

MIDDLE SCHOOL LABORATORY SUPPLIES

Purchase Guide

from

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FLINN SCIENTIFIC

Middle School 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 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
Equipment/Glass						
Apron, Plastic, Medium-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, Dropping, 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, 5/16", 10' length		6		\$14.40		AP8285
Candles, White, 5", pkg/4, per pkg		6		\$6.05		C0192
Ceramic Fiber Squares, 5" x 5", 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, 10 mL		24		\$9.00		GP2050
Cylinder, Borosilicate Glass, Economy, 100 mL		24		\$13.00		GP2056
Cylinder, Borosilicate Glass, Economy, 1000 mL		1		\$59.30		GP9088
Cylinder, Borosilicate Glass, Economy, 50 mL		24		\$11.25		GP2054
Cylinder, Borosilicate Glass, Economy, 500 mL		6		\$35.30		GP2060
Cylinder, Polypropylene, Economy Choice, 10 mL		24		\$3.95		AP8130
Cylinder, Polypropylene, Economy Choice, 50 mL		24		\$5.60		AP8134
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		6		\$11.90		AP8140
Demonstration Tray, Large		1		\$85.25		AP5429
Dishes, Weighing, 1.5g, pkg/500, per pkg		1		\$35.90		AP1278
Drying Rack, Polyethylene		1		\$136.90		AP5381
Electronic Balance, 510g x 0.1g		6		\$203.00		OB2139
Filter Paper, Qualitative, 11 cm		2		\$6.05		AP3103

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Fire Blanket with Case		1		\$117.65		SE3006
Fire Extinguisher, Dry Chem, ABC		1		\$119.60		SE3001
First Aid Kit for 50 People		1		\$78.70		SE1029
Flasks, Erlenmeyer, Student, 250 mL		12		\$4.10		GP9140
Flint Lighter		6		\$2.95		AP8346
Gloves, Nitrile, Disposable, Large, pkg/100, per pkg		2		\$17.75		AP7080
Gloves, Nitrile, Disposable, Med, pkg/100, per pkg		4		\$17.75		AP7079
Goggle Sanitizer		1		\$577.45		SE1000
Goggles, Chem 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, 65 mL		1		\$8.45		AP6066
Pipet, Medicine Dropper, pkg/12, per pkg		2		\$3.23		AP5102
Power Supply, Multiple Voltage Battery Eliminator		1		\$107.90		AP5375
Pump Vacuum, Single Stage		1		\$633.00		AP1712
Ring Support, 3", with clamp		12		\$12.65		AP1320
Rubber Stoppers, Solid, Assorted, size 00-7 (1 lb)		6		\$16.60		AP6229
Rubber Stoppers, Assorted Types, size 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		6		\$9.10		AP6399
Spring Scales, pull-type, 2 Kg/20N		12		\$8.10		AP4845
Stirring Bar Retriever		1		\$15.65		AP1091
Stirring Rod, Plastic		12		\$2.56		AP8150
Support Stand, 5.5' x 8' x 19.5" H		12		\$12.15		AP4550
Tape Measure, Windup, 30 m		1		\$21.55		AP6323
Test Tube Rack, Wood, 6-Tube, 22 mm		12		\$10.60		AP8220
Test Tubes with Rims, 13 x 100 mm, 9 mL		50		\$0.51		GP6010
Test Tubes with Rims, 20 x 150 mm, 34 mL		50		\$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 pkg		4		\$2.21		AP2016

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Triple Beam Balance		12		\$168.00		OB1040
Twine, Jute		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
Life Science						
Applicator Swabs (pkg/200), per pkg		1		\$24.95		AP7696
Aquarium Starter Kit, Complete, 10 gal.		1		\$188.60		FB0280
Beginners Slide Set		12		\$22.40		ML1399
Cover Slips, Glass, #1, 18 mm x 18 mm, pkg/100, per pkg		2		\$8.25		ML1382
Culture (Petri) Borosilicate Glass, 100 x 15 mm, pkg/12, per pkg		2		\$80.50		GP3020
Culture (Petri) Dishes, Sterile Polystyrene, 55 x 15 mm, pkg/20, per pkg		10		\$7.30		AB1470
Depression Slides, Single, pkg/12, per pkg		6		\$11.30		ML1378
Dialysis Tubing, 25mm x 16mm x 15m		1		\$26.95		AB1229
Disposable Dialysis Tubing Clamps, pkg/100, per pkg		1		\$13.85		FB1232
Dissecting Pan, Aluminum, with flex pad		12		\$17.95		AB1072
Ear Model		1		\$75.95		FB1097
Eye Model		1		\$73.50		FB1099
Flinn DNA Model Set, 11 tier		1		\$45.95		AP6317
Flinn Microscope Maintenance Kit		1		\$31.15		FB1222
General Biology Dissecting Kit		12		\$13.70		AB1023
Greenhouse Cover		8		\$4.45		AB1459
Heart Model		1		\$83.95		FB1098
Hydrion 1-12 Test Papers vial/100, per vial		6		\$2.00		AP1107
Instant Protozoan Mix		1		\$13.55		FB1230
Lens paper, 4" x 6', 50 sheets/book, per book		1		\$1.55		AB1175
Lung Model		1		\$89.95		FB1136
Meiosis Chart		1		\$25.25		FB0364
Microscope Slides, Glass, pkg/72, per pkg		6		\$7.25		ML1398
Microscope, Compound, Flinn, 4X,10X, 40XR		12		\$265.00		MS1121
Mini Torso w/head, 12-part		1		\$219.95		FB0755
Mitosis Chart		1		\$25.25		FB0363
Mitosis v. Meiosis Compariset		6		\$48.15		ML1396
Nutrient Agar, 23g		1		\$11.65		N0092
Owl Pellets, pkg/15, per pkg		2		\$52.45		FB0095
Peat Pots, Jiffy, 2 1/4", pkg/12, per pkg		1		\$2.53		AB1453
Pins, Dissection "T" type, 1.5" L, ~360/box, per box		1		\$13.00		AB1040
Plant Stand, Economy		1		\$169.75		FB0629
Plant vs. Animal Compariset		6		\$24.65		ML1392
Planting Mix, 8 qt.		1		\$8.45		AB1460

