

STANDARD CHEMISTRY LABORATORY SUPPLIES

Purchase Guide

from

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FLINN SCIENTIFIC

*Standard
Chemistry Laboratory Supplies*
2017 Edition
Purchase Guide

Easy Ordering Instructions

- 1) Conduct an inventory of chemicals and apparatus on hand using the “Current Inventory Status” column.
- 2) Decide how much of each supply item you will need for future laboratory work.
- 3) Order needed chemicals and apparatus using the “Quantity Ordered” column.
- 4) Prices guaranteed until January 31, 2018.
- 5) To submit your order:

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Available from Flinn Scientific

Product/Item Name	Current Inventory Status	Quantity Recommended	Quantity Ordered	Unit Price	Total Price	Catalog Number
Chemistry—Apparatus						
Apron, rubberized, 27" W X 36" L		30		\$12.75		AP7125
Pioneer Analytical Balance, 210 x 0.0001 g		2		\$2,193.50		OB2151
Balance, electronic, 210 g X 0.01 g, Flinn		6		\$298.00		OB2141
Beaker brush, nylon		12		\$12.10		AP8409
Bottle, dropping, 30-mL dispenser		48		\$1.45		AP1221
Bottle, wash, polyethylene, 250-mL		18		\$4.30		AP8108
Bulb, rubber, red, 2-mL capacity, bore ID 6 mm		24		\$0.41		AP8601
Buret brush, 50-mL		6		\$3.10		AP1015
Burner, Tirrill, natural gas		15		\$30.60		AP1019
Cart, polypropylene, two-shelf		1		\$346.50		AP1691
Cartridge, high capacity, standard, hose nipple		2		\$139.65		AP1267
Cartridge wall bracket holder		1		\$51.95		AP1266
Centrifuge, 8-place		2		\$440.45		AP7760
Ceramic squares, 6" X 6" X 1/8", 12/pkg., per pkg		2		\$43.15		AP1245
Chemical dictionary, condensed, Hawley's		1		\$220.45		AP4226
ChemTopic™ Labs, Boxed Set, Volumes 1–9		1		\$133.20		AP6618
ChemTopic™ Labs, Boxed Set, Volumes 10–18		1		\$133.20		AP6621
Chromatography paper, roll, 1" X 600 ft		1		\$46.55		AP8293
Clamp, buret, double jaws, rubber-coated		15		\$30.00		AP1246
Clamp, buret, single, plastic-coated		15		\$12.55		AP1034
Clamp, extension, universal, 3"		6		\$28.70		AP1038
Clamp, pinchcock, Day's type		15		\$2.13		AP8211
Clamp, Stoddard, test tube, with grips		15		\$3.10		AP8217
Conductivity meter		15		\$22.50		AP1493
Corks, assorted, size 0–9, 100/pkg., per pkg		6		\$16.80		AP8321
Cork borer, set of 6, per set		1		\$29.25		AP8326
Crucible cover, porcelain, size G		30		\$9.05		AP8247
Crucible, porcelain, high form, 30-mL		30		\$8.00		AP8241
Cups, Styrofoam, 8 oz., 50/pkg., per pkg		6		\$3.20		AP1190
Cylinder, plastic, PMP, 250-mL		18		\$12.10		AP1264
Desiccator, polypropylene, 150-mm		2		\$79.50		AP8251
Draining/drying rack, vinyl		1		\$116.10		AP1064
Evaporating dish, porcelain, 70-mL		15		\$10.75		AP1272
File, triangular, Nicholson, 7		2		\$7.10		AP8402
Filter paper, qualitative, 7.0-cm		6		\$5.05		AP2249
Filter paper, qualitative, 12.5-cm		6		\$6.50		AP3104
Flinn C-spectra, 8" X 10" sheet		2		\$21.70		AP1714
Forceps		15		\$2.41		AP8328
Funnel, Büchner, polypropylene, 5.5-cm		15		\$19.65		AP1129
Funnel, plastic, 2-3/4"		24		\$2.05		AP3200
Giant periodic table, 4' X 8'		1		\$176.30		AP8866
Gloves, disposable, medium, 100/pkg., per pkg		6		\$5.95		AP3215

