

STANDARD PHYSICS LABORATORY SUPPLIES

Purchase Guide

from

**FLINN
SCIENTIFIC**

"Your Safer Source for Science"

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FLINN SCIENTIFIC

Standard

Physics 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

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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
PSworks						
Picket Fence		6		\$8.65		TC1546
PSworks Carriage and Ramp*		6		\$174.65		AP7003
PSworks Lever Arm*		6		\$50.65		AP7001
PSworks Pendulum*		6		\$48.95		AP7000
PSworks Roller Coaster Track*		6		\$113.35		AP7002
PSworks Support Stand		6		\$101.65		AP6999
PSworks Photogate Timer		6		\$316.70		AP6998
<i>*Requires PSworks Support Stand</i>						
Data Collection						
Accelerometer		12		\$105.25		TC1518
Current Probe		12		\$42.60		TC1541
Differential Voltage Probe		12		\$42.60		TC1542
Dual Range Force Sensor		12		\$126.00		TC1516
LabQuest® 2 Interface		12		\$345.45		TC1561
Light Sensor		12		\$64.00		TC1508
LoggerPro®3 Software		1		\$259.00		TC1421
Magnetic Field Sensor		12		\$67.40		TC1524
Microphone for CBL		12		\$44.90		TC2322
Motion Detector for CBL		12		\$95.15		TC2321
TI-83 Graphing Calculator		12		\$152.90		TC2306
Vernier Photogate		24		\$52.50		TC1517
Mechanics—Force						
Adhesion Disk		12		\$43.50		AP6027
Air Source		6		\$79.70		AP6527
Air Table—Built-in Air Supply		1		\$740.40		AP6397
Air Track		6		\$553.70		AP6061
Archimedes' Principle Kit		1		\$39.85		AP6380
Atmosphere Bar		1		\$44.95		AP5882
Atwood's Machine		1		\$39.90		AP6495
Ballistics Car		1		\$87.80		AP4637
Bed of Nails Demonstration Kit		1		\$47.35		AP6769
Bicycle Wheel Gyroscope		1		\$116.75		AP4610
Bottle Balance Beam Demonstration Kit		1		\$13.90		AP6376
Bowling Ball Pendulum		1		\$36.55		AP6839
Boyle's Law Apparatus		12		\$17.60		AP9223
Cartesian Diver Construction Kit		2		\$31.70		AP9082
Center of Gravity		1		\$15.05		AP7065

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Centripetal Force Apparatus		1		\$9.30		AP9164
Collapsing Can		1		\$12.05		AP4695
Collision in One Dimension—Classroom Set		1		\$143.55		AP6869
Collision in Two Dimensions		6		\$25.85		AP9165
Density Cube Set		12		\$34.45		AP6058
Double Thistle Tube, Osmosis Apparatus		12		\$52.30		AP6019
Dynamics Carts, Four-Wheel		12		\$102.50		AP5633
Economy Force Table		6		\$139.90		AP4612
Equal Mass Set		12		\$12.55		AP4636
Figure Skating Dumbbells		1		\$31.60		AP6840
Fountain Connection		12		\$6.90		AP8851
Galileo's Gravity Drop		6		\$52.60		AP7297
Friction Blocks, Classroom Set		1		\$87.15		AP6222
Hall's Carriage		1		\$27.65		AP9271
Hero's Engine		12		\$29.55		AP7115
Hooke's Law Apparatus		12		\$40.60		AP9210
Hooked Weights, 10-g		12		\$15.65		OB2119
Inclined Plane, Classroom Set		1		\$132.40		AP6685
Investigating Pulleys		12		\$19.00		AP6355
Measurement Challenge—A Density Lab Kit		1		\$81.15		AP5939
Newtonian Demonstrator		1		\$33.30		AP6913
Pressure Bottle		12		\$10.35		AP5930
Pressure Paradox		1		\$21.60		AP6301
Projectile Launcher		6		\$125.70		AP5696
Pump, Bicycle with gauge and release		1		\$71.45		AP6884
Ring and Discs		1		\$18.10		AP4634
Rotational Turn Table		6		\$53.80		AP4609
Second Law of Motion Apparatus		12		\$37.95		AP4737
Sliding Friction Sled		1		\$41.10		AP6732
Happy/Sad Balls		12		\$14.05		AP1971
Tornado Tube		12		\$4.25		AP1930
Mechanics—Thermodynamics						
Absolute Zero Device		12		\$147.20		AP4531
Ball and Ring Apparatus		1		\$16.35		AP9031
Calorimeter, Foam		12		\$10.85		AP6456
Calorimeter Resistor		12		\$14.35		AP4733
Compound Bar		12		\$8.30		AP5650
Conductometer		6		\$19.10		AP9212
Convection & Ventilation Box		1		\$77.45		AP6028
Convection of Liquids Tube		12		\$32.95		AP6053