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Planting Tray Insert, 72 cell		8		\$3.80		AB1457
Planting Tray, Plastic, 11" x 22"		8		\$4.00		AB1456
Plastic Slide Storage Boxes, 25 slides		12		\$3.20		FB1353
PTC Paper, vial/100, per vial		10		\$2.16		AP7989
Razor Blades, Single Edge, pkg/100, per pkg		1		\$14.10		AB1043
Scalpel Blades, Stainless Steel, sz. 22, pkg/10, per pkg		12		\$2.97		AB1057
Scalpel Handle, Surgical Quality		12		\$4.85		AB1049
Skeleton, Economy Choice		1		\$451.45		FB1285
VideoFlex Model 7200 HD		1		\$699.00		FB2029
Viruses & Bacteria Poster		1		\$14.00		FB1677
Visualizing Cells Poster		1		\$13.35		FB1326
Environmental/Earth Science						
Air in a Bottle		1		\$52.75		AP7558
Air Pollution Investigation Kit		1		\$86.90		AB1118
Anemometer, Pocket		1		\$50.30		FB0507
Barometer Aneroid		1		\$117.80		AP1884
Becker Bottles - Set of Two		1		\$90.35		AP4863
Compass, Magnetic, Liquid Filled		12		\$11.25		AB1127
Constellation Transparency Set		1		\$39.50		AP6600
Coriolis Effect Kit		2		\$73.00		AP7346
Culture Slide Rack		6		\$48.90		FB0448
Culture Slides, pkg/120, per pkg		1		\$80.40		FB0446
Deluxe Stream Table Kit		1		#####		AP5126
Earth's Magnetic Field Kit		1		\$52.15		AP7157
Flinn Winkler Dissolved Oxygen Test Kit		1		\$53.85		FB1113
Forensic Groundwater Contamination Kit		1		\$66.10		FB0012
Freshwater Pollution Testing Kit		1		\$64.95		AP5953
Glass Hardness Plates, pkg/10, per pkg		6		\$18.95		AP7379
Igneous Rock Collection		1		\$21.10		AP4998
Investigating Impact Craters - Super Value Kit		1		\$62.80		AP7676
Map of the Universe Chart		1		\$28.35		AP5233
Metamorphic Rock Collection		1		\$21.10		AP4999
Moon Poster		1		\$23.25		AP7685
North American Weather Map		1		\$85.45		AP5220
North American Weather Student Maps (Pad of 50)		1		\$11.10		AP6002
Plate Tectonics Chart		1		\$65.45		AP5199
Rock and Mineral Test Kit		6		\$10.25		AP5291
Secchi Disk		1		\$61.25		AP7175
Sedimentary Rock Collection		1		\$21.10		AP5000
Seismograph Model		1		\$37.10		AP5122
Sling Psychrometer Kit, Classroom Set		1		\$97.95		FB1582
Soil Analysis Kit		1		\$468.45		AB1143
Soil Sampling Bags, pkg/100, per pkg		1		\$52.10		AB1147

