



| CSTA Description | Flinn Description | Flinn Catalog # | CSTA Recommended Quantity per Lab Group | CSTA Recommended Quantity per classroom | Desired Quantity (Enter numerical value) | Flinn Price | Total |
|--|--|------------------------|---|---|--|-------------|-------|
| Safety Equipment | | | | | | | |
| Aprons | Apron, Rubberized, Medium Duty 27" wide x 36" (multiple sizes available) | AP7126 | | Classroom Set | | \$ 17.95 | \$ - |
| Eye Wash Station | Eyewash, economy (multiple options available) | SE2514 | | 1 | | \$ 314.97 | \$ - |
| Fire Blanket | Fire Blanket w/ Case | SE3006 | | 1 | | \$ 155.00 | \$ - |
| Fire Extinguisher | Fire Extinguisher, Dry Chemical ABD 10 lb | SE3001 | | 1 | | \$ 139.97 | \$ - |
| Goggles | Flinn Visor Gogs | AP1362 | 1/student | | | \$ 12.75 | \$ - |
| Goggle Sanitizer | Goggle Sanitizer | SE1000 | | 1 | | \$ 785.00 | \$ - |
| Computer Assisted Learning | | | | | | | |
| Television or Projector | N/A | N/A | | | | N/A | \$ - |
| VGA Adapters | N/A | N/A | | | | N/A | \$ - |
| Equipment/Supplies | | | | | | | |
| Mechanics/Force Equipment | | | | | | | |
| Accelerometer (alternate computer-based probeware/sensors may be used) | Accelerometer, Pocket (Multiple Options Available) | AP9224 | | 1 | | \$ 37.52 | \$ - |
| Air track and accessories (air source, air table, track w/ spark timing system) | Airtrack | AP5615 | | | 1 | \$ 775.00 | \$ - |
| Air track and accessories (air source, air table, track w/ spark timing system) | Air Sources with hose for Air Track | AP5617 | | | 1 | \$ 750.00 | \$ - |
| Air track and accessories (air source, air table, track w/ spark timing system) | Universal Spark Generator | AP5712 | | | 1 | \$ 795.60 | \$ - |
| Archimedes Principle kit | Archimedes Principle Student Lab Kit | AP6380 | | | 1 | \$ 47.03 | \$ - |
| Balance | Flinn Electronic Balance 300g x 0.1g | QB2138 | | 1 | | \$ 205.00 | \$ - |
| Bicycle Wheel Gyroscope | Gyroscope Bicycle Wheel | AP4610 | | | 1 | \$ 138.88 | \$ - |
| Boyles Law apparatus | Boyles Law apparatus | AP9223 | | 1 | | \$ 30.00 | \$ - |
| Cart, halls (4 aluminum low friction wheels, total length 6") | Halls Carriage | AP9271 | | 1 | | \$ 30.76 | \$ - |
| c-clamps | C-Clamp 3" (multiple Sizes available) | AP1247 | | | 40 | \$ 10.16 | \$ - |
| Collision in two dimension kit (track, balls: 2-steel,1-glass, 1-wood) | Collision in Two Dimensions | AP9165 | | 1 | | \$ 27.79 | \$ - |
| Drawing Compasses | Pencil Compass | AP5356 | | | 40 | \$ 2.53 | \$ - |
| Electronic timer / photogates (alternate computer-based probeware/sensors may be used) | Flinn Photogate Timer | AP6998 | | | 1 | \$ 395.00 | \$ - |
| Force Table | Economy Force Table | AP4612 | | | 1 | \$ 154.80 | \$ - |
| Inclined plane set | Inclined Plane Classroom set | AP6685 | | 1 | | \$ 148.35 | \$ - |
| Mass set (10g - 1000g) | Metric Weight Set 1g - 1000g | QB2109 | | 1 | | \$ 190.00 | \$ - |
| Meter sticks | Meter stick, english/metric | AP8294 | | 2 | | \$ 5.35 | \$ - |
| Momentum/collision apparatus | Momentum and Collisions | AP7399 | | 1 | | \$ 44.29 | \$ - |
| Motion Sensor | Motion Detector 2 | TC2321 | | 1 | | \$ 120.00 | \$ - |
| Newton's Cradle *collision balls* | Newtonian Demonstrator | AP6913 | | | 1 | \$ 37.00 | \$ - |
| Pendulum set | Psworks Pendulum | AP7000 | | 1 | | \$ 54.82 | \$ - |
| Protractors | Protractor 180 degree | AP9286 | | | 40 | \$ 1.24 | \$ - |
