

Recommended Minimum Core Inventory for NGSS

Middle School Grades Science 6-8, Class of 28 Students

Qty. Per Classroom	Equipment / Supplies	FREY Catalog #	Catalog Unit \$	Total
SAFETY EQUIPMENT				
1	Emergency Shower and Eyewash	572443	\$3,135.95	\$3,135.95
1	Rapid-Clear Personal Eyewash, Double 32 oz.	529331	\$71.99	\$71.99
1	Fire Blanket	1488340	\$149.99	\$149.99
1	Fire Extinguisher	1471240	\$153.79	\$153.79
1	Compact Flammables Cabinet, 12 gal	601016	\$960.95	\$960.95
32	Fog Free Indirect Vent Goggles	577927	\$3.89	\$124.48
1	Goggle Sanitizer Cabinet	1574050	\$911.99	\$911.99
1	Lockable Storage Cabinet	1362503	\$358.95	\$358.95
1	Chemical Storage Reference Book	Page 376-378	Free	Free
EQUIPMENT / SUPPLIES				
8	Ohaus Scout Balance, 210g x .01g	1540240	\$456.69	\$3,653.52
8	Triple Beam Balance	572096	\$155.09	\$1,240.72
16	Spring Scales (to 1,000 g)	190-7399	\$3.99	\$63.84
32	Scientific Calculators	084227	\$22.69	\$726.08
3	Pyrex Vista Borosilicate Beakers, 50 mL, pk-12	529623	\$35.09	\$105.27
3	Pyrex Vista Borosilicate Beakers, 100 mL, pk-12	529624	\$35.09	\$105.27
3	Pyrex Vista Borosilicate Beakers, 250 mL, pk-12	529626	\$37.39	\$112.17
3	Pyrex Vista Borosilicate Beakers, 600 mL, pk-6	529628	\$27.49	\$82.47
2	Pyrex Griffin Borosilicate Beakers, 1000 mL, pk-6	594045	\$68.39	\$136.78
1	Stopper Assortment, Cork, #3-16, pk-100	569480	\$28.79	\$28.79
3	Pipette/Eye Dropper, pk-12	040-1554	\$5.29	\$15.87
3	Pyrex Vista Erlenmeyer Flask, 125 mL, pk-12	529659	\$45.19	\$135.57
1	Pyrex Vista Erlenmeyer Flask, 250 mL, pk-12	529660	\$46.79	\$46.79
16	Funnels, plastic 2.75"	594303	\$2.29	\$36.64
16	Funnels, plastic 5.00"	594312	\$5.29	\$84.64
1	Polypropylene Graduated Cylinders, 10 mL, pk-24	531698	\$41.49	\$41.49
3	Polypropylene Graduated Cylinders, 50 mL, pk-12	531702	\$45.89	\$137.67
3	Polypropylene Graduated Cylinders, 100 mL, pk-12	531703	\$55.99	\$167.97
3	Polypropylene Graduated Cylinders, 1000 mL, pk-3	531708	\$40.29	\$120.87
8	Corning Scholar Hot Plate	571583	\$198.39	\$1,587.12
4	Magnifier, 2.5 diam pk/10	130-4555	\$41.29	\$165.16
8	Meter Sticks, Brass Tipped	081902	\$4.39	\$35.12
8	Mortar and Pestle, 275 mL	1488825	\$17.09	\$136.72
32	Aluminum Pie Pan	160-0301	\$0.89	\$28.48

