

STANDARD PHYSICAL SCIENCE LABORATORY SUPPLIES

Purchase Guide

from

**FLINN
SCIENTIFIC**

"Your Safer Source for Science"

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FLINN SCIENTIFIC

Standard

Physical Science Laboratory Supplies

2017 Edition

Purchase Guide

Easy Ordering Instructions

- 1) **Conduct an inventory of chemicals and apparatus on hand using the “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:**

Online: www.flinnsci.com

Email Order to: flinn@flinnsci.com

Fax Order to: 1-866-452-1436

Mail Order to: Flinn Scientific, Inc.

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Available from Flinn Scientific

Product/Item Name	Current Inventory Status	Quantity Recommended	Quantity Ordered	Unit Price	Total Price	Catalog Number
Equipment/Glass						
Apron, plastic, med-duty		36		\$6.50		AP7120
Beaker, Borosilicate Glass, 100 mL		24		\$3.50		GP1010
Beaker, Borosilicate Glass, 1000 mL		6		\$8.40		GP1040
Beaker, Borosilicate Glass, 250 mL		24		\$3.40		GP1020
Beaker, Borosilicate Glass, 50 mL		24		\$3.30		GP1005
Beaker, Borosilicate Glass, 600 mL		12		\$4.60		GP1030
Beaker, Polypropylene, 100 mL		24		\$2.00		AP8101
Beaker, Polypropylene, 1000 mL		6		\$5.50		AP8106
Beaker, Polypropylene, 250 mL		24		\$2.50		AP8103
Beaker, Polypropylene, 50 mL		24		\$1.80		AP8100
Beaker, Polypropylene, 500 mL		12		\$4.45		AP8105
Beral Pipet, Graduated, pkg/500, per pkg		1		\$24.95		AP1516
Beral Pipet, Thin Stem, pkg/500, per pkg		1		\$25.60		AP1444
Bottle, Drop Clear, Square, Glass, 30 mL		24		\$4.85		AP1442
Bottle, Drop Dispensing, Polyethylene, 60 mL		24		\$5.60		AP1695
Bottle, Wash, Polyethylene, 250 mL		12		\$4.30		AP8108
Bunsen Burner, Natural Gas		12		\$19.70		AP1017
Burner Tubing, black, 10 foot length		6		\$14.40		AP8285
Candles, White, 5", pkg/4, per pkg		6		\$6.05		C0192
Ceramic Fiber Squares, pkg/12, per pkg		1		\$33.05		AP1244
Clamp, C-Clamp, 4"		12		\$9.70		AP1248
Clamp, Single Buret, plastic-coated jaw		12		\$12.55		AP1034
Clamp, Test Tube, with finger grips		12		\$3.10		AP8217
Clamp, Thermometer		12		\$18.25		AP1039
Clay, Modeling, 5 lb, Assorted Colors		1		\$20.50		FB0600
Corks, Assorted, Sizes 0-9 (pkg/100), per pkg		6		\$16.80		AP8321
Corks, Assorted, Sizes 3-16 (pkg/100), per pkg		6		\$23.70		AP8320
Cylinder, Borosilicate Glass, Economy Choice, 100 mL		24		\$13.00		GP2056
Cylinder, Borosilicate Glass, Economy Choice, 1000 mL		1		\$59.30		GP9088
Cylinder, Borosilicate Glass, Economy Choice, 500 mL		6		\$35.30		GP2060
Cylinder, Polypropylene, Economy Choice, 100 mL		24		\$6.55		AP8136
Cylinder, Polypropylene, Economy Choice, 1000 mL		2		\$17.10		AP5362
Cylinder, Polypropylene, Economy Choice, 500 mL		24		\$11.90		AP8140
Demonstration Tray		1		\$85.25		AP5429
Dishes, Weighing, 1.5g, pkg/500, per pkg		1		\$35.90		AP1278
Drying Rack, plastic		1		\$136.90		AP5381
Electronic Balance, 510g x 0.1g		6		\$203.00		OB2139
Filter Paper, Qualitative, 11 cm		2		\$6.05		AP3103
Fire Blanket with Case		1		\$117.65		SE3006
Fire Extinguisher, Dry Chem, ABC		1		\$119.60		SE3001