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Gloves, nitrile, #9		2		\$3.75		AP3259
Goggles, standard, vented		30		\$8.25		AP3306
Hot Plate, Flinn, 7" x 7"		12		\$265.00		AP8183
Hydriion 1–12 pH test paper, vial		10		\$2.00		AP1107
Inoculating loop, nichrome		15		\$2.89		AP1051
Kimwipes®, 4 1/2" X 8 1/2"		2		\$5.60		AP1141
Laboratory Solutions for the Science Classroom, book		1		\$50.15		AP8858
Lighter, flint		15		\$2.95		AP8346
Litmus blue test papers, vial		2		\$1.20		AP7923
Litmus red test papers, vial		2		\$1.17		AP7945
Magnetic stirrer, Flinn, Economy Choice		12		\$180.90		AP6067
Magnetic Stirrer / Hotplate, 7" x 7"		1		\$489.70		AP8181
Magnifier, reading glass		15		\$5.80		AP8256
Meter stick		15		\$3.95		AP8294
Molecular model set, general chemistry		15		\$41.30		AP8933
Molecular model set, shapes of models		4		\$49.55		AP5456
Mortar, porcelain, 65-mL		15		\$18.40		AP8258
Oven, laboratory, 0.7 cubic ft.		1		\$494.85		AP1055
Parafilm®, 4" X 125', roll		1		\$25.35		AP1501
Pen, felt tip, black		1		\$2.46		AP1297
Pestle, porcelain, for mortar AP8258		15		\$19.40		AP8261
pH meter, handheld, Flinn		15		\$44.70		AP8673
Pipet, Beral-type, thin stem, 500/pkg., per pkg		1		\$25.60		AP1444
Rack, test tube, wood, 6-tube		15		\$13.90		AP8565
Ring, support, w/rod clamp, 2"		15		\$8.05		AP8230
Ring, support, w/rod clamp, 4"		15		\$10.90		AP8232
Ruler, metric, 15-cm, white		15		\$1.02		AP8290
Scoops, stainless steel		30		\$2.10		AP8338
Spatula, stainless steel, micro		15		\$4.90		AP1322
Spectrophotometer, Flinn		2		\$990.00		AP7026
Spectrum tube, hydrogen gas		1		\$41.00		AP1334
Spectrum tube, mercury vapor		1		\$62.45		AP1337
Stand, support (4" X 6")		15		\$15.85		AP8226
Spectrum tube power supply		1		\$214.00		AP1327
Splints, wood, 1000/pkg.		1		\$6.60		AP4455
Still, water, Barnstead, Mega-pure®		1		\$3,268.00		AP1048
Stirring bar retriever		1		\$15.65		AP1091
Stopper/Cork organizer		6		\$21.15		AP4593
Organizer accessories, clear plastic cover		6		\$13.00		AP4596
Organizer accessories, long dividers		18		\$3.90		AP4594
Organizer accessories, short dividers		18		\$3.15		AP4595
Stoppers, rubber, black, assorted sizes 1–6, 1 lb.		6		\$15.80		AP2320
Stopwatch, electronic		15		\$13.00		AP1572
Test tube brush, 3/4"		15		\$2.08		AP8201

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Thermometer, -20 °C to 110 °C, partial, non-mercury		30		\$5.65		AP1452
Tongs, beaker		15		\$6.85		AP8236
Tongs, crucible		15		\$5.75		AP8266
Triangles, pipestem, 2"		15		\$2.86		AP8331
Trough, pneumatic, stainless steel		15		\$35.90		AP8334
Tubing, rubber, black 1/4" ID, 10 ft		15		\$13.05		AP8284
Wax pencil set, heat resistant		6		\$4.60		AP5981
Weighing paper, 4" X 4" sheets, 500 /pkg., per pkg		1		\$13.80		AP1122
Wing top burner, 18-mm		15		\$6.30		AP1236
Wire gauze squares, ceramic centers, 5" X 5"		30		\$2.30		AP1189
Chemistry—Glassware						
Battery jar, round, 4" X 5", flint glass		1		\$22.80		GP9085
Beakers, 50-mL		36		\$3.30		GP1005
Beakers, 100-mL		48		\$3.50		GP1010
Beakers, 150-mL		48		\$3.35		GP1015
Beakers, 250-mL		48		\$3.40		GP1020
Beakers, 400-mL		48		\$3.75		GP1025
Beakers, 600-mL		24		\$4.60		GP1030
Beakers, 1000-mL		6		\$8.40		GP1040
Buret with Teflon stopcock, 50-mL		15		\$62.40		GP1087
Cylinders, student grade, 10-mL		18		\$5.80		GP2040
Cylinders, student grade, 25-mL		18		\$6.00		GP2042
Cylinders, student grade, 50-mL		18		\$6.75		GP2044
Cylinders, student grade, 100-mL		18		\$8.95		GP2046
Cylinder, graduated, 500-mL		2		\$55.85		GP2030
Dish, culture (Petri) 100 X 15, 12/pkg., per pkg		3		\$80.50		GP3020
Flask, Erlenmeyer, 125-mL		18		\$5.15		GP3040
Flask, Erlenmeyer, 250-mL		36		\$4.95		GP3045
Flask, filtering, 250-mL		30		\$18.50		GP4072
Flask, volumetric, 100-mL		18		\$23.50		GP4030
Flask, volumetric, 1000-mL		4		\$38.25		GP4045
Funnel, long-stemmed, 65 mm		12		\$9.90		GP5010
Funnel, short stemmed, 75-mm		24		\$12.30		GP5050
Gas collecting bottle, 240-mL		30		\$2.10		GP9148
Pipet, disposable, Pasteur, 5.75", 200/pkg., per pkg		1		\$13.40		GP7042
Pipet, Mohr, measuring, 10-mL		15		\$11.45		GP7020
Stir rod, 8", pkg./100, per pkg		1		\$38.80		GP5075
Test tubes, 13 X 100, 9 mL, pkg./50, per pkg		6		\$24.98		GP6010
Test tubes, 18 X 150, 27-mL, pkg./50, per pkg		6		\$40.40		GP6025
Test tubes, 25 X 200, 70-mL, pkg./50, per pkg		3		\$85.38		GP6040
Tube, centrifuge, 5-mL, 12/pkg., per pkg		6		\$64.82		GP6047
Tube, gas measuring, student grade, 50-mL		15		\$20.80		GP5067
Tubing, glass, 6-mm, 24" length, 10 pcs./pkg., per pkg		6		\$11.70		GP9025

