

# Recommended Minimum Core Inventory for NGSS

## High School Earth Science, Class of 32 Students

Qty. Per Classroom	Equipment / Supplies	FREY Catalog #	Catalog Unit \$	Total
<b>SAFETY EQUIPMENT</b>				
32	Vinyl Apron	1477657	\$5.69	\$182.08
1	Eye Wash Station Double Bottle, 32 oz	529331	\$71.99	\$71.99
1	Fire Blanket	1488340	\$149.99	\$149.99
1	Fire Extinguisher	1469473	\$142.69	\$142.69
1	First Aid Kit, 25 Student	1451983	\$70.09	\$70.09
32	Goggles Direct Vent Fog Free	577918	\$3.89	\$124.48
1	Goggles Sanitizer (holds 35 pairs of goggles)	1574050	\$911.99	\$911.99
<b>EQUIPMENT / SUPPLIES</b>				
<b>Environmental Equipment</b>				
1	Weather and Climate Laminated Poster	35-1151	\$19.99	\$19.99
1	Ohaus Balance, 220g x 0.01	1540240	\$456.69	\$456.69
16	Compass	568421	\$3.39	\$54.24
1	Conductivity Tester	530794	\$33.99	\$33.99
10	Earth Globes	077-9440	\$77.29	\$772.90
2	Graduated Cylinder, 100 ml	531715	\$65.99	\$131.98
1	Polypropylene Graduated Cylinder, 500 ml	525903	\$20.89	\$20.89
8	Hand Lens, 2.5 inch	130-2707	\$5.19	\$41.52
8	Meter Stick	081902	\$4.39	\$35.12
8	PH Paper	584376	\$2.09	\$16.72
16	Tape Measure, wind up	530552	\$11.39	\$182.24
8	Thermometer Total Immersion, -20° to 150°C	1017435	\$6.79	\$54.32
8	Fieldmaster Turbidity Tube	531557	\$57.99	\$463.92
4	Water Test Strips, Ammonia	1337037	\$21.79	\$87.16
4	Water Test Strips, Chlorine	60-5144	\$21.09	\$84.36
4	Water Test Strips, Phosphate	60-5150	\$24.29	\$97.16
4	Water Test Strips, Water hardness	60-5142	\$21.09	\$84.36
4	Water Test Strips, alkalinity	60-5152	\$21.99	\$87.96
4	Water Test Strips, Nitrates	60-5148	\$21.09	\$84.36
<b>Geology / Geography Equipment</b>				
1	World Relief Map	1573768	\$239.99	\$239.99
1	Topographic Relief Maps	574839	\$294.39	\$294.39
1	US Shaded Relief map	1438095	\$26.99	\$26.99
1	Life on Earth – A Fossil History Model	111-2681	\$60.89	\$60.89
1	Earth Cross Section Foam Model	077013	\$21.69	\$21.69

Qty. Per Classroom	Equipment / Supplies	FREY Catalog #	Catalog Unit \$	Total
1	Tectonics Demonstration Model	30-1105	\$138.99	\$138.99
4	Premium Fossil Collection	077020	\$135.09	\$540.36
1	Ampere's Rule Apparatus	1526410	\$34.89	\$34.89
4	University Microscope-Binocular	1569043	\$884.89	\$3,539.56
8	Modeling Clay, Asst'd	2003084	\$3.59	\$28.72
1	Periodic Table of Elements	1502459	\$150.39	\$150.39
1	Plate Tectonics Learning Module	1531274	\$119.99	\$119.99
1	NeoSci Seafloor Spreading Kit	1405559	\$146.39	\$146.39
1	Seismograph Model	2010738	\$114.99	\$114.99
1	Steel Screen Sieves	1017025	\$199.99	\$199.99
1	Gravel, 1000g	584205	\$4.49	\$4.49
1	Sandy Soil, 5 lbs.	190-3461	\$5.49	\$5.49
4	LaMotte Complete Soil Test Kit	586305	\$83.29	\$333.16
4	Stream Tables	792-1450	\$144.00	\$576.00
1	Digital Thermometer	1015634	\$25.99	\$25.99
1	Thermometer	1006124	\$15.69	\$15.69
<b>Space Science Equipment</b>				
1	Telescope	1625840	\$72.69	\$72.69
1	Constellation Globe	2011741	\$128.29	\$128.29
2	Spectrometer, pack of 15	590298	\$57.29	\$114.58
1	Single Power Supply	1444995	\$284.09	\$284.09
1	Hydrogen Spectrum Tube	1444997	\$46.99	\$46.99
1	Helium Spectrum Tube	1444998	\$46.99	\$46.99
1	Neon Spectrum Tube	1444999	\$46.99	\$46.99
1	Carbon Dioxide Spectrum Tube	1445000	\$46.99	\$46.99
1	Air Tube	1445001	\$46.99	\$46.99
1	Water Vapor Tube	1445002	\$46.99	\$46.99
1	Argon Tube	1445003	\$46.99	\$46.99
1	Nitrogen Tube	1445004	\$46.99	\$46.99
1	Moon Model	1365147	\$47.99	\$47.99
1	Orbiter Planetarium (sun/earth/moon orbit)	527426	\$626.69	\$626.69
1	Solar System	1463605	\$38.39	\$38.39
1	Planet Orbit (planetarium) Model	130-2663	\$102.39	\$102.39
	<b>Total</b>			<b>\$12,557.70</b>

