



Recommended Minimum Core Inventory for NGSS

High School Physics, Class of 32 Students

1 Disposable Aprons, pk/100 2003375 \$9.39 \$9.39 1 Eye Wash Station Double Bottle, 32 oz 529331 \$74.89 \$74.89 1 Fire Blanket 1488340 \$151.49	Qty. Per Classroom	Equipment / Supplies	Item Number	2021 List Price	Total
1 Disposable Aprons, pk/100 2003375 \$9.39 \$9.39 1 Eye Wash Station Double Bottle, 32 oz 529331 \$74.89 \$74.89 1 Fire Blanket 1488340 \$151.49 \$151.44 1 Fire Extinguisher 1469473 \$146.89 \$151.49 1 Fire Extinguisher 1469473 \$146.89 \$151.49 1 Fire Extinguisher 1469473 \$146.89 \$151.49 1 Fire Text Aid kit, 25 Student 1451983 \$72.19 \$72.15 32 Goggles Direct Vent Fog Free 577918 \$3.89 \$124.4 1 Goggles Sanitizer (holds 35 pairs of goggles) 1574050 \$919.99 \$919.99 **EQUIPMENT / SUPPLIES** **Mechanics / Force Equipment** 8 **Accelerometer 1477526 \$30.19 \$241.5 1 Air Track Complete 1592922 \$1,006.69 \$1,006.1 1 Air Table 1577077 \$767.49 \$767.4 1 Archimedes Principle Kit 20-1583 \$95.99 \$9.59.91 8 Balance (0.1g accuracy) 2012761 \$222.89 \$1,783. 1 Bicycle Wheel Gyroscope 1539815 \$78.09 \$78.05 8 Boyle's Law Apparatus 589953 \$20.79 \$166.3 8 Cart, halls (4 aluminum low friction wheels, total length 6") 1512359 \$17.49 \$139.94 40 C Clamps, 3" 574122 \$6.29 \$251.6 8 Collision in Two Dimension Kit (track, balls: 5-steet) 1017039 \$20.79 \$166.3 4 Drawing Compasses, pk/12 081885 \$13.99 \$55.94 8 Inclined Plane Set 30-1500 \$55.99 \$447.94 8 Mass Set (1g to 1000g), set 13 1324364 \$207.29 \$1.663. 1 Newton's Cradle "Collision Balls" 1493984 \$22.69 \$22.55 8 Meter Sticks 081901 \$22.79 \$446.40 1 Newton's Cradle "Collision Balls" 1493984 \$22.69 \$22.55 8 Pendulum Set, drilled ball set 12 1445065 \$59.99 \$47.99 16 Plumb Bobs 583011 \$8.29 16 Pulley Apparatus 532028 \$9.39 \$1502 20 Ring Stand Clamps, 3" 030-8769 \$10.19 \$20.88		SAFETY EQUIPMENT			
1 Eye Wash Station Double Bottle, 32 oz 529331 \$74.89 \$74.89 1 Fire Blanket 1488340 \$151.49 \$151.49 1 Fire Extinguisher 1469473 \$146.89 \$146.89 1 First Aid Kit, 25 Student 1451983 \$72.19 \$72.19 32 Goggles Direct Vent Fog Free 577918 \$3.89 \$1244 1 Goggles Sanitizer (holds 35 pairs of goggles) 1574050 \$919.99 \$919.99 EQUIPMENT / SUPPLIES Mechanics / Force Equipment 8 *Accelerometer 1477526 \$30.19 \$241.5 1 Air Track Complete 1592922 \$1,006.69 \$1,006.69 1 Air Tack Complete 1577077 \$767.49 \$767.4 1 Air Tack Complete <td< td=""><td>32</td><td>Aprons Vinyl, 27" x 36"</td><td>1477657</td><td>\$6.09</td><td>\$194.88</td></td<>	32	Aprons Vinyl, 27" x 36"	1477657	\$6.09	\$194.88
1 Fire Blanket 1488340 \$151.49 \$151.49 1 Fire Extinguisher 1469473 \$146.89 \$146.8 1 First Xid Kit, 25 Student 1451983 \$72.19 \$72.15 32 Goggles Direct Vent Fog Free 577918 \$3.89 \$1244 1 Goggles Sanitizer (holds 35 pairs of goggles) \$1574050 \$919.99 \$919.99 EQUIPMENT / SUPPLIES Mechanics / Force Equipment 8 *Accelerometer 1477526 \$30.19 \$241.5 1 Air Track Complete 1592922 \$1,006.69 \$1,006.69 1 Air Table 1577077 \$767.49 \$767.4 1 Archimedes Principle Kit 20-1583 \$95.99 \$95.93 8 Balance (0.1g accuracy) 2012761 \$222.89 \$1,783. 1 Bicycle Wheel Gyroscope 1539815 \$78.09 \$78.09 8 Boyle's Law Apparatus 589953 \$20.79 \$166.3 8 Cart, halls (4 aluminum low friction whe	1	Disposable Aprons, pk/100	2003375	\$9.39	\$9.39
1 Fire Extinguisher 1469473 \$146.89 \$146.89 \$146.89 \$146.89 \$146.89 \$146.89 \$146.89 \$72.19	1	Eye Wash Station Double Bottle, 32 oz	529331	\$74.89	\$74.89
1 First Aid Kit, 25 Student 1451983 \$72.19 \$72.15 32 Goggles Direct Vent Fog Free 577918 \$3.89 \$124.4 1 Goggles Sanitizer (holds 35 pairs of goggles) 1574050 \$919.99 \$919.99 EQUIPMENT / SUPPLIES Mechanics / Force Equipment 8 *Accelerometer 1477526 \$30.19 \$241.5 1 Air Track Complete 1592922 \$1,006.69 \$1,006.1 1 Air Track Complete 1577077 \$767.49	1	Fire Blanket	1488340	\$151.49	\$151.49
32 Goggles Direct Vent Fog Free 577918 \$3.89 \$124.4 1 Goggles Sanitizer (holds 35 pairs of goggles) 1574050 \$919.99 \$919.99 EQUIPMENT / SUPPLIES Mechanics / Force Equipment 8 *Accelerometer 1477526 \$30.19 \$241.5 1 Air Track Complete 1592922 \$1,006.69 \$1,006.1 1 Air Table 1577077 \$767.49 \$767.4 1 Archimedes Principle Kit 20-1583 \$95.99 \$95.99 8 Balance (0.1g accuracy) 2012761 \$222.89 \$1,783.1 1 Bicycle Wheel Gyroscope 1539815 \$78.09 \$78.09 8 Boyle's Law Apparatus 589953 \$20.79 \$166.3 8 Cart, halls (4 aluminum low friction wheels, total length 6') 1512359 \$17.49 \$139.9 40 C Clamps, 3' 574122 \$6.29 \$251.6 8 Collision in Two Dimension Kit (track, balls: 5-steel) 1017039 \$20.79 \$166.3	1	Fire Extinguisher	1469473	\$146.89	\$146.89
Bodyles Sanitizer (holds 35 pairs of goggles) 1574050 S919.99 S919.99	1	First Aid Kit, 25 Student	1451983	\$72.19	\$72.19
Section Sect	32	Goggles Direct Vent Fog Free	577918	\$3.89	\$124.48
