, 500 mL
- 20 Beakers, 250 mL
- 10 Beakers, 100 mL
- 40 Calculators
- Cardboard (enough to create ten 3.5" × 8" strips)
- 10 Erlenmeyer flasks, 500 mL
- Gloves (per student)
- 4 Masses, 500 g
- 10 Rods, stirring, glass
- Safety goggles (per student)
- 1 Scale, body
- 1 pr. Scissors
- 1 Tape, roll
- 10 Test tube racks
- Water, distilled and/or bottled

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