

Science Equipment Choices to Purchase

Item	Quantity	Brand (if preferred)	Item Number	Specifications	Frey	Parco	Pasco	VWR	Fisher
Digital Scales	60			Degree of precision: at least +/- 0.01g Capacity: minimum 200g		\$ 12,960.00			
Acrylic Buret	120			50 mL				\$ 1,056.00	
Burners, Natural Gas	120			Tirrill; Sturdy base to prevent tipping	\$ 1,866.00				
Digital Hotplate w/stirrer	45			Temperature Range: 25-550 C	\$ 11,639.70				
Digital Hotplate	45			Temperature Range: 25-550 C	\$ 7,729.20				
Crucible w/lid	120			Stainless Steel 20 mL or 25mm high x 35mm wide	\$ 655.20				
Science Link Electric Circuits Full Classroom Package	3	CPO	292-4015		\$ 2,834.85				
Science Link Electric Motor Basic Classroom Package	3	CPO	292-4014		\$ 4,769.85				
Steel Marbles, pack of 5	18	CPO	392-3020					\$ 54.00	
Science Link Simple Machines Basic Classroom Package	3	CPO	1515968		\$ 4,904.85				
Science Link Marble Launcher Basic Classroom Package	3	CPO	292-4013		\$ 2,549.85				
Mass & Hanger Set	36	Pasco	ME-8979						
Measuring Tape	30			25ft; Retractable; dual ruled (metric and english)	\$ 418.50				
Science Pendulum Equipment Module	18	CPO	792-1140		\$ 845.10				
Physics Stand	30	CPO	792-110		\$ 2,998.50				
Science Link Roller Coaster Full Classroom Package	3	CPO	1515981		\$ 10,619.85				
Slinky	36	Pasco	SE-8760	Length 5 ft.			\$ 601.20		
Snakey	36	Pasco	SE-7331	unstretched length of 2m. Stretched length of 10m			\$ 759.24		
Stopwatches	36	Pasco	ME-1234	Precision: 0.01s			\$ 1,064.88		
CPO Timer IIe and Photogates	12	CPO	792-1100		\$ 4,379.40				
Van De Graff Generator	3	Winsco	1466506		\$ 1,289.70				
Science Link Wave Models Full Classroom Package	3	CPO	1515980		\$ 15,659.85				
Straight Marble Track Equipment Module	30	CPO	792-1380		\$ 2,698.50				
Multi-Purpose Cart	48		R-5917J55	Motor mount & Water Clock included				\$ 1,036.32	

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				Each kit/classroom setup should allow running 8 gels (assuming horizontal, but vertical would be acceptable) with adequate power source (AC - NOT battery-operated). Power source should be adequate to run a gel in under an hour. Each gel chamber should have a mold with a comb for pouring gels. Ideally, it would be great to get a set that comes with variable micropipetters (up to 25 microliters). Gel should hold a minimum of 5 wells.					
DNA gel electrophoresis lab set	6								\$ 20,201.88
Water Pollution Kit	3	Carolina	652582					\$ 897.87	
Item	Quantity	Brand (if preferred)	Item Number	Specifications	Frey	Parco	Pasco	VWR	Fisher
Rapitest Soil Test Kit	3	Carolina	665404		\$ 26.16				
Air Pollution and Vehicle Emissions 8 Station Kit	3	Carolina	181083					\$ 308.31	
Swift Compound Microscope	30			2X/10x/40x LED				\$ 8,409.90	
Swift Stereo/Dissecting Microscope	12			2x and 4x	\$ 2,887.44				
Science Data Collector and Photogates v2.1	18	CPO	792-1670		\$ 8,999.10				
Goggles								\$ 1,963.50	
					\$ 87,771.60	\$ 12,960.00	\$ 2,425.32	\$ 13,725.90	\$ 20,201.88
				Total Science:	\$ 137,084.70				
					Frey				
				Calculators	\$ 78,057.00				
				Science and Calculators:	\$ 215,141.70				