Mechanics / Force Equipment 8 *Accelerometer 1477526 \$30.19 \$241.5 1 Air Track Complete 1592922 \$1,006.69 \$1,006.1 1 Air Table 1577077 \$767.49 \$767.4 1 Archimedes Principle Kit 20-1583 \$95.99 \$95.95 8 Balance (0.1g accuracy) 2012761 \$222.89 \$1,783.1 1 Bicycle Wheel Gyroscope 1539815 \$78.09 \$78.09 8 Boyle's Law Apparatus 589953 \$20.79 \$166.3 8 Cart, halls (4 aluminum low friction wheels, total length 6') 1512359 \$17.49 \$139.9 40 C Clamps, 3" 574122 \$6.29 \$251.6 8 Collision in Two Dimension Kit (track, balls: 5-steel) 1017039 \$20.79 \$166.3 4 Drawing Compasses, pk/12 081885 \$13.99 \$55.90 1 *Electronic Timer / Photogates 792-1100 \$376.00 \$376.00 1 *Force Table 30-1510 \$218.69 \$218.6 <td>1</td> <td>Goggles Sanitizer (holds 35 pairs of goggles)</td> <td>1574050</td> <td>\$919.99</td> <td>\$919.99</td>	1	Goggles Sanitizer (holds 35 pairs of goggles)	1574050	\$919.99	\$919.99
8 *Accelerometer 1477526 \$30.19 \$241.5 1 Air Track Complete 1592922 \$1,006.69 \$1,006.1 1 Air Table 1577077 \$767.49 \$767.4 1 Archimedes Principle Kit 20-1583 \$95.99 \$95.93 8 Balance (0.1g accuracy) 2012761 \$222.89 \$1,783.1 1 Bicycle Wheel Gyroscope 1539815 \$78.09 \$78.09 8 Boyle's Law Apparatus 589953 \$20.79 \$166.3 8 Cart, halls (4 aluminum low friction wheels, total length 6") 1512359 \$17.49 \$139.9 40 C Clamps, 3" 574122 \$6.29 \$251.6 8 Collision in Two Dimension Kit (track, balls: 5-steel) 1017039 \$20.79 \$166.3 4 Drawing Compasses, pk/12 081885 \$13.99 \$55.96 1 *Electronic Timer / Photogates 792-1100 \$376.00 \$376.00 1 *Force Table 30-1510 \$218.69 \$218.6 8 Inclined Plane Set 30-1500 \$55.99 \$44.9 <		EQUIPMENT / SUPPLIES			
1 Air Track Complete 1592922 \$1,006.69 \$1,006.1 1 Air Table 1577077 \$767.49 \$767.49 1 Archimedes Principle Kit 20-1583 \$95.99 \$95.95 8 Balance (0.1g accuracy) 2012761 \$222.89 \$1,783. 1 Bicycle Wheel Gyroscope 1539815 \$78.09 \$78.09 8 Boyle's Law Apparatus 589953 \$20.79 \$166.3 8 Cart, halls (4 aluminum low friction wheels, total length 6") 1512359 \$17.49 \$139.9 40 C Clamps, 3" 574122 \$6.29 \$251.6 8 Collision in Two Dimension Kit (track, balls: 5-steel) 1017039 \$20.79 \$166.3 4 Drawing Compasses, pk/12 081885 \$13.99 \$55.96 1 *Electronic Timer / Photogates 792-1100 \$376.00 \$376.0 1 *Force Table 30-1510 \$218.69 \$218.6 8 Inclined Plane Set 30-1500 \$55.99 \$447.9 8 Mass Set (1g to 1000g), set 13 1324364 \$207.29 \$1.658.3 <td>Mechanics / F</td> <td>orce Equipment</td> <td></td> <td></td> <td></td>	Mechanics / F	orce Equipment			
1 Air Table 1577077 \$767.49 \$767.49 1 Archimedes Principle Kit 20-1583 \$95.99 \$95.99 8 Balance (0.1g accuracy) 2012761 \$222.89 \$1.783.1 1 Bicycle Wheel Gyroscope 1539815 \$78.09 \$78.09 8 Boyle's Law Apparatus 589953 \$20.79 \$166.3 8 Cart, halls (4 aluminum low friction wheels, total length 6") 1512359 \$17.49 \$139.9 40 C Clamps, 3" 574122 \$6.29 \$251.6 8 Collision in Two Dimension Kit (track, balls: 5-steel) 1017039 \$20.79 \$166.3 4 Drawing Compasses, pk/12 081885 \$13.99 \$55.96 1 *Electronic Timer / Photogates 792-1100 \$376.00 \$376.0 1 *Force Table 30-1510 \$218.69 \$218.6 8 Inclined Plane Set 30-1500 \$55.99 \$447.9 8 Mass Set (1g to 1000g), set 13 1324364 \$207.29 \$1.658.3 16 Meter Sticks 081901 \$2.79 \$44.64	8	*Accelerometer	1477526	\$30.19	\$241.52
1 Archimedes Principle Kit 20-1583 \$95.99 \$95.99 8 Balance (0.1g accuracy) 2012761 \$222.89 \$1,783.1 1 Bicycle Wheel Gyroscope 1539815 \$78.09 \$78.09 8 Boyle's Law Apparatus 589953 \$20.79 \$166.3 8 Cart, halls (4 aluminum low friction wheels, total length 6") 1512359 \$17.49 \$139.9 40 C Clamps, 3" 574122 \$6.29 \$251.6 8 Collision in Two Dimension Kit (track, balls: 5-steel) 1017039 \$20.79 \$166.3 4 Drawing Compasses, pk/12 081885 \$13.99 \$55.96 1 *Electronic Timer / Photogates 792-1100 \$376.00 \$376.0 1 *Force Table 30-1510 \$218.69 \$218.6 8 Inclined Plane Set 30-1500 \$55.99 \$447.9 8 Mass Set (1g to 1000g), set 13 1324364 \$207.29 \$1.658.3 16 Meter Sticks 081901 \$2.79 \$44.64 8 Motion Sensor for NeuLog 1526596 \$86.79 \$694.3 <	1	Air Track Complete	1592922	\$1,006.69	\$1,006.69
8 Balance (0.1g accuracy) 2012761 \$222.89 \$1,783. 1 Bicycle Wheel Gyroscope 1539815 \$78.09 \$78.09 8 Boyle's Law Apparatus 589953 \$20.79 \$166.3 8 Cart, halls (4 aluminum low friction wheels, total length 6") 1512359 \$17.49 \$139.9 40 C Clamps, 3" 574122 \$6.29 \$251.6 8 Collision in Two Dimension Kit (track, balls: 5-steel) 1017039 \$20.79 \$166.3 4 Drawing Compasses, pk/12 081885 \$13.99 \$55.96 1 *Electronic Timer / Photogates 792-1100 \$376.00 \$376.00 1 *Force Table 30-1510 \$218.69 \$218.69 8 Inclined Plane Set 30-1500 \$55.99 \$447.9 8 Mass Set (1g to 1000g), set 13 1324364 \$207.29 \$1,658.3 16 Meter Sticks 081901 \$2.79 \$44.64 8 Motion Sensor for NeuLog 1526596 \$86.79 \$694.3 1 Newton's Cradle "Collision Balls" 1493984 \$22.69 \$22.59<	1	Air Table	1577077	\$767.49	\$767.49
