



World-Class Support for Science & Math

We recommend that you print this guide and use it as a resource when shopping at Carolina.com.

Basic Lab Equipment Needed for Any Lab (NSTA recommends 24 students/lab)				
Description	Specifications	Item #	Package qty	Qty needed for 24 students
Alconox		84-2400	1	1
Aprons		70-6245	10	3
Assorted glass rods		71-1307	12	1
Balances	Triple Beam	70-2020	1	8
Balances	Electronic	70-2012	1	2
Beaker tongs		70-2980	1	8
Beaker w/handle	1000 ml	72-1444	1	8
Beakers	50 mL	72-1113	12	2
Beakers	250 mL	72-1116	12	2
Beakers	400 mL	72-1117	12	2
Beakers	1000 mL	72-1119	6	4
Broken glass collector		64-7162	1	1
Burners	NG	70-6706	1	8
Burners	LP	70-6704	1	8
Drying rack		73-1895	1	2
Erlenmeyer flasks	125 mL	72-1149	12	2
Erlenmeyer flasks	250 mL	72-1150	12	2
Erlenmeyer flasks	500 mL	72-1151	6	2
Eye wash station		64-6787	1	2
Filter paper	9 cm	71-2801	100	1
Filter paper	24 cm	71-2806	100	1
Flexcam		59-1741	1	1
Flints		70-6632	15	2
Funnel	4"	73-4014	1	8
Funnel	6"	70-4016	1	8
Goggles	High school	64-6704A	10	3
Goggles	Middle school	64-6704B	20	2
Graduated cylinders	10 mL	72-1782	1	24
Graduated cylinders	25 mL	72-1784	1	24
Graduated cylinders	100 mL	72-1788	1	24
Graduated cylinders	500 mL	72-1792	1	3
Graduated cylinders	1000 mL	72-1794	1	3
Hand lens		60-2276	1	24
Hotplate/Stirrer		70-1026	1	2
Kevlar gloves		701642	1	2
Lab cart		70-5022	1	1
Lighter		70-6630	1	8
Meter stick w/metal ends		70-2624	1	8

Basic Lab Equipment Needed for Any Lab (continued)				
Nitrile gloves	Small	70-6335	100	1
Nitrile gloves	Medium	70-6336	100	1
Nitrile gloves	Large	70-6337	100	1
Nitrile gloves	X-large	70-6338	100	1
Petri dishes	100x15mm	74-1250	20	4
Pipets (plastic)	3 ml	73-6984	100	1
Pipets (plastic)	5 ml	73-6986	100	1
Ring stands/rings		70-7170	1	8
Rulers		70-2601	12	2
Safety Poster		57-2065	1	1
Spatulas (microspoon)		70-2700	1	12
Sterilizing goggle cabinet		64-6842	1	1
Stir bars		70-1088	1	1
Stop watch		69-6911	1	8
Stoppers	#2 assorted	71-2488	1	1
Storage bottles	Amber	71-6222	1	6
Storage bottles	Clear	71-5761	12	1
Test tube brush		70-6064	1	8
Test tube clamps		70-2900	1	12
Test tube rack		73-1968	1	8
Test tubes	15x125mm	72-1172	50	2
Test tubes	25x150mm	72-1176	50	2
Thermometers	Alcohol immersion	74-5414	1	12
Utility clamps		70-7378	1	8
Volumetric flasks	100 mL	72-1159	6	1
Volumetric flasks	500 mL	72-1162	6	1
Volumetric flasks	1000 mL	72-1163	1	3
Wash bottles	500 ml	71-6594	1	24
Weigh boats		70-2332	1	500
Wire gauze w/ceramic center		70-6902	1	8