| Pulley apparatus | Pulley, Aluminum (Multiple Options Available) | AP7806 | | 2 | | \$ 5.31 | \$ - |
| Ring stand clamps | Clamp Holder | AP8219 | | | 20 | \$ 22.25 | \$ - |
| Ring stands (or other lab counter top support) | Support stand | AP4550 | | | 20 | \$ 31.00 | \$ - |
| Rulers, 12-18" (with metric markings) | Ruler, English/Metric, Opaque 12" | AP4684 | | | 20 | \$ 1.14 | \$ - |
| Spring scales (1 kg) | Push/Pull type spring scale 1kg | AP7339 | | 1 | | \$ 18.00 | \$ - |
| Spring scales (500 g) | Push/Pull type spring scale 500g | AP7338 | | 1 | | \$ 19.00 | \$ - |
| Spring scales (250 g) (alternate computer-based probeware/sensors may be used) | Push/Pull type spring scale 250g | AP7337 | | 1 | | \$ 16.64 | \$ - |
| Stop watches (alternate computer-based probeware/sensors may be used) | Flinn Stopwatch | AP1572 | | 2 | | \$ 14.50 | \$ - |
| Stroboscope (hand and/or electronic) | Stroboscope | AP5720 | | 1 | | \$ 738.40 | \$ - |
| Weight set, hooked 7 weights 10g-1Kg in plastic holding block | Hook weight set (9 weights) | QB2118 | | 1 | | \$ 156.00 | \$ - |
| Mechanics/Thermodynamics Equipment | | | | | | | |
| Ball and ring apparatus | Ball and ring apparatus | AP9031 | | | 1 | \$ 18.54 | \$ - |
| Calorimeter | Calorimeter, electric | AP5347 | | 1 | | \$ 38.75 | \$ - |
| Compound bar | Compound Bimetallic Strip | AP5650 | | 1 | | \$ 9.60 | \$ - |
| Convection box | Convection Box | AP6028 | | | 1 | \$ 86.86 | \$ - |

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|--|---|------------------------|------|--------|--|--------------|-------------|
| Convection of liquids tube | Convection of Liquids Tub | AP6053 | 1 | | | \$ 38.32 | \$ - |
| Heat transfer kit | heat transfer kit | AP4536 | 1 | | | \$ 30.38 | \$ - |
| Metals set for density and specific heat labs | Metal Density Cube Set | AP6489 | 1 | | | \$ 27.90 | \$ - |
| Waves/Optics Equipment | | | | | | | |
| Diffraction gratings and/or spectroscopes | Flinn C-Spectra 8x10 sheet | AP1714 | 2 | | | \$ 13.50 | \$ - |
| Dishes, semicircular or "D" for refraction experiments (pkg/12) | Refraction Dish, Semicircle | AP6039 | | 3 | | \$ 3.71 | \$ - |
| Laser, small pointer | Laser Pointer | AP8934 | 1 | | | \$ 27.83 | \$ - |
| Lens set (concave, convex, biconcave, biconvex, prisms) | Acrylic Lens Set | AP6708 | 1 | | | \$ 21.45 | \$ - |
| Mirrors, Convex | Mirror Convex, glass | AP5690 | 1 | | | \$ 5.86 | \$ - |
| Mirrors, flat | Acrylic Mirror 10x10 | AP4641 | 1 | | | \$ 3.71 | \$ - |
| Radiometer, Crookes | Radiometer | AP1948 | | 1 | | \$ 16.69 | \$ - |
| Resonance tube set (open-ended tubes) | Open-Ended resonance tube set | AP4616 | | 1 | | \$ 23.76 | \$ - |
| Resonance tubes (narrow plastic tubes work) | Boom Whackers | AP6985 | 1 | | | \$ 37.30 | \$ - |
| Ripple tank and accessories (motor-driven rippler bar, vertical light support, shaped wooden barrier blocks, extra glass plate, parabolic reflector, white plastic viewing screen, high power light source, 2 adjustable hand strobe discs) | Ripple Tank | AP5705 | 1 | | | \$ 460.00 | \$ - |
| Ripple tank and accessories (motor-driven rippler bar, vertical light support, shaped wooden barrier blocks, extra glass plate, parabolic reflector, white plastic viewing screen, high power light source, 2 adjustable hand strobe discs) | High Power Light Source | AP5707 | 1 | | | \$ 62.04 | \$ - |
| Rotating platform | Rotational Turntable | AP4609 | | 1 | | \$ 65.97 | \$ - |
