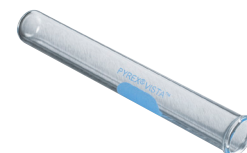
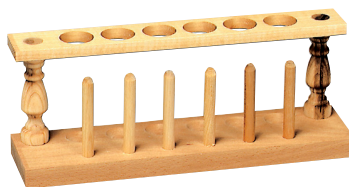


Recommended Minimum Core Inventory for NGSS

High School Biology, Class of 32 Students

Qty. Per Classroom	Equipment / Supplies	FREY Catalog #	Catalog Unit \$	Total
SAFETY EQUIPMENT				
1	Corrosive Storage Cabinet	528446	\$1,009.95	\$1,009.95
1	Polyethylene Disposable Lab Apron, pk/100	2003375	\$9.29	\$9.29
1	Acid Spill Kit	1491078	\$146.29	\$146.29
1	Gravit-Eye Portable Eye Wash Station, 16 gallon	1320143	\$333.39	\$333.39
1	Fire Blanket w/ Hanging Pouch, 6' L x 5' W	1488340	\$149.99	\$149.99
1	Dry Chemical Fire Extinguisher	1471240	\$153.79	\$153.79
1	First Aid Station for 25 people	1451983	\$70.09	\$70.09
1	Flammables Storage Cabinet, 23-1/4" x 35" x 12 gallon, yellow	601016	\$960.95	\$960.95
1	Goggle Sanitizer Cabinet	1574050	\$911.99	\$911.99
32	Indirect Vent Safety Goggles	577927	\$3.89	\$124.48
EQUIPMENT / SUPPLIES				
1	Autoclave - 8 L capacity	N1475383	\$711.59	\$711.59
8	Balance Scout Backlit LCD, 220G x 0.01	1540240	\$456.69	\$3,653.52
16	Beaker Tongs, 9-1/2"	563630	\$5.89	\$94.24
2	Beakers, 50 ml, Pyrex Griffin Low Form Borosilicate, pk/12	529623	\$35.09	\$70.18
2	Beakers, 100 ml, Pyrex Griffin Low Form Borosilicate, pk/12	529624	\$35.09	\$70.18
2	Beakers, 250 ml, Pyrex Griffin Low Form Borosilicate, pk/12	529626	\$37.39	\$74.78
2	Beakers, 400 ml, Pyrex Griffin Low Form Borosilicate, pk/6	529627	\$43.99	\$87.98
1	Beakers, 1000 ml, Pyrex Griffin Low Form Borosilicate, pk/6	594045	\$68.39	\$68.39
1	Blender	401114	\$50.69	\$50.69
1	PowerSpin Centrifuge - Variable Speed	529574	\$657.29	\$657.29
8	Compact Fixed Magnification Stereo Microscope – Inclined Head – 30x Magnification – Top/Bottom Illumination	578645	\$239.99	\$1,919.92
16	Dissection Kit	1292837	\$29.19	\$467.04
2	Dropping bottles, plastic, 30mL, pk/48	594393	\$64.19	\$128.38
9	Droppers, pk/12	569723	\$3.39	\$30.51
3	Erlenmeyer flasks, 250 mL, pk/6	529660	\$46.79	\$140.37
1	Erlenmeyer flasks, 1000 mL, pk/6	529662	\$55.99	\$55.99
1	A Study of Fermentation Lab Investigation	20-1343	\$65.29	\$65.29
16	Forceps	595230	\$2.09	\$33.44
2	Funnels, small, long-stem Poly pk/12	568322	\$10.09	\$20.18
8	Gel Electrophoresis Chamber	1267918	\$145.69	\$1,165.52
2	Glove, Heat Proof	589733	\$36.49	\$72.98
2	Graduated Cylinder - 10 mL pk/12	531710	\$65.99	\$131.98