Essential Products for Chemistry - High School

Description	Item #
ACID/BASE INDICATOR STRIPS	895511
ALCONOX (R) DETERGENT 4LB	842400
BENEDICT SOL QUAL 500 ML	847111
BROMOTHY BLUE 0.04% 500ML	849165
BUFFER PH 10 500ML	849713
BUFFER PH 4 500 ML	849653
BUFFER PH 7 500ML	849683
CAROLINA OXIDATION-REDUCTION KIT	840992
CHEMICAL FORMULAS I KIT	840993
CONDUCTIVITY OF WATER TESTER	757484
CUPRIC SULFATE,PNTHYDRT,500G	856550
DOUBLE DISP PH 1-14	894722
ENERGY CHANGES IN CHEMICAL REACTIONS KIT	840990
FLAME TEST KIT	840936
FOOD COLORING (FOUR COLORS)	898030
HYDROGEN PEROX 3%, LG 500ML	868093
INTRODUCTION TO ENZYMES KIT	841118
MAGNETIC ATOM MODEL SET	840235
MAGNETIC WATER KIT CLASS	840141
MENDELEEV PERIODIC TABLE SIMULATOR	840110
MOLYMOD (R) ATOMIC ORBITAL SET	840188
MOLYMOD (R) MOLECULAR MODEL SE	840181
OB-SCERTAINER: A BETER BLACK BOX KIT	840933
PROPERTIES OF ACIDS AND BASES EXPERIMENT KIT	840654
REFILL DISP PH 1-14	894724
SHAPES OF MOLECULES SET	840187
SINGLE DISP PH 1-14	894720
SPECTRONIC (R) 20D+	653304
STOICHIOMETRY KIT	840710
TEST STRIP,LITMUS BLUE/PK/12	895390
TEST STRIP,LITMUS RED,PK/12	895510
UNIV PH IND STRIPS 0-14	893930

Essential Products for Chemistry - Middle School

Description	Item #
QUICK REFERENCE ION CARD	840051
CHEMISTRY CLEVER CATCH BALL	840070
ELEMENT SET	840101
MAGNETIC ATOM MODEL	840235
FUN WITH CHEMISTRY SET	840441
FASCIN OSCIL REACTION KIT	840442
FAS OSC RXN CLASS KIT	840443
COLORAMA EXPERIMENT CLASS KIT	840445
CHROMA-TRICKS EXPER CLASSROOM	840447
FIZZ WIZ & JAMMIN JEL CLASS KT	840449
PATRIOTIC COLOR CLASS KIT	840451
SUPER WATER ABSORBER CLASS KIT	840453
RUBBER FLUBBER CLASS KIT	840455
COOL BLUE LIGHT INDIV KIT	840456
COOL BLUE LIGHT CLASS KIT	840457
CLOCK REACTION CLASS KIT	840459
GOOFY GLOW GEL CLASS KIT	840461
A BAKERS DOZEN OF DEMOS KIT	840464
RED CABBAGE JIFFY JUICE KIT	840466
DISCOVERING POLYMERS DEMO KIT	840475
VOLCANIC ERUPTIONS	840477
THREE LITTLE SALTS	840478
LUMINOL DEMONSTRATION KIT	840483
CHEMISTREE CLASSROOM KIT	840485
PET CHEMICAL ROCK CLASSRM KIT	840487
REACTION TYPES KIT	840493
RAINBOW OF SLIME KIT-DEMO	840799
RAINBOW OF SLIME KIT	840800
COSMIC SLIME CLASSROOM KIT	840804
ICE CREAM LAB KIT	840885
STUDY OF DENSITY KIT	840942
UNIV PH IND STRIPS 0-14	893930
SINGLE DISP PH 1-14	894720
DOUBLE DISP PH 1-14	894722
REFILL DISP PH 1-14	894724
TEST STRIP,LITMUS BLUE/PK/12	895390
TEST STRIP,LITMUS RED,P/12	895510
ACID/BASE INDICATOR STRIPS	895511