1 Bicycle Wheel Gyroscope 1539815 \$78.09 \$78.09 8 Boyle's Law Apparatus 589953 \$20.79 \$166.3 8 Cart, halls (4 aluminum low friction wheels, total length 6") 1512359 \$17.49 \$139.9 40 C Clamps, 3" 574122 \$6.29 \$251.6 8 Collision in Two Dimension Kit (track, balls: 5-steel) 1017039 \$20.79 \$166.3 4 Drawing Compasses, pk/12 081885 \$13.99 \$55.96 1 *Electronic Timer / Photogates 792-1100 \$376.00 \$376.00 1 Force Table 30-1510 \$218.69 \$218.69 8 Inclined Plane Set 30-1500 \$55.99 \$447.9 8 Mass Set (1g to 1000g), set 13 1324364 \$207.29 \$1,658.3 16 Meter Sticks 081901 \$2.79 \$44.64 8 Motion Sensor for NeuLog 1526596 \$86.79 \$694.3 1 Newton's Cradle "Collision Balls" 1493984 \$22.69 \$22.55 8 Pendulum Set, drilled ball set 12 1445065 \$59.99	1	Archimedes Principle Kit	20-1583	\$95.99	\$95.99
8 Boyle's Law Apparatus 589953 \$20.79 \$166.3 8 Cart, halls (4 aluminum low friction wheels, total length 6") 1512359 \$17.49 \$139.9 40 C Clamps, 3" 574122 \$6.29 \$251.6 8 Collision in Two Dimension Kit (track, balls: 5-steel) 1017039 \$20.79 \$166.3 4 Drawing Compasses, pk/12 081885 \$13.99 \$55.96 1 *Electronic Timer / Photogates 792-1100 \$376.00 \$376.00 1 Force Table 30-1510 \$218.69 \$218.6 8 Inclined Plane Set 30-1500 \$55.99 \$447.9 8 Mass Set (1g to 1000g), set 13 1324364 \$207.29 \$1,658.3 16 Meter Sticks 081901 \$2.79 \$44.64 8 Motion Sensor for NeuLog 1526596 \$86.79 \$694.3 1 Newton's Cradle "Collision Balls" 1493984 \$22.69 \$22.59 8 Pendulum Set, drilled ball set 12 1445065 \$59.99 \$479.9 16 Plumb Bobs 583911 \$8.29 \$132.6	8	Balance (0.1g accuracy)	2012761	\$222.89	\$1,783.12
8 Cart, halls (4 aluminum low friction wheels, total length 6") 1512359 \$17.49 \$139.9 40 C Clamps, 3" 574122 \$6.29 \$251.6 8 Collision in Two Dimension Kit (track, balls: 5-steel) 1017039 \$20.79 \$166.3 4 Drawing Compasses, pk/12 081885 \$13.99 \$55.96 1 *Electronic Timer / Photogates 792-1100 \$376.00 \$376.00 1 Force Table 30-1510 \$218.69 \$218.6 8 Inclined Plane Set 30-1500 \$55.99 \$447.9 8 Mass Set (1g to 1000g), set 13 1324364 \$207.29 \$1,658.3 16 Meter Sticks 081901 \$2.79 \$44.64 8 Motion Sensor for NeuLog 1526596 \$86.79 \$694.3 1 Newton's Cradle "Collision Balls" 1493984 \$22.69 \$22.55 8 Pendulum Set, drilled ball set 12 1445065 \$59.99 \$479.9 16 Plumb Bobs 583911 \$8.29 \$132.6 4 Protractors, pk/12 084410 \$4.69 \$18.76 <td>1</td> <td>Bicycle Wheel Gyroscope</td> <td>1539815</td> <td>\$78.09</td> <td>\$78.09</td>	1	Bicycle Wheel Gyroscope	1539815	\$78.09	\$78.09
40 C Clamps, 3" 574122 \$6.29 \$251.6 8 Collision in Two Dimension Kit (track, balls: 5-steel) 1017039 \$20.79 \$166.3 4 Drawing Compasses, pk/12 081885 \$13.99 \$55.96 1 *Electronic Timer / Photogates 792-1100 \$376.00 \$376.00 1 Force Table 30-1510 \$218.69 \$218.6 8 Inclined Plane Set 30-1500 \$55.99 \$447.9 8 Mass Set (1g to 1000g), set 13 1324364 \$207.29 \$1,658.3 16 Meter Sticks 081901 \$2.79 \$44.64 8 Motion Sensor for NeuLog 1526596 \$86.79 \$694.3 1 Newton's Cradle "Collision Balls" 1493984 \$22.69 \$22.55 8 Pendulum Set, drilled ball set 12 1445065 \$59.99 \$479.9 16 Plumb Bobs 583911 \$8.29 \$132.6 4 Protractors, pk/12 084410 \$4.69 \$18.76 16 Pulley Apparatus 532028 \$9.39 \$150.2 20 Ring S	8	Boyle's Law Apparatus	589953	\$20.79	\$166.32
8 Collision in Two Dimension Kit (track, balls: 5-steel) 1017039 \$20.79 \$166.3 4 Drawing Compasses, pk/12 081885 \$13.99 \$55.96 1 *Electronic Timer / Photogates 792-1100 \$376.00 \$376.00 1 Force Table 30-1510 \$218.69 \$218.6 8 Inclined Plane Set 30-1500 \$55.99 \$447.9 8 Mass Set (1g to 1000g), set 13 1324364 \$207.29 \$1,658.3 16 Meter Sticks 081901 \$2.79 \$44.64 8 Motion Sensor for NeuLog 1526596 \$86.79 \$694.3 1 Newton's Cradle "Collision Balls" 1493984 \$22.69 \$22.59 8 Pendulum Set, drilled ball set 12 1445065 \$59.99 \$479.9 16 Plumb Bobs 583911 \$8.29 \$132.6 4 Protractors, pk/12 084410 \$4.69 \$18.76 16 Pulley Apparatus 532028 \$9.39 \$150.2 20 Ring Stand Clamps, 3" 030-8769 \$10.19 \$203.8	8	Cart, halls (4 aluminum low friction wheels, total length 6")	1512359	\$17.49	\$139.92
4 Drawing Compasses, pk/12 081885 \$13.99 \$55.96 1 *Electronic Timer / Photogates 792-1100 \$376.00 \$376.00 1 Force Table 30-1510 \$218.69 \$218.69 8 Inclined Plane Set 30-1500 \$55.99 \$447.9 8 Mass Set (1g to 1000g), set 13 1324364 \$207.29 \$1,658.3 16 Meter Sticks 081901 \$2.79 \$44.64 8 Motion Sensor for NeuLog 1526596 \$86.79 \$694.3 1 Newton's Cradle "Collision Balls" 1493984 \$22.69 \$22.59 8 Pendulum Set, drilled ball set 12 1445065 \$59.99 \$479.9 16 Plumb Bobs 583911 \$8.29 \$132.6 4 Protractors, pk/12 084410 \$4.69 \$18.76 16 Pulley Apparatus 532028 \$9.39 \$150.2 20 Ring Stand Clamps, 3" 030-8769 \$10.19 \$203.8	40	C Clamps, 3"	574122	\$6.29	\$251.60