Qty. Per Classroom	Equipment / Supplies	FREY Catalog #	Catalog Unit \$	Total
2	Graduated Cylinder - 100 mL, pk/12	531715	\$65.99	\$131.98
1	Graduated Cylinder - 1000 mL	593664	\$81.29	\$81.29
8	Hot Plates and/or Bunsen Burners	571583	\$198.39	\$1,587.12
1	Incubator	525522	\$856.99	\$856.99
1	Magnetic Stirrers	2027696	\$342.69	\$342.69
16	Meter Sticks	081901	\$3.19	\$51.04
16	Metric Rulers	089837	\$1.59	\$25.44
16	Swift Microscopes (compound)	2026759	\$478.99	\$7,663.84
20	Onion Root Tip Slides	566789	\$13.69	\$273.80
1	Periodic Table	1492118	\$21.49	\$21.49
2	Petri Dishes (100mm x 15mm) pk/24	531721	\$115.49	\$230.98
1	Refrigerator	1508952	\$413.29	\$413.29
16	Ring Stands with Rings	574239	\$25.59	\$409.44
1	Rubber Stoppers, 2 hole lb	1300567	\$8.19	\$8.19
16	Scissors	086341	\$4.09	\$65.44
2	Stirring Rods, pk/12	525525	\$3.19	\$6.38
8	Stopwatches, pk/2	576952	\$6.69	\$53.52
1	Test Tube Brushes, pk/12	560098	\$8.69	\$8.69
2	Test Tube Holders, pk/10	579242	\$12.29	\$24.58
16	Test Tube Racks	568346	\$12.79	\$204.64
4	Test Tubes (16mm x 150mm), pk/50	529686	\$30.39	\$121.56
16	Thermometers (alcohol, -10 – 100°C)	1017386	\$3.49	\$55.84
4	Vinyl or Latex-Free Gloves	2003356	\$5.19	\$20.76
1	Washing Bottles, plastic, pk/12	560188	\$13.49	\$13.49
1	Water Bath, 2.5 liter	1322550	\$439.99	\$439.99
CONSUMABLES				
1	Agar Powder	577683	\$124.39	\$124.39
2	Alcohol, 95% isopropyl 500mL	H580818	\$9.69	\$19.38
4	Amylase, powder, 25g	1016721	\$10.79	\$43.16
3	Benedict's Solution, 500 mL	567971	\$8.69	\$26.07
1	Chromatography Paper	1603560	\$5.19	\$5.19
1	Congo Red, 10 gm	1495538	\$13.59	\$13.59
1	Dialysis tubing, 50ft	1385197	\$36.19	\$36.19
3	Filter paper, discs (7 cm diameter)	599004	\$8.49	\$25.47
1	Glucose Syrup, 16oz	562582	\$10.59	\$10.59
4	Lipase, 25g	1515175	\$19.79	\$79.16
1	Litmus Paper (neutral), pk/12, vials/100 strips	569873	\$16.29	\$16.29
5	Microscope Cover Slips	594762	\$6.99	\$34.95



Qty. Per Classroom	Equipment / Supplies	FREY Catalog #	Catalog Unit \$	Total
4	Microscope Slides, pk/72	190-2977	\$3.69	\$14.76
1	Pepsin, 100g	579585	\$39.09	\$39.09
8	pH Paper, (0-14)	1449782	\$18.49	\$147.92
3	Phenolphthalein Solution, (500 mL bottle)	579624	\$9.79	\$29.37
3	Potassium Iodide Solution, (500 mL bottle)	579027	\$26.79	\$80.37
1	PTC Paper pk/12, vials/100 strips	569885	\$19.99	\$19.99
1	Sodium Benzoate Paper, pk/12, vials/100 strips	589119	\$19.99	\$19.99
1	Sodium Bicarbonate, 500 gm	568088	\$6.79	\$6.79
1	Starch, corn, 500g	580359	\$9.89	\$9.89
1	Sucrose Cubes, 1lb	577132	\$12.09	\$12.09
1	Thiourea Paper Strips, pk/12 vials/100 strips	589122	\$19.99	\$19.99
	Total			\$27,587.80
Supplied by teacher				
1	Television or digital projector			
1	VGA Adapters for various digital devices			