Essential Products for Physics - High School

Description	Item #
NEW YORK BALANCE SET	752100
ACRYLIC LENS SET,38MM	754900
ACRYLIC LENS SET,50MM	754901
AIR TRACK,115 V AC	751820
ALLIGATOR CLIPS, PACK OF 10	756500
BALL AND RING APPARATUS	753370
BALLISTIC PENDULUM APPARATUS	751694
BAR MAGNET,ALNICO,6X1/2X1/4	758400
BAR MAGNET,STEEL, 6X3/4X1/4	758410
BAR MAGNET,W/KEEPERS.PLAIN	758411
BAR, COMPOUND,SMALL	753380
BOTTLE ROCKET LAUNCHER-SGL	752245
BRIDGE CLASS PACK,24,BALSA	764052
BULB HOLDER,ECONONY	756485
CALIPER,MICROMETER,ECONOMY	751361
CALIPER,VERNIER,PLASTIC	702647
CALORIMETER,DOUBLE-WALL,ECO	753518
CAROLINA INTR SIMPLE MACHINES	751131
CAROLINA INTRO TO MAGNETISM	758231
CATCH BUCKET W/HANDLE	752450
CENTRIPETAL FORCE APPARATUS	752130
CERAMIC MAGNETS,PAIR,1.75X.85	758450
CLIP LEADS,14 INCH,PACK OF 10	756515
CLOUD APPARATUS	753068
COLLAPSIBLE CAN	752900
COLOR FILTERS, 4 INCH	754624
COLOR PADDLE SET	755233
COMPASS,PLA CASE,55MM	758669
COMPASS,PLAS,56X80MM,FIELD	758685
CONDUCTIVITY OF SOL APPAR	757482
CONSTANT VELOCITY VEHICLE	751484
DC AMMETER,TRIPLE,0-50MA/0-5A	757282
DC MOTOR, LOW VOLTAGE	755992
DC VOLTMETER,DOUBLE,0-5/0-15V	757264
DECADE CAPACITANCE BOX	756752
DENSITY CUBE SET	752475
DIFFRACTION GRATING,SHEET,1EA	755227
DIGITAL MULTIMETER	757462
ECONOMY MAGNET KIT	758204
ELASTICITY OF GASES APPARATUS	753100
ELECTRODES,COPPER,PK/12	757488A
ELECTRODES,ZINC,PK/12	757488C
ELECTROLYSIS APPARATUS,BROWNLE	757492
ELECTROSTATIC CHARGE KIT	751150
ELECTROSTATICS KIT	755811
EQ-INVESTIGATING ELEMENTS	751063
EQUAL MASS METAL CYLINDER SET	753489

Essential Products for Physics - High School (continued)

EQUILATERAL ACRYLIC PRISM	754929
EQUILATERAL PRISMS, 100MM	754934
EQUILATERAL PRISMS, 50MM	754932
EQUILATERAL PRISMS, 75MM	754933
FILM DIFFRACTION,PK/12	755230
FIXED VOLTAGE POWER SUPPLY	757100
FLOATING MAGNETS	758570
FRICITION BOARD	751840
FRICITION ROD,SET	755819A
FUEL CELL,MODEL CAR,HYDROGEN	759932
FUNDAMENTALS OF ELECTRONICS	755909
GEIGER COUNTER	759470
GEN EQUIP PK,USED/W 75-1065/63	751050
GENERATOR,DC HAND	758851
GENERATOR,MAGNETO	758858
GYROSCOPE,PRECISION	752181
HALL'S CAR	751479
HEAT CONDUCTOMETER	753418
HOKED MASSES	751449
INCAND LAMP,1.5V 0.3A,BX10	756488
INCAND LAMP,2.5V 0.3A,BX10	756488A
INCAND LAMP,3.8V 0.3A,BX10	756488B
INCAND LAMP,6.3V 0.5A,BX10	756488E
INCLINED PLANE,WOOD,PROTRACT	751452
INVEST MEASUREMENT KIT	751060
INVESTIGATING ELEC. KIT	751080
INVESTIGATING FORCE KIT	751055
INVESTIGATING MAGNETISM UNIT	751085
IRON FILINGS	758322
KNIFE-EDGE LEVER CLAMP	751780
LAMP BOARD,5-SOCKET	757476
LAMP RECEPTACLES,PLASTIC	756481
LASER POINTER,5MW	755433
LENS SUPPORT	754924
LIGHT BOX AND OPTICAL SET	755160
MAGNET FIELD TUBE,CLY,4X3IN	758613
MAGNET,CERAMIC,38MM,PK/2	758560
MAGNET,COW,ALNICO,CYLINDER	758536
MAGNET,HORSESHOE,3IN	758510
MAGNETIC FIELD DEMONSTRATOR	758609
MAGNETIZER,ELECTRIC,115VOLT	758396
MASS SET,SLOTTED,W/WGT HANGER	751442
MIRROR SUPPORT,PK/6	754998A
NEWTONIAN DEMONSTRATOR	751660
OPTICAL BENCH,W/O METERSTICK	755071
OPTICS KIT,ECONOMY	754617
OSCILLOSCOPE,DUAL-TRACE 20MHZZ	757244
OVERFLOW CAN	752451
PENDULUM CLAMP	751650