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Watchglass, 90-mm		48		\$3.20		GP8008
Chemistry–Safety Equipment						
Flinn's Online Chemventory™, 5 year license		1		\$349.00		SE3000
Emergency body/shower drench and eye/face wash combo		1		\$427.85		AP2264
Flinn Spill Control Center		1		\$227.00		AP6448
Fire blanket with case		1		\$117.65		SE3006
Fire extinguisher, dry chemical, ABC		1		\$119.60		SE3001
First aid kit for 25 people		1		\$50.55		SE240
Flinn acid cabinet, partial lined		1		\$799.30		SE8041
Flinn 45-gallon floor flammables cabinet		1		\$808.55		SE7131
Flinn safety data sheet library—hard copy		1		\$275.15		AP7703
Flinn poison cabinet		1		\$458.35		SE6080
Goggle sanitizer		1		\$577.45		SE1000
Hot vessel gripping device		1		\$18.55		SE039
Mercon® mercury spill kit		1		\$196.65		AP8771
Safety inspection tags, pkg./25, per pkg		1		\$7.70		AP4832
Polypropylene compartment for nitric acid		1		\$107.90		SE8071
Safety shield, 36" X 24"		1		\$382.85		SE261
Chemistry–Demonstration Kits						
Acid Neutralization in Nature		1		\$19.70		AP6298
Acid Rain in a Bag		1		\$24.25		AP9157
Aloha Chemical Sunset		1		\$24.50		AP8988
Chemystery of Halloween		1		\$124.51		AP2102
Christmas of Chemistry		1		\$136.00		AP6281
Colorful Electrolysis Demo		1		\$23.95		AP6467
Colorful Silicate Garden		1		\$42.85		AP4424
Cool Reaction		1		\$26.85		AP8896
Diffusion of Gases		1		\$44.60		AP6630
Disappearing Rainbow		1		\$37.75		AP8979
Dry Ice Color Show		1		\$24.10		AP6201
Energetic Light		1		\$24.75		AP8978
Energy in Photons		1		\$29.55		AP4576
Flaming Vapor Ramp		1		\$17.45		AP6154
Floating Tin Sponge		1		\$43.35		AP4425
Foiled Again		1		\$44.50		AP5936
Identifying Chemical Reactions		1		\$73.95		AP6604
Indicator Sponge		1		\$24.70		AP6160
Intermolecular Attractions		1		\$52.30		AP6928
Iodine Clock Reaction		1		\$47.55		AP4601
Kool Chromatography		1		\$36.20		AP8950
Old Foamey		1		\$26.01		AP2085

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Old Glory		1		\$24.30		AP8463
Overhead Equilibrium Reaction		1		\$27.05		AP8462
Pink & Blue: The Effect of Concentration & Temperature on Equilibrium		1		\$30.80		AP8471
Polymers, Polymers, Polymers		1		\$58.30		AP4426
Polyurethane Foam		1		\$33.50		C0335
Reversible Tin Man		1		\$32.45		AP6867
Safe Swimming with Sodium		1		\$33.35		AP8916
Safety-First Flame Tests		1		\$19.25		AP8481
Silver Mirror Award		1		\$46.50		AP6893
Smashing Thermit Reaction		1		\$29.90		AP6256
Stoichiometry Balloon Races		1		\$30.30		AP6444
Sudsy Kinetics		1		\$66.61		AP4866
Super Duper Polymer Gel		1		\$13.70		AP4556
Surface Tension Jar		1		\$9.30		AP6648
Think Tube		1		\$14.15		AP6149
Upset Tummy? Mom to the Rescue		1		\$21.80		AP5934
Whoosh Bottle		1		\$36.25		AP5943
Yellow & Blue Switcheroo		1		\$28.15		AP8660