1 *Electronic Timer / Photogates 792-1100 \$376.00 \$376.00 1 Force Table 30-1510 \$218.69 \$218.6 8 Inclined Plane Set 30-1500 \$55.99 \$447.9 8 Mass Set (1g to 1000g), set 13 1324364 \$207.29 \$1,658.3 16 Meter Sticks 081901 \$2.79 \$44.64 8 Motion Sensor for NeuLog 1526596 \$86.79 \$694.3 1 Newton's Cradle "Collision Balls" 1493984 \$22.69 \$22.59 8 Pendulum Set, drilled ball set 12 1445065 \$59.99 \$479.9 16 Plumb Bobs 583911 \$8.29 \$132.6 4 Protractors, pk/12 084410 \$4.69 \$18.76 16 Pulley Apparatus 532028 \$9.39 \$150.2 20 Ring Stand Clamps, 3" 030-8769 \$10.19 \$203.8	8	Collision in Two Dimension Kit (track, balls: 5-steel)	1017039	\$20.79	\$166.32
1 Force Table 30-1510 \$218.69 \$218.6 8 Inclined Plane Set 30-1500 \$55.99 \$447.9 8 Mass Set (1g to 1000g), set 13 1324364 \$207.29 \$1,658.3 16 Meter Sticks 081901 \$2.79 \$44.64 8 Motion Sensor for NeuLog 1526596 \$86.79 \$694.3 1 Newton's Cradle "Collision Balls" 1493984 \$22.69 \$22.59 8 Pendulum Set, drilled ball set 12 1445065 \$59.99 \$479.9 16 Plumb Bobs 583911 \$8.29 \$132.6 4 Protractors, pk/12 084410 \$4.69 \$18.76 16 Pulley Apparatus 532028 \$9.39 \$150.2 20 Ring Stand Clamps, 3" 030-8769 \$10.19 \$203.8	4	Drawing Compasses, pk/12	081885	\$13.99	\$55.96
8 Inclined Plane Set 30-1500 \$55.99 \$447.9 8 Mass Set (1g to 1000g), set 13 1324364 \$207.29 \$1,658.3 16 Meter Sticks 081901 \$2.79 \$44.64 8 Motion Sensor for NeuLog 1526596 \$86.79 \$694.3 1 Newton's Cradle "Collision Balls" 1493984 \$22.69 \$22.59 8 Pendulum Set, drilled ball set 12 1445065 \$59.99 \$479.9 16 Plumb Bobs 583911 \$8.29 \$132.6 4 Protractors, pk/12 084410 \$4.69 \$18.76 16 Pulley Apparatus 532028 \$9.39 \$150.2 20 Ring Stand Clamps, 3" 030-8769 \$10.19 \$203.8	1	*Electronic Timer / Photogates	792-1100	\$376.00	\$376.00
8 Mass Set (1g to 1000g), set 13 1324364 \$207.29 \$1,658.3 16 Meter Sticks 081901 \$2.79 \$44.64 8 Motion Sensor for NeuLog 1526596 \$86.79 \$694.3 1 Newton's Cradle "Collision Balls" 1493984 \$22.69 \$22.59 8 Pendulum Set, drilled ball set 12 1445065 \$59.99 \$479.9 16 Plumb Bobs 583911 \$8.29 \$132.6 4 Protractors, pk/12 084410 \$4.69 \$18.76 16 Pulley Apparatus 532028 \$9.39 \$150.2 20 Ring Stand Clamps, 3" 030-8769 \$10.19 \$203.8	1	Force Table	30-1510	\$218.69	\$218.69
16 Meter Sticks 081901 \$2.79 \$44.64 8 Motion Sensor for NeuLog 1526596 \$86.79 \$694.3 1 Newton's Cradle "Collision Balls" 1493984 \$22.69 \$22.59 8 Pendulum Set, drilled ball set 12 1445065 \$59.99 \$479.9 16 Plumb Bobs 583911 \$8.29 \$132.6 4 Protractors, pk/12 084410 \$4.69 \$18.76 16 Pulley Apparatus 532028 \$9.39 \$150.2 20 Ring Stand Clamps, 3" 030-8769 \$10.19 \$203.8	8	Inclined Plane Set	30-1500	\$55.99	\$447.92
8 Motion Sensor for NeuLog 1526596 \$86.79 \$694.3 1 Newton's Cradle "Collision Balls" 1493984 \$22.69 \$22.59 8 Pendulum Set, drilled ball set 12 1445065 \$59.99 \$479.9 16 Plumb Bobs 583911 \$8.29 \$132.6 4 Protractors, pk/12 084410 \$4.69 \$18.76 16 Pulley Apparatus 532028 \$9.39 \$150.2 20 Ring Stand Clamps, 3" 030-8769 \$10.19 \$203.8	8	Mass Set (1g to 1000g), set 13	1324364	\$207.29	\$1,658.32
1 Newton's Cradle "Collision Balls" 1493984 \$22.69 \$22.59 8 Pendulum Set, drilled ball set 12 1445065 \$59.99 \$479.9 16 Plumb Bobs 583911 \$8.29 \$132.6 4 Protractors, pk/12 084410 \$4.69 \$18.76 16 Pulley Apparatus 532028 \$9.39 \$150.2 20 Ring Stand Clamps, 3" 030-8769 \$10.19 \$203.8	16	Meter Sticks	081901	\$2.79	\$44.64
8 Pendulum Set, drilled ball set 12 1445065 \$59.99 \$479.9 16 Plumb Bobs 583911 \$8.29 \$132.6 4 Protractors, pk/12 084410 \$4.69 \$18.76 16 Pulley Apparatus 532028 \$9.39 \$150.2 20 Ring Stand Clamps, 3" 030-8769 \$10.19 \$203.8	8	Motion Sensor for NeuLog	1526596	\$86.79	\$694.32
16 Plumb Bobs 583911 \$8.29 \$132.6 4 Protractors, pk/12 084410 \$4.69 \$18.76 16 Pulley Apparatus 532028 \$9.39 \$150.2 20 Ring Stand Clamps, 3" 030-8769 \$10.19 \$203.8	1	Newton's Cradle "Collision Balls"	1493984	\$22.69	\$22.59
4 Protractors, pk/12 084410 \$4.69 \$18.76 16 Pulley Apparatus 532028 \$9.39 \$150.2 20 Ring Stand Clamps, 3" 030-8769 \$10.19 \$203.8	8	Pendulum Set, drilled ball set 12	1445065	\$59.99	\$479.92
16 Pulley Apparatus 532028 \$9.39 \$150.2 20 Ring Stand Clamps, 3" 030-8769 \$10.19 \$203.8	16	Plumb Bobs	583911	\$8.29	\$132.64
20 Ring Stand Clamps, 3" 030-8769 \$10.19 \$203.8	4	Protractors, pk/12	084410	\$4.69	\$18.76
	16	Pulley Apparatus	532028	\$9.39	\$150.24
20 Ring Stands, 5" x 8" 574173 \$16.59 \$331.8	20	Ring Stand Clamps, 3"	030-8769	\$10.19	\$203.80
	20	Ring Stands, 5" x 8"	574173	\$16.59	\$331.80



40 Rulers, 12 (with metric markings)	Qty. Per Classroom	Equipment / Supplies	Item Number	2021 List Price	Total
8 Spring Scales (500 g) 193-5883 \$12.79 \$102.32 8 *Spring Scales (250 g) 193-5872 \$12.79 \$102.32 8 *Stopwatch, pk/2 576952 \$6.69 \$53.59 8 Frey Scientific Portable Stroboscope 1539814 \$494.99 \$3,359.92 8 Weight set, hooked 10 weights 10g-1Kg in plastic holding block 1488752 \$114.19 \$913.52 Mechanics / Thermodynamics Equipment 1 Ball and Ring Apparatus 589530 \$15.39 \$15.39 8 Calorimeter 599082 \$17.69 \$141.52 8 Conductometer 564649 \$23.89 \$191.12 1 Convection of Liquids Tube 598890 \$17.69 \$141.52 8 Convection of Liquids Tube 598890 \$17.69 \$141.52 8 Heat Transfer kit 1387286 \$40.49 \$323.92 8 Heat Transfer kit 1387286 \$40.49 \$323.92 8 Bectroscopes, set 2 590100 \$14.99	40	Rulers, 12 (with metric markings)	089837	\$1.29	\$51.60