| Spectrum tubes, assorted gases set | Air Spectrum Tube (Various Gases available) | AP1328 | | 1 | | \$ 47.19 | \$ - |
| Spectrum tube power supply | Spectrum Tube Power Supply | AP1327 | | 1 | | \$ 255.00 | \$ - |
| Strobe Light | Stroboscope, economy | AP7772 | | 1 | | \$ 28.22 | \$ - |
| Super Slinky | Super Spring and Stand | AP6565 | 2 | | | \$ 52.08 | \$ - |
| Thermometers (-20 o to 110 o C) (alternate computer-based probeware/sensors may be used) | Spirit-Filled Thermometer -20 to 110 C | AP1452 | 2 | | | \$ 7.00 | \$ - |
| Tuning fork set (8 piece set w/ variety of frequencies) (alternate computer-based probeware/sensors may be used) | Tuning forks, 8 piece | AP9242 | 1 | | | \$ 96.73 | \$ - |
| Tuning fork set, resonant | Adjustable tuning fork | AP5723 | | 1 | | \$ 27.25 | \$ - |
| Video camera | N/A | N/A | | 1 | | #N/A | \$ - |
| Electricity and Magnetism Equipment | | | | | | | |
| Animal fur and rods for electrostatics demonstrations | Animal Fur | AP9204 | | 2 | | \$ 21.93 | \$ - |
| Animal fur and rods for electrostatics demonstrations | Friction rods (Multiple options available) | AP9201 | | | | \$ 4.71 | \$ - |
| Circuit equipment (circuit board, switches, LEDs, capacitors, resistors, transistors, miniature lamps, lamp sockets, buzzers, rheostats, solenoids, batteries, battery holders, wires (black & red hook-up wire), alligator clips, insulators, potentiometers) | Snap Circuits | AP6531 | 2 | | | \$ 88.97 | \$ - |
| Compass, magnetic | Compass, Magnetic, Liquid filled | AB1127 | 1 | | | \$ 12.47 | \$ - |
| Coulomb's Law apparatus | Coulomb's Law apparatus | AP9227 | 1 | | | \$ 60.15 | \$ - |
| Electroscope | Metal Electroscope | AP5640 | | 1 | | \$ 51.95 | \$ - |
| Electrostatic lab | Investigating Electricity | AP7019 | 2 | | | \$ 162.33 | \$ - |
| Electrodes (copper and zinc) | Metal Electrode Set | AP4602 | 2 ea | | | \$ 11.00 | \$ - |
| Hand-held electric generator | Genecon Generator | AP6585 | | 1 | | \$ 79.00 | \$ - |
| Miniature compasses for B field observations | Compass, Magnetic, small | AP5285 | 4 | | | \$ 1.13 | \$ - |
| Multimeters, digital (or ammeters/voltmeters/ galvanometers) (alternate computer-based probeware/ sensors may be used) | Student Multimeter | AP4639 | 1 | | | \$ 35.00 | \$ - |
| Van de Graaff generator | Van de Graaff Generator | AP4699 | | 1 | | \$ 240.00 | \$ - |
| Wimshurst generator | Wimshurst Static Machine | AP4738 | | 1 | | \$ 192.40 | \$ - |
| Power supplies, variable output | Power Supply AC/DC | AP4418 | 1 | | | \$ 264.74 | \$ - |
| Resistors | Resistor Set | AP7940 | 2 | | | \$ 36.39 | \$ - |
| Wire and connector set Miscellaneous Equipment | Alligator Cords | AP6052 | 2 | | | \$ 11.90 | \$ - |
| Miscellaneous Equipment | | | | | | | |
| Barometer, aneroid for classroom, inches, centimeters, & millibars | Barometer, Aneroid | AP1884 | | 1 | | \$ 139.75 | \$ - |
| Clamp, right angle rod clamps, 9/16" one end 1/2" other, Cast iron 1/4" thumbscrew | Clamp, Suspension hook | AP4367 | 2 | | | \$ 16.38 | \$ - |
| Vacuum hose, ID 3/8" (pkg/10 ft) | Vacuum Hosing 10' | AP8789 | | 1 roll | | \$ 29.89 | \$ - |
| Vacuum pump plate, acrylic fits 9" diameter, hose ID 3/8" | Vacuum Plate, Polycarbonate | AP1869 | | 1 | | \$ 125.77 | \$ - |
| Vacuum pump, 85 liters/min, fits hose ID 3/8" | Pump, Vacuum, two- state | AP1597 | | 1 | | \$ 930.00 | \$ - |
| | | | | | | TOTAL | \$ - |

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