Flinn's *Exploring Chemistry*™

Flinn Scientific makes it easy to build your dream chemistry course now by providing the content and confidence you need to become a great teacher fast! Each package contains proven experiments, demonstrations, and activities from award-winning teachers. The packages include chemicals, specialized materials, and complete instructions, as well as free online video resources. Each package serves three classes of 30 students working in pairs. No matter what chemistry textbook or curriculum you use, Flinn's *Exploring Chemistry*™ will give students the necessary knowledge, skills, and attitudes to succeed. Teach with enthusiasm and inspire your students all year with Flinn's *Exploring Chemistry*™.

Flinn's <i>Exploring Chemistry</i>™ — 10-Kit Bundle		1		\$1,014.51		AP7705
Introduction to Chemistry - Matter and Measurement Package		1		\$176.40		AP7697
Periodic Table Package		1		\$92.05		AP7677
Atomic and Electron Structure Package		1		\$87.00		AP7690
Chemical Bonding Package		1		\$133.35		AP7691
Chemical Reactions Package		1		\$111.11		AP7629
Molar Relationships and Stoichiometry Package		1		\$168.05		AP7630
Gases and Gas Laws Package		1		\$122.40		AP7694
Thermochemistry Package		1		\$110.15		AP7692
Solids, Liquids, and Solutions Package		1		\$48.05		AP7702
Acids and Bases Package		1		\$76.20		AP7693

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AP Chemistry Kits						
Our AP Chemistry Inquiry Kits have been designed and developed to meet the AP Chemistry Guidelines. Each kit is complete, containing all the chemicals, specialized equipment and instructions needed for a class of 24 students working in pairs. Common laboratory equipment (e.g., beakers, balances, crucibles, desiccators, pipets) are not included in the kits. Flinn Advanced Placement Chemistry Kits will save you prep time, grading time and will give you the confidence and knowledge to run a successful AP Chemistry Lab Course.						
Investigation 1: Analysis of Food Dyes in Beverages Advanced Inquiry Laboratory Kit		1		\$31.95		AP7642
Investigation 2: Percent Copper in Brass Advanced Inquiry Laboratory Kit		1		\$59.81		AP7643
Investigation 3: Gravimetric Analysis of Calcium and Hard Water Advanced Inquiry Laboratory Kit		1		\$25.50		AP7660
Investigation 4: Acidity of Beverages Advanced Inquiry Laboratory Kit		1		\$55.45		AP7645
Investigation 5: Separation of a Dye Mixture Using Chromatography Advanced Inquiry Laboratory Kit		1		\$61.70		AP7661
Investigation 6: Qualitative Analysis and Chemical Bonding Advanced Inquiry Laboratory Kit		1		\$77.75		AP7664
Investigation 7: Green Chemistry Analysis of a Mixture Advanced Inquiry Laboratory Kit		1		\$25.30		AP7653
Investigation 8: Analysis of Hydrogen Peroxide Advanced Inquiry Laboratory Kit		1		\$42.15		AP7647
Investigation 9: Separating a Synthetic Pain Relief Mixture Advanced Inquiry Laboratory Kit		1		\$57.90		AP7662
Investigation 10: Rate of Decomposition of Calcium Carbonate Advanced Inquiry Laboratory Kit		1		\$105.35		AP7648
Investigation 11: Kinetics of Crystal Violet Fading Advanced Inquiry Laboratory Kit		1		\$36.60		AP7644
Investigation 12: Designing a Hand Warmer Advanced Inquiry Laboratory Kit		1		\$47.95		AP7654
Investigation 13: Applications of LeChatelier's Principle Advanced Inquiry Laboratory Kit		1		\$79.15		AP7659
Investigation 14: Acid-Base Titrations Advanced Inquiry Laboratory Kit		1		\$45.05		AP7656
Investigation 15: Buffers in Household Products Advanced Inquiry Laboratory Kit		1		\$54.55		AP7665
Investigation 16: Properties of Buffer Solutions Advanced Inquiry Laboratory Kit		1		\$49.50		AP7663
AP Chemistry Lab Curriculum						
Our AP chemistry lab manual is specifically designed to address the goals, recommendations, and requirements of the AP chemistry curriculum as specified by the college board.						
Flinn Scientific Advanced Inquiry Labs for AP Chemistry Lab Manual		1		\$133.20		AP7671
Explain and Predict- Practice Free Response Questions for AP Chemistry, set of 24 booklets		1		\$40.95		AP7711
Ultimate Chemical Equations Handbook - Teacher Edition		1		\$44.00		AP7479
Ultimate Chemical Equations Handbook - Student Edition		24		\$11.80		AP7478
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