Essential Products for Physics - High School (continued)

PHOTOGATE TIMER	751835
PITH BALL ELECTROSCOPE	756156
PLATE GLASS MIRROR,4X4 IN	754997
PLATE GLASS MIRROR,4X6 IN	754998
POWER SUPPLY,MODEL 130	757213
POWER SUPPLY,SPECTRUM TUBE	755400
PRISM SET	754930
PULLEY, CLAMP STYLE	752023
PULLEY,SHEAVE,DOUBLE	752040
PULLEY,SHEAVE,SINGLE	752038
PULLEY,SHEAVE,TRIPLE	752042
PULLEY,TANDEM,DOUBLE	752026
PULLEY,TANDEM,TRIPLE	752027
RADIATION CAN SET	753708
RADIOACTIVE SOURCE SET,SET/3	759105
RADIOMETER, EACH	747130
RAINBOW GLASSES,PKG/6	755225
RECORDING TIMER	751375
REPLACEMENT BELT FOR 75-6214	756215
RESONANCE,TUBE SET	754308
RIGHT-ANGLED ACRYLIC PRISM SET	754928
ROTATING PLATFORM	752215
RUBBER HAMMER, MEDIUM	754276
SINGLE BATTERY HOLDER	756505
SLINKY(R)	754095
SOLAR HYDROGEN SCIENCE KIT	759930
SPECTROSCOPE,ECON QUANTITATIVE	755319
SPECTRUM ANALYSIS CHART	579760
SPECTRUM TUBE,HELIUM	755366
SPECTRUM TUBE,HYDROGEN	755368
SPECTRUM TUBE,NEON	755374
SPRING-LOADED CART SET	751492
SWITCH,KNIFE,SP/ST,SCREW TYPE	756470
TRANSFORMATION OF ENERGY APPA	758860
TUNING FORK,D.S,SET OF 8	754215
VACUUM PUMP,W/GAUGE	752811
VAN DE GRAAFF GENERATOR,400KV	756214
WIRE STRIPPER	756525

Essential Products for Physics - Middle School

Description	Item #
BAR MAGNET, W/KEEPERS	758412
BAR, COMPOUND,SMALL	753380
BULB HOLDER,ECONONY	756485
CALIPER,VERNIER,PLASTIC	702647
CLIP LEADS,14 INCH, PACK OF 10	756515
COLOR PADDLE SET	755233
COMPASS,16MM, PACK OF 12	758670
DC AMMETER,TRIPLE,0-50MA/0-5A	757282
DC VOLTMETER, TRIPLE,0-3/0-30	757268
DENSITY CUBE SET	752475
DYNAMICS CART (SET OF 2)	751491
ELECTROSTATICS KIT	755811
FRICTION BOARD	751840
GENERAL EQUIPMENT	751050
INCLINED PLANE, WOOD	751452
INVEST MEASUREMENT KIT	751060
INVESTIGATING ELEC. KIT	751080
INVESTIGATING ELEMENTS	751063
INVESTIGATING FORCE KIT	751055
INVESTIGATING HEAT	751065
INVESTIGATING MAGNETISM UNIT	751085
IRON FILINGS	758322
MIRAGE	755050
MOUSETRAP, CLASSIC KIT, 12 PK	761520
NEW YORK BALANCE SET	752100
NEWTONIAN DEMONSTRATOR	751660
PHYS SCIENCE TASK CARD SET	751035
PHYSICS CLEVER CATCH BALL	751045
PRISM SET	754930
RADIOMETER, EACH	747130
SECOND LAW OF MOTION,DEMO	751520
SINGLE BATTERY HOLDER	756505
SLINKY(R)	754095
SOLAR ELECTRICITY DEMONST	747026
SPECTROSCOPE,ECON QUANTITATIVE	755319
TUNING FORK, SET OF 8	754215
VAN DE GRAAFF GENERATOR, 400KV	756214