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Density Box Demonstration		1		\$37.25		AP4784
Heat Transfer Kit		12		\$24.20		AP4536
Ice Melting Blocks		1		\$24.50		AP6488
Linear Expansion Apparatus		1		\$293.90		AP4679
Nitinol Live Wire, Inch Wire		12		\$1.74		AP1937
Steam Engine		1		\$262.40		AP5718
Steam Generator		1		\$79.80		AP5719
Super-Heated Steam Demonstration Kit		1		\$14.60		AP6158
Touch Paper (Smoke) 8 x 10, 12/Pkg <i>for use with AP6028</i>		2		\$14.70		AP6015
Electricity and Magnetism						
Ammeter, Dual Range, DC		12		\$17.40		AP9045
Bar Magnet, Steel		12		\$10.75		AP9262
Coulomb's Law Apparatus		12		\$50.20		AP9227
Current Balance, External		12		\$205.95		AP5630
DC Motor Made Simple-Classroom Set		1		\$32.05		AP6263
Discharge Electrode		1		\$95.05		AP5634
Dual-Trace, 30-MHz Oscilloscope		6		\$620.20		AP5616
Economy Ceramic Ring Magnet, Small, Pkg. 6		24		\$1.34		AP5664
Electromagnet Kit		12		\$30.85		AP5728
Electronic Snap Circuits		12		\$68.75		AP6531
Faraday's Electromagnetic Induction Apparatus		1		\$144.15		AP5636
Flask Form Electroscope		12		\$20.55		AP7150
Friction Pad, Animal Fur, Small		12		\$10.30		AP9205
Friction Pad, Flannel		12		\$3.25		AP9207
Friction Pad, Silk		12		\$4.60		AP9208
Friction Pad, Wool		12		\$5.45		AP9206
Friction Rod, Hard Rubber		12		\$6.40		AP9169
Friction Rod, Hollow Glass		12		\$5.35		AP9202
Friction Rod, Lucite®		12		\$4.05		AP9201
Friction Rod, Solid Glass		12		\$6.35		AP9203
Galvanometer, -500 to +500 mA		12		\$20.70		AP5742
Hoffman Electrolysis Demonstration Apparatus		1		\$283.00		AP5439
Hollow Sphere		1		\$91.65		AP5989
Horseshoe Magnet, ceramic		12		\$2.75		AP9266
Insulating Stand		1		\$65.00		AP5990
Introduction to Magnets		1		\$77.70		AP6457
Lightbulbs, Miniature, 2.25 V		72		\$1.30		AP9249
Lightbulbs, Miniature, 2.47 V		72		\$1.64		AP9256
Lightning Plate		1		\$21.65		AP5991
Magnet Wire		1		\$6.50		AP6204

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Magnetic Field Demonstrator		1		\$31.90		AP4748
Motor, St. Louis`		1		\$69.35		AP4629
Multimeter, Student		6		\$37.50		AP4639
Neodymium Magnet		12		\$11.40		AP5666
Neon Wand		1		\$14.50		AP5675
Primary-Secondary Coil		12		\$61.25		AP4630
Simple Circuits Kit		12		\$46.55		AP6302
Switch, Single Pole, Single Throw		24		\$4.30		AP9068
Van de Graaf Generator, 400-kV		1		\$695.40		AP6476
Voltmeter, Dual Range, DC		12		\$19.65		AP9047
Wimhurst Static Machine		1		\$168.75		AP4738
Optics and Light						
Air Spectrum Tube		1		\$41.00		AP1328
Basic Ray Optics Set		6		\$64.00		AP5659
Build a Telescope Kit		12		\$27.25		AP6266
C-Spectra™		12		\$21.70		AP1714
Carbon Dioxide Spectrum Tube		1		\$41.00		AP1331
Color and Light Spectrum Demonstrations		1		\$44.85		AP6172
Color Wheel		1		\$33.40		AP6712
Complete Optics System		1		\$3,084.85		AP5783
Demonstration Lens Set		1		\$25.90		AP4651
Solar Spectrum Chart		1		\$27.15		AP5624
Helium Gas Spectrum Tube		1		\$41.00		AP1333
Hydrogen Gas Spectrum Tube		1		\$41.00		AP1334
Laser Pointer		12		\$23.15		AP8934
Laser Pointer Education Kit		12		\$27.40		AP4507
Lens, Double Concave, 50mm x 150mm		12		\$4.20		AP4645
Lens, Double Concave, 38mm x 20mm		12		\$3.85		AP5679
Lens, Double Convex, 50mm x 150mm		12		\$4.05		AP4646
Lens, Double Convex, 50mm x 250mm		12		\$3.85		AP6391
Meterstick Optics Bench Kit		12		\$40.20		AP6098
Mirror, Concave		13		\$4.05		AP4643
Mirror, Convex		13		\$4.00		AP4642
Newton's Color Wheels		1		\$11.40		AP6162
Nitrogen Gas Spectrum Tube		1		\$41.00		AP1339
Oxygen Gas Spectrum Tube		1		\$41.00		AP1340
Polarizing Film 6" x 6"		12		\$36.55		AP8913
Prism, Equilateral, Glass 25 x 75 mm		12		\$10.40		AP9238
Prism Set, Acrylic, Set of 6		6		\$43.15		AP4650
Rive Ray Box		6		\$180.00		AP5656