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3	Protractor, pk-12	084410	\$7.99	\$23.97
3	Drawing Compass, pk-12	081887	\$13.99	\$41.97
6	Plastic Rulers, Pk-6	1473614	\$4.39	\$26.34
2	Test Tubes, Pyrex Vista, 16 x 150 mm, pk-50	529686	\$30.39	\$60.78
8	Test Tube Rack	593836	\$4.69	\$37.52
8	Stopwatch, pk-2	576952	\$6.69	\$53.52
32	Scissors, 8 in	084849	\$6.59	\$210.88
32	Thermometers, -20 to 150 C	1017387	\$3.49	\$111.68
8	Tongs, Beaker, Plastic-Coated Jaws, 9"	563630	\$5.89	\$47.12
3	Tongs, Test Tube, Pk-6	568490	\$7.59	\$22.77
1	Luna 2.0 Interactive Projection Camera	1534091	\$206.95	\$206.95
7	United States Shaded Relief Map	1438095	\$26.99	\$188.93
16	Topographic Modeling and Graphing Activity Model	30-1325	\$23.99	\$383.84
1	Physiographic Relief Globe	574848	\$93.59	\$93.59
1	Bathymetric Maps, 11" x 17", pad of 65	392-3170	\$16.00	\$16.00
1	Periodic Table Wall Chart	1502459	\$150.39	\$150.39
8	Investigating Plate Tectonics Classroom Project	525516	\$179.99	\$1,439.92
8	World Map	1438096	\$26.99	\$215.92
8	CPO Stream Table	N792-1450	\$139.95	\$1,119.60
8	Economy Wave Demonstrator Set	230-7008	\$25.29	\$202.32
8	Density Cues, Set of 10	1526413	\$35.39	\$283.12
8	Paper Clips, pk-100	084475	\$1.99	\$15.92
8	How Food Web is Organized Lab Indiv	20-2973	\$66.99	\$535.92
16	Frey 200 Series Compact Microscope	1396240	\$231.39	\$3,702.24
16	Frey Compact Stereo Microscope, 20X and 40X	1396244	\$308.89	\$4,942.24
5	Coverslips (plastic), pk-100	569906	\$4.59	\$22.95
1	Gram Staining Kit	1405572	\$29.39	\$29.39
5	Microscope Slides, box of 72	190-2977	\$3.69	\$18.45
5	Depression Slides, pk-12	574152	\$9.79	\$48.95
16	United Scientific Prepared Microscope Slide Set, set of 13	1501741	\$37.59	\$601.44
1	Learning How Genes Work Laminated Poster	1413693	\$26.69	\$26.69
1	Fossils, set/15	563843	\$23.99	\$23.99
8	World Globe	077-9440	\$77.29	\$618.32
1	Eras of Life Poster	529206	\$13.99	\$13.99
8	Convex Lens, 50 mm	584679	\$1.99	\$15.92
8	Concave Lens, 50 mm	99-6371	\$2.29	\$18.32
32	Small Mirrors	584580	\$2.69	\$86.08
1	Human Eye Model	30-1350	\$43.99	\$43.99



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1	Ear Model, 5-parts	1457406	\$145.89	\$145.89
1	Model, Human Mini Sexless Torso, 12 Part	1457409	\$181.99	\$181.99
1	Heart Model, 3-parts	1457424	\$67.99	\$67.99
8	Tirrill Burner, Natural Gas w/ Flame Stabilizer	585213	\$63.49	\$507.92
8	Burner Connection Tubing, 2 feet	562393	\$20.89	\$167.12
8	Rings with Clamps, 4"	574101	\$8.19	\$65.52
8	Ring Stands	574176	\$18.89	\$151.12
1	Stopper Assortment, Rubber, #00-8, Solid, 1 & 2 Hole, 2 Lb.	560896	\$19.69	\$19.69
6	Evaporating Dish, pk-6	1488812	\$35.39	\$212.34
2	Gauze, wire, ceramic base, 5" x 5", pk-6	584259	\$8.09	\$16.18
5	Paper, filter, pk-100	599004	\$8.49	\$42.45
1	Litmus Paper, blue, pk-12	569867	\$16.29	\$16.29
1	Litmus Paper, red, pk-12	569870	\$16.29	\$16.29
8	pH Paper	587052	\$18.49	\$147.92
1	Spectrum Chart	591033	\$36.69	\$36.69
3	Spectroscopes, pk-15	590298	\$57.29	\$171.87
1	Balloons (9" diameter), pk-144	200099	\$19.59	\$19.59
	Total			\$32,551.90
Supplied by teacher				
1	Television or digital projector			