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Soil Sieve Set		1		\$73.90		AB1140
Solar Motion Demonstrator		1		\$29.25		AP5314
Solar System Chart		1		\$13.35		AP5236
Star Charts, Student Notepad, pkg/50		1		\$13.35		AP5235
Star Finder Dial, Luminous		1		\$9.20		AP5231
Stereo Atlas Book		6		\$18.45		AP5099
Stereoscope, Flinn Economy, 2X, 4X, LED		12		\$295.00		MS1132
Stereoscope Glasses		12		\$9.55		AP5264
Streak Plates, Black, pkg/10, per pkg		6		\$10.20		AP5082
Streak Plates, White, pkg/10, per pkg		6		\$9.30		AP5081
Stream Table Sand, 50 lbs.		1		\$55.20		AP6462
Tectonics Model Demonstration		1		\$81.95		AP7178
Test Chips for Washington School Collection		6		\$8.60		AP4872
The Constellation Globe		1		\$89.75		AP5138
The Orbiter Planetarium		1		\$194.10		AP5134
The Pioneer Globe		1		\$76.70		AP5143
Tornado Tube		12		\$4.25		AP1930
Ultimate Cloud-Forming Apparatus		1		\$26.95		AP5302
Ultraviolet Lamp, 18"		1		\$43.15		AP9030
Ultraviolet Lamp, 18", pkg		12		\$6.60		AP4663
Spacestation®, 60 mm Refractor Telescope, Tasco		1		\$159.85		AP7123
Washington School Collection		1		\$52.35		AP4879
Water Cycle Adventure - Super Value Kit		1		\$14.40		AP7675
Water Cycle Model with Study Cards		1		\$109.00		AB1159
Water Dipper, 3 foot handle		1		\$42.20		AP5054
Water Purification Kit		1		\$33.70		AB1201
Weather Model		1		\$111.00		AP5128
World Geophysical Relief Map		1		\$37.15		AP5157
Vantage Pro2 Wireless Weather Station		1		\$712.70		AP7538
Physical Science						
Alligator Cords, pkg/10, per pkg		6		\$9.75		AP6052
Alpha III Launch Set		1		\$30.20		AP7389
Alpha Rocket, pkg/12, per pkg		1		\$125.45		AP4805
Ammeter, Dual-Range, DC		12		\$17.40		AP9045
Anunciator Wire (Bell wire)		12		\$21.50		AP5417
Bar Magnets, Pair, Alnico		12		\$15.60		AP9264
Basic Ray Optics Set		1		\$64.00		AP5659
Basic SI Units and Prefixes Chart 48" x 32"		1		\$32.75		AP6899
Battery Holder, D-cell, with wire clips		12		\$2.36		AP4653
Build Models of Molecules Guided Inquiry Kit		1		\$63.00		AP7289
Calorimeter, small-scale, pkg/12, per pkg		2		\$16.35		AP5928
Clamp Holder for AP4535 (Inclined Plane)		12		\$18.05		AP8219
Concave/Convex Mirror		12		\$8.45		AP7302

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Conduction, Convection and Radiation		1		\$73.20		AP7183
Conductivity Meter		12		\$22.50		AP1493
Cow Magnet		12		\$12.95		AP1944
Demonstration Balance Support		1		\$19.95		AP4669
Density Cube Set		12		\$34.45		AP6058
Discharge Electrode, Economy Choice		1		\$53.55		AP7111
Electrostatics Kit		6		\$26.10		AP9026
Equilateral Prism Set		6		\$25.30		AP6056
Flinn C-Spectra Sheet, 8 x 10 sheet		2		\$21.70		AP1714
Flinn Hands-On Chemical Element Set		1		\$40.55		AP6876
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
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
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
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 Field Demonstrator		1		\$31.90		AP4748
Measurement Challenge, A Density Lab Kit		1		\$81.15		AP5939
Meter Stick Optical Bench		12		\$9.60		AP4702
Metric Weight Set		6		\$104.15		OB2108
Mini Dynamics Cart, pkg/2, per pkg		12		\$29.00		AP5632
Mirror, Flat, Acrylic 10 x 10 cm		12		\$3.15		AP4641
Motor, DC		12		\$2.84		AP6041
Mousetrap Car- Super Value Guided Inquiry Kit		1		\$140.75		AP7667
Newtonian Demonstrator		1		\$33.30		AP6913
Overflow Can, 850 mL Capacity		12		\$12.80		AP4627
Periodic Table, Flinn, Giant, 8' x 4'		1		\$176.30		AP8866
Periodic Table, Flinn, Simplified, 38" x 50"		1		\$76.80		AP8563

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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
Pulley, Double		12		\$4.80		AP9054
Pulley, Single		12		\$4.10		AP9053
Pulley, Triple		12		\$6.55		AP9055
Receptacle, Lamp		12		\$1.58		AP6035
Rive Ray Box - Projected Light		1		\$180.00		AP5656
Rubber Mallet for AP6982 Tuning Forks		12		\$6.05		AP9039
Slinky®		12		\$8.80		AP1957
Slotted Weight Set, Economy Choice, 8 weights, set		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- Item AP6222</i>		12		\$8.10		AP4836
Student Compass Set, pkg/30, per pkg		1		\$26.80		AP6387
Super Slinky and Stand, 8' long, 3" diameter		1		\$43.80		AP6565
Switch, Single Pole, Single Throw		12		\$4.30		AP9068
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
Wood Splints, pkg/1000, per pkg		1		\$6.60		AP4455

TOTAL

These items are supplies most frequently needed for outfitting a middle school science laboratory. Chemicals you need are dependent upon the textbook and activities you choose. Depending on school size we suggest you allocate approximately \$500–\$800 for the purchase of laboratory chemicals.

To help with finding the right materials for your laboratory, the middle school guide is divided into four sections: Equipment/Glass, Life Science, Environmental/Earth Science, and Physical Science. Each section contains our recommendations on the materials and equipment commonly used in middle school science labs. Please use this list as a guide for purchase. Please check your individual lab notes, textbooks, and activities before you finalize your purchase list.

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