8 "Spring Scales (250 g) 193-5872 \$12.79 \$102.32 8 "Stopwatch, pk/2 576952 56.69 \$53.52 8 Frey Scientific Portable Stroboscope 133814 \$494.99 \$3,359.99 8 Weight set, hooked 10 weights 10g-1Kg in plastic holding block 1488752 \$114.19 \$913.52 Mechanics / Thermodynamics Equipment 1 Ball and Ring Apparatus 589530 \$15.39 \$15.39 8 Calorimeter 599082 \$17.69 \$144.52 8 Conductometer 599082 \$17.69 \$144.52 8 Conductometer 564649 \$23.89 \$1911.91 1 Convection of Liquids Tube 598890 \$17.69 \$141.52 8 Convection of Liquids Tube 598890 \$17.69 \$141.52 8 Heat Transfer kit 1387286 \$40.49 \$323.92 8 Heat Transfer kit 1387286 \$40.49 \$323.92 8 Metals Set for Density and Specific Heat Labs 599150	8	Spring Scales (1 kg)	193-5894	\$12.79	\$102.32
8 *Stopwatch, pk/2	8	Spring Scales (500 g)	193-5883	\$12.79	\$102.32
8 Frey Scientific Portable Stroboscope 1539814 \$494.99 \$3,959.92 8 Weight set, hooked 10 weights 10g-1Kg in plastic holding block 1488752 \$114.19 \$913.52 Mechanics / Thermodynamics Equipment *** 1 Ball and Ring Apparatus 589530 \$15.39 \$15.39 8 Calorimeter 599082 \$17.69 \$141.52 8 Conductometer 564649 \$23.89 \$191.12 1 Convection Box 584295 \$31.19 \$31.19 8 Convection of Liquids Tube 598890 \$17.69 \$141.52 8 Convection of Liquids Tube 598890 \$17.69 \$141.52 8 Convection of Liquids Tube 598890 \$17.69 \$141.52 8 Heat Transfer Kit 1387286 \$40.49 \$323.92 8 Metals Set for Density and Specific Heat Labs 599154 \$21.69 \$173.52 ***********************************	8	*Spring Scales (250 g)	193-5872	\$12.79	\$102.32
8 Weight set, hooked 10 weights 10g-1Kg in plastic holding block 1488752 \$114.19 \$913.52 Mechanics / Thermodynamics Equipment 3 \$15.39 \$15.39 \$15.39 1 Ball and Ring Apparatus \$99082 \$17.69 \$14.52 8 Calorimeter \$599082 \$17.69 \$141.52 8 Convection Box \$584295 \$31.19 \$311.9 8 Convection of Liquids Tube \$59890 \$17.69 \$141.52 8 Heat Transfer Kit \$1387286 \$40.49 \$323.92 8 Metals Set for Density and Specific Heat Labs \$599154 \$21.69 \$173.52 WAVES/OPTICS EQUIPMENT 8 Spectroscopes, set 2 \$590100 \$14.99 \$119.92 8 Lens, semicircular \$532033 \$9.99 \$79.92 8 Lens, semicircular \$532033 \$9.99 \$79.92 8 Lens, semicircular \$532033 \$9.99 \$79.92 8 Lens Set (concave \$573171 \$52.20	8	*Stopwatch, pk/2	576952	\$6.69	\$53.52
Ball and Ring Apparatus 589530 \$15.39 \$15.39 \$16.39 \$8 Calorimeter 599082 \$17.69 \$141.52 \$8 Conductometer 564649 \$23.89 \$191.12 \$1 Convection Box 584295 \$331.19 \$311.19 \$1.10 \$1.00 \$1.	8	Frey Scientific Portable Stroboscope	1539814	\$494.99	\$3,959.92
1 Ball and Ring Apparatus 589530 \$15.39 \$15.39 8 Calorimeter 599082 \$17.69 \$141.52 8 Conductometer 564649 \$23.89 \$191.12 1 Convection Box 584295 \$31.19 \$31.19 8 Convection of Liquids Tube 598890 \$17.69 \$141.52 8 Heat Transfer Kit 1387286 \$40.49 \$323.92 8 Metals Set for Density and Specific Heat Labs 599154 \$21.69 \$173.52 WAVES/OPTICS EQUIPMENT 8 Spectroscopes, set 2 590100 \$14.99 \$119.92 8 Lens, semicircular 532033 \$9.99 \$79.92 8 Lens, semicircular 532033 \$9.99 \$79.92 8 Lens, semicircular 99-6400 \$7.09 \$56.72 8 Lens, semicircular \$32033 \$9.99 \$79.92 8 Lens, Semicircular \$9.264 \$5.00 \$70.90 \$56.72 8<	8	Weight set, hooked 10 weights 10g-1Kg in plastic holding block	1488752	\$114.19	\$913.52
8 Calorimeter 599082 \$17.69 \$141.52 8 Conductometer 564649 \$23.89 \$191.12 1 Convection Box 584295 \$31.19 \$31.19 8 Convection of Liquids Tube 598890 \$17.69 \$141.52 8 Heat Transfer Kit 1387286 \$40.49 \$323.92 8 Metals Set for Density and Specific Heat Labs 599154 \$21.69 \$173.52 WAVES/OPTICS EQUIPMENT 8 Spectroscopes, set 2 590100 \$14.99 \$119.92 8 Lens, semicircular 532033 \$9.99 \$79.92 8 Lens, semicircular 532033 \$9.99 \$79.92 8 Lens Set (concave, convex, biconcave, biconvex, prisms) 532036 \$66.39 \$531.12 8 Mirrors, Concave \$74260 \$5.09 \$40.72 8 Mirrors, Concave \$73171 \$5.29 \$42.32 16 Mirrors, Flat 562388 \$1.39 \$22.24 1<	Mechanics / T	hermodynamics Equipment			
8 Conductometer 564649 \$23.89 \$191.12 1 Convection Box 584295 \$31.19 \$31.19 8 Convection of Liquids Tube 598890 \$17.69 \$141.52 8 Heat Transfer Kit 1387286 \$40.49 \$323.92 8 Metals Set for Density and Specific Heat Labs 599154 \$21.69 \$173.52 WAVES/OPTICS EQUIPMENT 8 Spectroscopes, set 2 590100 \$14.99 \$119.92 8 Lens, semicircular 532033 \$9.99 \$79.92 8 Lens, semicircular 552033 \$9.99 \$79.92 8 Lens, semicircular 532033 \$9.99 \$79.92 8 Lens, semicircular 532033 \$9.99 \$79.92 8 Lens, semicircular 532033 \$9.99 \$79.92 8 Lens, semicircular 552033 \$9.99 \$73.12 8 Lens, semicircular 552040 \$5.09 \$47.39 8 Lens, sec	1	Ball and Ring Apparatus	589530	\$15.39	\$15.39
