

Recommended Minimum Core Inventory for NGSS

High School Earth Science, Class of 32 Students

Qty. Per Classroom	Equipment / Supplies	Item Number	2021 List Price	Total
SAFETY EQUIPMENT				
32	Vinyl Apron	1477657	\$6.09	\$194.88
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	\$124.48
1	Goggles Sanitizer (holds 35 pairs of goggles)	1574050	\$919.99	\$919.99
EQUIPMENT / SUPPLIES				
Environmental Equipment				
1	Weather and Climate Laminated Poster	35-1151	\$19.99	\$19.99
1	Ohaus Balance, 220g x 0.01	1540240	\$479.99	\$479.99
16	Compass	568421	\$3.69	\$59.04
1	Conductivity Tester	530794	\$34.69	\$34.69
10	Earth Globes	077-9440	\$81.29	\$812.90
2	Graduated Cylinder, 100 ml	531715	\$70.69	\$141.38
1	Polypropylene Graduated Cylinder, 500 ml	525903	\$22.19	\$22.19
8	Hand Lens, 2.5 inch	130-2707	\$5.59	\$44.72
8	Meter Stick	081902	\$4.29	\$34.32
8	PH Paper	584376	\$2.39	\$19.12
16	Tape Measure, wind up	530552	\$11.79	\$188.64
8	Thermometer Total Immersion, -20° to 150°C	1017387	\$3.69	\$29.52
8	Fieldmaster Turbidity Tube	531557	\$60.29	\$482.32
4	Water Test Strips, Ammonia	1337037	\$23.39	\$93.56
4	Water Test Strips, Chlorine	60-5144	\$21.89	\$87.56
4	Water Test Strips, Phosphate	60-5150	\$26.29	\$105.16
4	Water Test Strips, Water hardness	60-5142	\$21.89	\$87.56
4	Water Test Strips, alkalinity	60-5152	\$24.79	\$99.16
4	Water Test Strips, Nitrates	60-5148	\$21.89	\$87.56
Geology / Geography Equipment				
1	World Relief Map	1573768	\$247.99	\$247.99
1	US Shaded Relief map	1438095	\$27.99	\$27.99
1	Life on Earth – A Fossil History Model	111-2681	\$63.39	\$63.39
1	Earth Cross Section Foam Model	077013	\$23.39	\$23.39
1	Tectonics Demonstration Model	30-1105	\$138.99	\$138.99

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4	Premium Fossil Collection	077020	\$143.29	\$573.16
1	Ampere's Rule Apparatus	1526410	\$37.69	\$37.69
4	University Microscope-Binocular	1569043	\$939.59	\$3,758.36
8	Modeling Clay, Asst'd	2003084	\$3.69	\$29.52
1	Periodic Table of Elements	1502459	\$157.79	\$157.79
1	Plate Tectonics Learning Module	1531274	\$124.79	\$124.79
1	NeoSci Seafloor Spreading Kit	1405559	\$150.79	\$150.79
1	Seismograph Model	2010738	\$119.59	\$119.59
1	Steel Screen Sieves	1017025	\$207.99	\$207.99
1	Gravel, 1000g	584205	\$4.49	\$4.49
1	Sandy Soil, 5 lbs.	190-3461	\$7.49	\$7.49
4	LaMotte Complete Soil Test Kit	586305	\$86.69	\$346.76
4	Stream Tables	792-1450	\$144.00	\$576.00
1	Digital Thermometer	1015634	\$56.19	\$56.19
1	Thermometer	1006124	\$16.29	\$16.29
Space Science Equipment				
1	Telescope	1625840	\$75.59	\$75.59
1	Constellation Globe	2011741	\$133.39	\$133.39
2	Spectrometer, pk/15	590298	\$59.59	\$119.18
1	Single Power Supply	1444995	\$286.69	\$286.69
1	Hydrogen Spectrum Tube	1444997	\$47.99	\$47.99
1	Helium Spectrum Tube	1444998	\$47.99	\$47.99
1	Neon Spectrum Tube	1444999	\$47.99	\$47.99
1	Carbon Dioxide Spectrum Tube	1445000	\$47.99	\$47.99
1	Air Tube	1445001	\$47.99	\$47.99
1	Water Vapor Tube	1445002	\$47.99	\$47.99
1	Argon Tube	1445003	\$47.99	\$47.99
1	Nitrogen Tube	1445004	\$47.99	\$47.99
1	Moon Model	1365147	\$49.89	\$49.89
1	Orbiter Planetarium (sun/earth/moon orbit)	527426	\$651.69	\$651.69
	Total			\$12,983.49