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First Aid Kit for 50 People		1		\$78.70		SE1029
Flasks, Erlenmeyer, Student, 250 mL		12		\$4.10		GP9140
Flinn's Online Chemventory™, 5 year license		1		\$349.00		SE3000
Flint Lighter		6		\$2.95		AP8346
Gloves, Nitrile, Disposable, Large		2		\$17.75		AP7080
Gloves, Nitrile, Disposable, Med		4		\$17.75		AP7079
Goggle Sanitizer		1		\$577.45		SE1000
Goggles, Chemical Splash, Fog-Free		36		\$5.95		AP8956
Hot Plate, 4" x 4"		12		\$205.00		AP8182
Hot Vessel Gripping Device		2		\$18.55		SE039
Incubator		1		\$407.00		AP1565
Lighter Flints, pkg/5, per pkg		6		\$2.52		AP8348
Magnetic Stirrer/Hot Plate 4" x 4"		1		\$413.75		AP8180
Magnifier, Pocket, 4x		12		\$4.45		AP2017
Meter Stick, Hardwood, Brass Ends		12		\$6.85		AP5384
Mortar & Pestle Set, Porcelain, Flinn		1		\$26.45		AP7704
Pipet, Medicine Dropper, pkg/12, per pkg		2		\$0.29		AP5102
Power Supply, Multiple Voltage Battery Eliminator		1		\$107.90		AP5375
Pump Vacuum, Single Stage		1		\$633.00		AP1712
Ring Stand, 5.5" x 8" x 19.5"		12		\$12.15		AP4550
Ring Support, 3", with clamp		12		\$12.65		AP1320
Rubber Stoppers, Assorted, 00-7, 1 lb		6		\$16.60		AP6229
Rubber Stoppers, Assorted, 1-6, 1 lb		6		\$15.80		AP2320
Ruler, Metric/English, Clear, 30 cm		36		\$1.44		AP6324
Scoop, Handle		6		\$3.05		AP1068
Scoop, Stainless Steel		6		\$2.10		AP8338
Small Bell Jar, with Molded Glass Knob		1		\$102.90		AP6655
Spatula, Stainless Steel, Micro		12		\$4.90		AP1322
Spot Plates, Polystyrene, pkg/12, per pkg		2		\$9.10		AP6399
Spring Scales, 2000g/20N		12		\$8.10		AP4845
Stirring Bar Retriever		1		\$15.65		AP1091
Stirring Rod, Plastic		12		\$2.56		AP8150
Tape Measure, Windup		1		\$21.55		AP6323
Test Tube Rack, Wood, 6-Tube, 22 mm		12		\$10.60		AP8220
Test Tubes with Rims, 13 x 100 mm, pkg/50, per pkg		1		\$0.51		GP6010
Test Tubes with Rims, 20 x 150 mm, pkg/50, per pkg		1		\$0.91		GP6030
Thermometer Rack		1		\$41.65		AP1506
Thermometer, -20 to 110 °C, Partial, Non-Mercury		12		\$5.65		AP1452
Thermometer, Anti-Roll-off Device, pkg/25, per pkg		1		\$5.10		AP8408
Timers, Student, pkg/12, per pkg		1		\$95.95		AP6396
Tongs, Beaker		12		\$6.85		AP8236
Tongs, Utility		12		\$2.78		AP1359
Toothpicks, Wood, box/250, per box		4		\$2.21		AP2016
Triple Beam Balance		12		\$168.00		OB1040

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Twine, Hemp		3		\$3.65		AP6014
Vacuum Plate, Polycarbonate		1		\$111.65		AP1869
Vacuum Tubing, 10 ft		1		\$25.95		AP8789
Wax Pencil, Black		12		\$1.20		AP8291
Wax Pencil, Red		12		\$1.20		AP8292
Wire Gauze Squares w/Ceramic, 4" x 4"		12		\$2.15		AP1188
Physical Science						
Alliga+97:113tor Cords, pkg/10, per pkg		6		\$9.75		AP6052
Ammeter, Dual-Range, DC		12		\$17.40		AP9045
An Introduction to Small Scale Thermodynamics		1		\$38.00		AP5912
Analysis of Simple Mixtures		1		\$87.00		AP5436
Anunciator Wire (Bell wire)		12		\$21.50		AP5417
Bar Magnets, Pair, Alnico		12		\$15.60		AP9264
Basic SI Units and Prefixes Chart 48" x 32"		1		\$32.75		AP6899
Battery Holder, D-cell, with wire clips		12		\$2.36		AP4653
Calorimeter, small-scale, pkg/12, per pkg		2		\$16.35		AP5928
Concave/Convex Mirror		12		\$8.45		AP7302
Clamp Holder for AP4535 (Inclined Plane)		12		\$18.05		AP8219
Conductivity Meter		12		\$22.50		AP1493
Cow Magnet		12		\$12.95		AP1944
Crystal Structure Lab Kit		1		\$70.50		AP7036
Demonstration Balance Support		1		\$19.95		AP4669
Density Cube Set		12		\$34.45		AP6058
Discharge Electrode, Economy Choice		1		\$53.55		AP7111
Double Pulley		12		\$4.80		AP9054
Electrostatics Kit		6		\$26.10		AP9026
Equilateral Prism Set		6		\$25.30		AP6056
Flinn Chemical Element Set		1		\$126.35		AP1128
Flinn C-Spectra Sheet, 8 x 10 sheet		2		\$21.70		AP1714
Flinn pH Meter		12		\$44.70		AP8673
Friction Block, Classroom Set		1		\$87.15		AP6222
Genecon Generator		12		\$68.65		AP6585
Gyroscope		1		\$10.90		AP1955
Halls Carriage, Economy Choice		12		\$13.80		AP6532
Handheld Mirror, 3" x 3"		12		\$3.00		FB0662
Heat Transfer Kit		12		\$24.20		AP4536
Hero's Engine, Simple Steam Engine		1		\$29.55		AP7115
Hook Cartesian Diver Kit		1		\$4.40		AP4548
Horseshoe Magnet, ceramic		12		\$2.75		AP9266
Hydrion 1-12 Test Papers vial/100, per vial		10		\$2.00		AP1107
Inclined Plane, Economy Choice		12		\$49.95		AP4535
Introduction to Bernoulli's Principle Kit		1		\$43.90		AP6904
Introduction to Electron Structure Kit		1		\$37.50		AP6608