1 Convection Box 584295 \$31.19 \$31.19 8 Convection of Liquids Tube 598890 \$17.69 \$141.52 8 Heat Transfer Kit 1387286 \$40.49 \$323.92 8 Metals Set for Density and Specific Heat Labs 599154 \$21.69 \$173.52 WAVES/OPTICS EQUIPMENT 8 Spectroscopes, set 2 590100 \$14.99 \$119.92 8 Lens, semicircular 532033 \$9.99 \$79.92 8 Lens, semicircular 532033 \$9.99 \$79.92 8 Lens Set (concave, convex, biconcave, biconvex, prisms) 532036 \$66.39 \$531.12 8 Mirrors, Concave 574260 \$5.09 \$40.72 8 Mirrors, Concave 573171 \$5.29 \$42.32 16 Mirrors, Flat 562388 \$1.39 \$22.24 1 Radiometer, Crookes 181-2055 \$17.89 \$17.89 1 Resonance Tube 561259 \$15.09 \$15.09	8	Calorimeter	599082	\$17.69	\$141.52
8 Convection of Liquids Tube 598890 \$17.69 \$141.52 8 Heat Transfer Kit 1387286 \$40.49 \$323.92 8 Metals Set for Density and Specific Heat Labs 599154 \$21.69 \$173.52 WAVES/OPTICS EQUIPMENT 8 Spectroscopes, set 2 590100 \$14.99 \$119.92 8 Lens, semicircular 532033 \$9.99 \$79.92 8 Lens, Semicircular 97.09 \$56.72 8 Lens Set (concave, convex, biconcave, biconvex, prisms) 532036 \$66.39 \$531.12 8 Mirrors, Concave 574260 \$5.09 \$40.72 8 Mirrors, Concave 573171 \$5.29 \$42.32 16 Mirrors, Convex 573171 \$5.29 \$42.32 1 Radiometer, Crookes 181-2055 \$17.89 \$17.89 1 Resonance Tube 561259 \$15.09 \$15.09 1 Ripple Tank and Accessories, (motor-driven rippler bar, vertical light support, shaped wooden barrier blocks, extra glass plate, parabolic	8	Conductometer	564649	\$23.89	\$191.12
8 Heat Transfer Kit 1387286 \$40.49 \$323.92 8 Metals Set for Density and Specific Heat Labs 599154 \$21.69 \$173.52 WAVES/OPTICS EQUIPMENT 8 Spectroscopes, set 2 590100 \$14.99 \$119.92 8 Lens, semicircular 532033 \$9.99 \$79.92 8 Lens, Semicircular 99-6400 \$7.09 \$56.72 8 Lens Set (concave, convex, biconcave, biconvex, prisms) 532036 \$66.39 \$531.12 8 Mirrors, Concave 574260 \$5.09 \$40.72 8 Mirrors, Concave 573171 \$5.29 \$42.32 16 Mirrors, Flat 562388 \$1.39 \$22.24 1 Radiometer, Crookes 181-2055 \$17.89 \$17.89 1 Resonance Tube 561259 \$15.09 \$15.09 1 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) 1396496	1	Convection Box	584295	\$31.19	\$31.19
8 Metals Set for Density and Specific Heat Labs 599154 \$21.69 \$173.52 WAVES/OPTICS EQUIPMENT 8 Spectroscopes, set 2 590100 \$14.99 \$119.92 8 Lens, semicircular 532033 \$9.99 \$79.92 8 Lens Set (concave, convex, biconcave, biconvex, prisms) 532036 \$66.39 \$531.12 8 Mirrors, Concave 574260 \$5.09 \$40.72 8 Mirrors, Convex 573171 \$5.29 \$42.32 16 Mirrors, Flat 562388 \$1.39 \$22.24 1 Radiometer, Crookes 181-2055 \$17.89 \$17.89 1 Resonance Tube 561259 \$15.09 \$15.09 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) 1396496 \$1,012.09 \$1,012.09 Spectrum Tubes, Assorted Gases Set 1 Air Spectrum Tube 1445001 \$47.99 \$47.99 1 Carbon Dioxide Spectrum Tube 1445000 \$47.99 \$47.99 1 Helium Spectrum Tube	8	Convection of Liquids Tube	598890	\$17.69	\$141.52
Spectroscopes, set 2 590100 \$14.99 \$119.92	8	Heat Transfer Kit	1387286	\$40.49	\$323.92
8 Spectroscopes, set 2 590100 \$14.99 \$119.92 8 Lens, semicircular 532033 \$9.99 \$79.92 8 Laser, small pointer 99-6400 \$7.09 \$56.72 8 Lens Set (concave, convex, biconcave, biconvex, prisms) 532036 \$66.39 \$531.12 8 Mirrors, Concave 574260 \$5.09 \$40.72 8 Mirrors, Concave 573171 \$5.29 \$42.32 16 Mirrors, Convex 573171 \$5.29 \$42.32 1 Radiometer, Crookes 181-2055 \$17.89 \$17.89 1 Resonance Tube 561259 \$15.09 \$15.09 1 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) 1396496 \$1,012.09 \$1,012.09 5 Pectrum Tubes, Assorted Gases Set 1445001 \$47.99 \$47.99 \$47.99 1 Air Spectrum Tube 1445000 \$47.99 \$47.99	8	Metals Set for Density and Specific Heat Labs	599154	\$21.69	\$173.52
8 Lens, semicircular 532033 \$9.99 \$79.92 8 Laser, small pointer 99-6400 \$7.09 \$56.72 8 Lens Set (concave, convex, biconcave, biconvex, prisms) 532036 \$66.39 \$531.12 8 Mirrors, Concave 574260 \$5.09 \$40.72 8 Mirrors, Convex 573171 \$5.29 \$42.32 16 Mirrors, Flat 562388 \$1.39 \$22.24 1 Radiometer, Crookes 181-2055 \$17.89 \$17.89 1 Resonance Tube 561259 \$15.09 \$15.09 1 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) 1396496 \$1,012.09 \$1,012.09 5 Pectrum Tubes, Assorted Gases Set 590262 \$51.99 \$51.99 5 Air Spectrum Tube 1445001 \$47.99 \$47.99 1 Carbon Dioxide Spectrum Tube 1445000 \$47.99 \$47.99		WAVES/OPTICS EQUIPMENT			
8 Laser, small pointer 99-6400 \$7.09 \$56.72 8 Lens Set (concave, convex, biconcave, biconvex, prisms) 532036 \$66.39 \$531.12 8 Mirrors, Concave 574260 \$5.09 \$40.72 8 Mirrors, Convex 573171 \$5.29 \$42.32 16 Mirrors, Flat 562388 \$1.39 \$22.24 1 Radiometer, Crookes 181-2055 \$17.89 \$17.89 1 Resonance Tube 561259 \$15.09 \$15.09 1 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) 1396496 \$1,012.09 \$1,012.09 5 Pectrum Tubes, Assorted Gases Set 390.62 \$51.99 \$51.99 \$51.99 5 Air Spectrum Tube 1445001 \$47.99 \$47.99 \$47.99 1 Carbon Dioxide Spectrum Tube 1445000 \$47.99 \$47.99 1 Helium Spectrum Tube 1444998 \$47.99 <td>8</td> <td>Spectroscopes, set 2</td> <td>590100</td> <td>\$14.99</td> <td>\$119.92</td>	8	Spectroscopes, set 2	590100	\$14.99	\$119.92