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Simulated Double-slit Interference Spectrometer, Advanced		1		\$68.40		AP6626
Spectrum Tube Power Supply		6		\$289.00		AP5716
Water Vapor Spectrum Tube		1		\$214.00		AP1327
		1		\$41.00		AP1341
Sound and Waves						
Bracken Demonstration Spinner		12		\$28.15		AP6202
Boom Whackers		1		\$33.70		AP6985
Buzzer in a Vacuum		1		\$74.85		AP4532
Doppler Effect Demo		1		\$21.25		AP6577
Light Source, High Power		1		\$55.45		AP5707
Resonance Tube Apparatus		1		\$147.20		AP5703
Resonance Tube, Open-ended		12		\$21.05		AP4616
Ripple Tank Apparatus		1		\$379.00		AP5705
Rubber Mallet for Tuning Forks		12		\$6.05		AP9039
Singing Tube Demonstration		1		\$28.30		AP6312
Slinky®		12		\$8.80		AP1957
Standing Wave Generator*		12		\$27.20		AP6161
Sympathetic and Differential Tuning Fork Set		1		\$133.00		AP5724
Tuning Fork Activator		1		\$13.80		AP6422
Tuning Forks, Set of 8, Economy		6		\$67.90		AP6982
Wave Demonstrator		1		\$27.00		AP9023
Wave Generator, Adjustable Phase		1		\$86.90		AP5706
<i>* Requires Bracken Demonstration Spinner (AP6202)</i>						
Rocketry						
Alpha Bulk Pack-Pkg of 12		1		\$125.45		AP4805
Electron Beam Controller		1		\$25.65		AP5708
Launch Pad		1		\$22.60		AP5709
Recovery Wadding		2		\$5.45		AP4817
Rocket Engines, Pkg of 24		1		\$71.21		AP4812
Ultra Stomp Rocket		6		\$23.05		AP6932
Apparatus, Supplies and Kits						
Alligator Cords, Pkg. of 10		12		\$9.75		AP6052
Beakers, Low Form, 400-mL Borosilicate Glass		12		\$3.75		GP1025
Beakers, Low Form, 600-mL Borosilicate Glass		12		\$4.60		GP1030
Build a Dry Cell Battery		1		\$78.80		AP6925
Burner Tubing Connector, 2'		12		\$17.75		AP1602
Cylinders, Graduated, 100-mL Borosilicate		12		\$13.00		GP2056
Cylinders, Graduated, 500-mL Borosilicate		12		\$35.30		GP2060

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Cylinders, Graduated, Borosilicate, Single Scale, 1,000-mL		12		\$59.30		GP9088
Electronic Balance, 300 x 0.1 g, Flinn		12		\$173.00		OB2138
Gloves, Cotton & Canvas		24		\$11.15		SE1031
Goggles, Fog Free, Standard, Vented		24		\$9.75		AP3309
Hooked Weight Set, Economy Choice		12		\$49.95		OB2066
Hot Plate, Flinn, 4" x 4"		12		\$205.00		AP8182
Lighter, Gas, Piezo		1		\$23.50		AP1576
Meter Stick		12		\$3.95		AP8294
Micro Bunsen Burner, Natural Gas		12		\$27.00		AP1024
Power Supply		12		\$230.90		AP5903
Pump, Vacuum, Single-Stage		1		\$633.00		AP1712
Ruler, 12", Opaque		12		\$1.03		AP4684
Spring Scale, Pull Type, 250 g/2.5 N		12		\$8.10		AP4836
Spring Scale, Pull Type, 500 g/5 N		12		\$8.10		AP4837
Spring Scale, Pull Type, 1 kg/10 N		12		\$8.10		AP4665
Stand, Burner, w/Wire Gauze Square		12		\$15.30		AP1661
Thermometers, -10 to 150 °C, Total Spirit Filled, Teflon® Coated		24		\$12.90		AP1828
Tubing, Vacuum, 10 ft.		1		\$25.95		AP8789

TOTAL

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