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Introduction to Paper Chromatography		1		\$64.75		AP4503
Iron Metal Filings, 500 g		1		\$7.00		I0011
Lamp and Reflector, Infrared		6		\$46.60		AP5372
Lamp Board, Three		12		\$23.40		AP9057
Lens, Double Concave, 38 mm x 20 cm		12		\$3.85		AP5679
Lens, Double Concave, 38 mm x 5 cm		12		\$3.80		AP5676
Lens, Double Convex, 38 mm x 30 cm		12		\$3.85		AP5685
Lens, Double Convex, 38 mm x 5 cm		12		\$5.00		AP5681
Lever Clamp w/Hanger		12		\$6.20		AP4672
Lewis Electron Dot Model Kit		1		\$35.20		AP4580
Light Bulbs, Miniature, 2.25V		72		\$1.30		AP9249
Light Bulbs, Miniature, 3.7V		72		\$1.64		AP9072
Magnet Wire		6		\$6.50		AP6204
Magnetic Atom Model		1		\$77.95		AP6023
Magnetic Field Demonstrator		1		\$31.90		AP4748
Measurement Challenge, A Density Lab Kit		1		\$81.15		AP5939
Measurement in the Laboratory		1		\$73.35		AP7059
Metal, Metalloid, Non-Metal Kit		1		\$57.70		AP5935
Meter Stick		12		\$3.95		AP8294
Meter Stick Optical Bench		12		\$9.60		AP4702
Metric Weight Set		6		\$104.15		OB2108
Models of Molecules Chart		1		\$132.75		AP2097
Motor, DC		12		\$2.84		AP6041
Mousetrap Cars - Super Value Guided-Inquiry Kit		1		\$140.75		AP7667
Naming Atoms - Elements, Ions & Isotopes Kit		1		\$49.90		AP6440
Newtonian Demonstrator		1		\$33.30		AP6913
Organic Individual Model Set		12		\$17.80		AP5452
Overflow Can, 850 mL Capacity		12		\$12.80		AP4627
Periodic Table Basics		1		\$59.80		AP4511
Periodic Table, Flinn, Two-Sided, 58" x 42"		1		\$82.90		AP9021
Periodic Table, Simplified, 38" x 50"		1		\$76.80		AP8563
Periodic Table, The Elements		1		\$33.55		AP7156
Pulley Cord, 45 m, Braided, High Strength		1		\$15.25		AP6036
Pulley Cord, 9 m, Braided, High Strength		6		\$4.70		AP9330
Receptacle, Lamp, Porcelain		36		\$3.65		AP9059
Rive Ray Box - Projected Light		1		\$180.00		AP5656
Rubber Mallet for AP6982 Tuning Forks		12		\$6.05		AP9039
Single Pulley		12		\$4.10		AP9053
Slinky®		12		\$8.80		AP1957
Slotted Weight Set, Economy Choice, 8 weights		6		\$74.20		OB2067
Specific Gravity Specimens, Set of 10		12		\$15.30		AP9235
Spring Scale, Pull-Type, 250 g/2.5 N <i>For use with Friction Blocks AP6222</i>		12		\$8.10		AP4836
Student Compass Set, pkg/30, per pkg		1		\$26.80		AP6387
Super Spring and Stand, 8' long, 3" diameter		1		\$43.80		AP6565

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Switch, Single Pole, Single Throw		12		\$4.30		AP9068
Triple Pulley		12		\$6.55		AP9055
Tuning Forks, Set of 8, Economy Choice		6		\$67.90		AP6982
Van De Graaf Generator		1		\$197.20		AP4699
Voltmeter, Dual-Range, DC		12		\$19.65		AP9047
What Is an Element? Kit		1		\$23.25		AP6850
Wood Splints, pkg/1000, per pkg		1		\$6.60		AP4455

TOTAL

These items are supplies most frequently needed for outfitting a physical science laboratory. This list should be used as a guide to aid in the purchasing of equipment. Please check your individual lab notes, textbooks, lab manuals, etc., before you finalize your purchase list. Allocating an additional \$1,000 for miscellaneous supplies (not listed below) is recommended.

All quantities are figured for a class of 24 students working in pairs at stations built for two groups. Please adjust recommended quantities accordingly.

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