8 Lens Set (concave, convex, biconcave, biconvex, prisms) 532036 \$66.39 \$531.12 8 Mirrors, Concave 574260 \$5.09 \$40.72 8 Mirrors, Convex 573171 \$5.29 \$42.32 16 Mirrors, Flat 562388 \$1.39 \$22.24 1 Radiometer, Crookes 181-2055 \$17.89 \$17.89 1 Resonance Tube 561259 \$15.09 \$15.09 1 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) 1396496 \$1,012.09 \$1,012.09 5 Spectrum Tubes, Assorted Gases Set 1445001 \$47.99 \$51.99 \$51.99 5 Air Spectrum Tube 1445001 \$47.99 \$47.99 \$47.99 1 Carbon Dioxide Spectrum Tube 1444900 \$47.99 \$47.99 1 Helium Spectrum Tube 1444998 \$47.99 \$47.99 1 Neon Spectrum Tube 1444997 \$47.99 </td <td>8</td> <td>Lens, semicircular</td> <td>532033</td> <td>\$9.99</td> <td>\$79.92</td>	8	Lens, semicircular	532033	\$9.99	\$79.92
8 Mirrors, Concave 574260 \$5.09 \$40.72 8 Mirrors, Convex 573171 \$5.29 \$42.32 16 Mirrors, Flat 562388 \$1.39 \$22.24 1 Radiometer, Crookes 181-2055 \$17.89 \$17.89 1 Resonance Tube 561259 \$15.09 \$15.09 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) 1396496 \$1,012.09 \$1,012.09 5 Pocating Platform 590262 \$51.99 \$51.99 \$51.99 5 Spectrum Tubes, Assorted Gases Set 1445001 \$47.99	8	Laser, small pointer	99-6400	\$7.09	\$56.72
8 Mirrors, Convex 573171 \$5.29 \$42.32 16 Mirrors, Flat 562388 \$1.39 \$22.24 1 Radiometer, Crookes 181-2055 \$17.89 \$17.89 1 Resonance Tube 561259 \$15.09 \$15.09 1 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) 1396496 \$1,012.09 \$1,012.09 5 Rotating Platform 590262 \$51.99 \$51.99 Spectrum Tubes, Assorted Gases Set 1 Air Spectrum Tube 1445001 \$47.99 \$47.99 1 Carbon Dioxide Spectrum Tube 1445000 \$47.99 \$47.99 1 Helium Spectrum Tube 1444998 \$47.99 \$47.99 1 Neon Spectrum Tube 1444997 \$47.99 \$47.99 1 Hydrogen Spectrum Tube 1444997 \$47.99 \$47.99 1 Spectrum Tube Power Supply 1444995 \$286.69	8	Lens Set (concave, convex, biconcave, biconvex, prisms)	532036	\$66.39	\$531.12
16 Mirrors, Flat 562388 \$1.39 \$22.24 1 Radiometer, Crookes 181-2055 \$17.89 \$17.89 1 Resonance Tube 561259 \$15.09 \$15.09 1 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) 1396496 \$1,012.09 \$1,012.09 5 Pozetrum Tubes, Assorted Gases Set \$50262 \$51.99 \$51.99 1 Air Spectrum Tube 1445001 \$47.99 \$47.99 1 Carbon Dioxide Spectrum Tube 1445000 \$47.99 \$47.99 1 Helium Spectrum Tube 1444998 \$47.99 \$47.99 1 Neon Spectrum Tube 1444999 \$47.99 \$47.99 1 Hydrogen Spectrum Tube 1444997 \$47.99 \$47.99 1 Spectrum Tube Power Supply 1444995 \$286.69 \$286.69	8	Mirrors, Concave	574260	\$5.09	\$40.72
1 Radiometer, Crookes 181-2055 \$17.89 \$17.89 1 Resonance Tube 561259 \$15.09 \$15.09 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) 1396496 \$1,012.09 \$1,012.09 Spectrum Tubes, Assorted Gases Set 590262 \$51.99 \$51.99 Spectrum Tubes, Assorted Gases Set 1445001 \$47.99 \$47.99 1 Carbon Dioxide Spectrum Tube 1445000 \$47.99 \$47.99 1 Helium Spectrum Tube 1444998 \$47.99 \$47.99 1 Neon Spectrum Tube 1444999 \$47.99 \$47.99 1 Hydrogen Spectrum Tube 1444997 \$47.99 \$47.99 1 Spectrum Tube Power Supply 1444995 \$286.69 \$286.69	8	Mirrors, Convex	573171	\$5.29	\$42.32
1 Resonance Tube 561259 \$15.09 \$15.09 1 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) 1396496 \$1,012.09 \$1,012.09 1 Rotating Platform 590262 \$51.99 \$51.99 Spectrum Tubes, Assorted Gases Set 1 1445001 \$47.99 \$47.99 1 Carbon Dioxide Spectrum Tube 1445000 \$47.99 \$47.99 1 Helium Spectrum Tube 1444998 \$47.99 \$47.99 1 Neon Spectrum Tube 1444999 \$47.99 \$47.99 1 Hydrogen Spectrum Tube 1444997 \$47.99 \$47.99 1 Spectrum Tube Power Supply 1444995 \$286.69 \$286.69	16	Mirrors, Flat	562388	\$1.39	\$22.24
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) 1 Rotating Platform 590262 \$51.99 \$51.99 Spectrum Tubes, Assorted Gases Set 1 Air Spectrum Tube 1445001 \$47.99 \$47.99 1 Carbon Dioxide Spectrum Tube 1445000 \$47.99 \$47.99 1 Helium Spectrum Tube 1444998 \$47.99 \$47.99 1 Neon Spectrum Tube 1444999 \$47.99 1 Hydrogen Spectrum Tube 1444997 \$47.99 \$47.99 1 Spectrum Tube Power Supply 1444995 \$286.69 \$286.69	1	Radiometer, Crookes	181-2055	\$17.89	\$17.89
1 light support, shaped wooden barrier blocks, extra glass plate, parabolic reflector, white plastic viewing screen, high power light source, 2 adjustable hand strobe discs) 1396496 \$1,012.09 \$1,012.09 1 Rotating Platform 590262 \$51.99 \$51.99 Spectrum Tubes, Assorted Gases Set 1 Air Spectrum Tube 1445001 \$47.99 \$47.99 1 Carbon Dioxide Spectrum Tube 1445000 \$47.99 \$47.99 1 Helium Spectrum Tube 1444998 \$47.99 \$47.99 1 Neon Spectrum Tube 1444999 \$47.99 \$47.99 1 Hydrogen Spectrum Tube 1444997 \$47.99 \$47.99 1 Spectrum Tube Power Supply 1444995 \$286.69 \$286.69	1	Resonance Tube	561259	\$15.09	\$15.09
Spectrum Tubes, Assorted Gases Set 1 Air Spectrum Tube 1445001 \$47.99 \$47.99 1 Carbon Dioxide Spectrum Tube 1445000 \$47.99 \$47.99 1 Helium Spectrum Tube 1444998 \$47.99 \$47.99 1 Neon Spectrum Tube 1444999 \$47.99 \$47.99 1 Hydrogen Spectrum Tube 1444997 \$47.99 \$47.99 1 Spectrum Tube Power Supply 1444995 \$286.69 \$286.69	1	light support, shaped wooden barrier blocks, extra glass plate, parabolic reflector, white plastic viewing screen, high power	1396496	\$1,012.09	\$1,012.09
1 Air Spectrum Tube 1445001 \$47.99 \$47.99 1 Carbon Dioxide Spectrum Tube 1445000 \$47.99 \$47.99 1 Helium Spectrum Tube 1444998 \$47.99 \$47.99 1 Neon Spectrum Tube 1444999 \$47.99 \$47.99 1 Hydrogen Spectrum Tube 1444997 \$47.99 \$47.99 1 Spectrum Tube Power Supply 1444995 \$286.69 \$286.69	1	Rotating Platform	590262	\$51.99	\$51.99
1 Carbon Dioxide Spectrum Tube 1445000 \$47.99 \$47.99 1 Helium Spectrum Tube 1444998 \$47.99 \$47.99 1 Neon Spectrum Tube 1444999 \$47.99 \$47.99 1 Hydrogen Spectrum Tube 1444997 \$47.99 \$47.99 1 Spectrum Tube Power Supply 1444995 \$286.69 \$286.69	Spectrum Tub	es, Assorted Gases Set			
1 Helium Spectrum Tube 1444998 \$47.99 \$47.99 1 Neon Spectrum Tube 1444999 \$47.99 \$47.99 1 Hydrogen Spectrum Tube 1444997 \$47.99 \$47.99 1 Spectrum Tube Power Supply 1444995 \$286.69 \$286.69	1	Air Spectrum Tube	1445001	\$47.99	\$47.99
1 Neon Spectrum Tube 1444999 \$47.99 \$47.99 1 Hydrogen Spectrum Tube 1444997 \$47.99 \$47.99 1 Spectrum Tube Power Supply 1444995 \$286.69 \$286.69	1	Carbon Dioxide Spectrum Tube	1445000	\$47.99	\$47.99
1 Hydrogen Spectrum Tube 1444997 \$47.99 \$47.99 1 Spectrum Tube Power Supply 1444995 \$286.69 \$286.69	1	Helium Spectrum Tube	1444998	\$47.99	\$47.99
1 Spectrum Tube Power Supply 1444995 \$286.69 \$286.69	1	Neon Spectrum Tube	1444999	\$47.99	\$47.99
	1	Hydrogen Spectrum Tube	1444997	\$47.99	\$47.99
16 Super Slinky 580264 \$45.69 \$731.04	1	Spectrum Tube Power Supply	1444995	\$286.69	\$286.69
	16	Super Slinky	580264	\$45.69	\$731.04









Qty. Per Classroom	Equipment / Supplies	Item Number	2021 List Price	Total		
16	*Thermometers (-20° to 110°C)	1017390	\$3.69	\$59.04		
8	Tuning Fork Set (8 piece set w/variety of frequencies)	531830	\$37.39	\$299.12		
1	Tuning Fork Set, resonant	560722	\$53.29	\$53.29		
	ELECTRICITY AND MAGNETISM EQUIPM	MENT				
8	Ammeter, dual range 0-1amp and 0-5amp for student use	584733	\$21.29	\$170.32		
8	Bar Magnets Pair	568409	\$10.69	\$85.52		
16	Circuit Board	573252	\$16.59	\$265.44		
2	Basic Electronic Parts	574054	\$116.49	\$232.98		
2	Electricity Kit	574169	\$131.99	\$263.98		
1	Compass, magnetic, pk/12	030-5887	\$32.99	\$32.99		
8	Coulomb's Law Apparatus	589581	\$59.29	\$474.32		
8	Electroscope	589779	\$40.59	\$324.72		
8	Electrostatic Charge Lab	1559719	\$45.99	\$367.92		
16	Electrodes Copper	1296262	\$4.29	\$68.64		
16	Electrodes Zinc	1296305	\$4.29	\$68.64		
1	Hand-Held Electric Generator	1412715	\$16.39	\$16.39		
8	Compass, magnetic pk/4	562352	\$3.19	\$25.52		
8	Hybrid Multimeter	1370265	\$654.39	\$5,235.12		
1	Van de Graaff generator	527279	\$195.69	\$195.69		
1	Wimshurst generator	230-7182	\$228.39	\$228.39		
8	Power Supplies, variable output	531970	\$248.79	\$1,990.32		
	MISCELLANEOUS EQUIPMENT					
1	Barometer, aneroid ,inches, centimeters, & millibars	1387083	\$45.99	\$45.99		
8	Clamp, adjustable as to angle, fits rods up to 5/8", aluminum	1503170	\$15.79	\$126.32		
1	Vacuum Hose, ID 3/8" (pkg/500 ft)	1477597	\$55.09	\$55.09		
1	Vacuum Pump Plate, acrylic fits 9" diameter, hose ID 3/8"	596647	\$167.59	\$167.59		
1	Vacuum Pump, 85 liters/min, fits hose ID 3/8"	527310	\$1,106.59	\$1,106.59		
	Total			\$32,738.29		
	* ALTERNATE					
Alternate com	puter-based probeware/sensors may be used for Accelerometer					
1	NeuLog WiFi Module	N1590619	\$155.99	\$155.99		
8	NeuLog Acceleration Sensor	N1526610	\$90.19	\$721.52		
Alternate com	puter-based probeware/sensors may be used for Timer/Photogate	es				
1	NeuLog WiFi Module	1590619	\$155.99	\$155.99		
2	NeuLog Photogate Sensor	1526592	\$49.39	\$98.78		









Qty. Per Classroom	Equipment / Supplies	Item Number	2021 List Price	Total
Alternate com	puter-based probeware/sensors may be used for Spring Scales			
1	NeuLog WiFi Module	1590619	\$155.99	\$155.99
8	NeuLog Force Sensor	1526594	\$112.29	\$898.32
Alternate com	puter-based probeware/sensors may be used for Stopwatch			
1	NeuLog WiFi Module	1590619	\$155.99	\$155.99
16	NeuLog Photogate Sensor	1526592	\$49.39	\$790.24
Alternate com	puter-based probeware/sensors may be used for Thermometers			
1	NeuLog WiFi Module	1590619	\$155.99	\$155.99
8	NeuLog Temperature Sensor	1526586	\$34.09	\$272.72
Alternate com	puter-based probeware/sensors may be used for Multimeters			
1	NeuLog WiFi Module	1590619	\$155.99	\$155.99
8	NeuLog Voltage Sensor	1526584	\$42.49	\$339.92
8	NeuLog Current Sensor	1526585	\$42.49	\$339.92
	SUPPLIED BY TEACHER			
	Digital projector			·
	VGA Adapters for various digital devices			
	Video camera			

Prices valid through December 31, 2021.