

**Flinn Scientific 2017 Purchase Guide
CSTA NGSS Equipment List
High School Earth Science**

CSTA Description	Flinn Item Description	Flinn Catalog #	CSTA Recommended Quantity per Lab Group	CSTA Recommended Quantity per classroom	Desired Quantity (Enter numerical value)	Flinn Price	Total
Safety Equipment							
Aprons	Apron, Rubberized, Medium Duty	AP7126		classroom set		\$ 12.95	\$ -
Eye wash station	Eyewash, economy (multiple options available)	SE2514		1		\$ 267.00	\$ -
Fire blanket	Fire Blanket w/ Case	SE3006		1		\$ 117.65	\$ -
Fire extinguisher	Fire Extinguisher, Dry Chemical ABD 10 lb	SE3001		1		\$ 119.60	\$ -
First aid kit	First Aid Kit for 25 People	SE240		1		\$ 50.55	\$ -
Goggles	Flinn Visor Gogs	AP1362	1/student			\$ 8.35	\$ -
Goggles sanitizer (holds 36 pairs of goggles)	Goggle Sanitizer	SE1000		1		\$ 577.45	\$ -
Computer Assisted Learning							
Television or digital projector	N/A	N/A		1		N/A	
VGA Adapters for various digital devices	N/A	N/A		1		N/A	
Computers	N/A	N/A	1			N/A	
Equipment/Supplies							
Environmental Equipment							
Atmosphere chart	N/A	N/A		1		N/A	
Balance	Flinn Triple Beam Balance	OB2098	1			\$ 115.00	\$ -
Camera	N/A	N/A		1		N/A	
Compass	Compass, Magnetic, Liquid filled	AB1127	2			\$ 11.25	\$ -
Conductivity tester	Conductivity Testor	AP5355	1			\$ 46.15	\$ -
Earth globes	The Pioneer Globe	AP5143		10		\$ 76.70	\$ -
Flora and fauna guide	N/A	N/A	1			N/A	
GPS receiver	GPS - eTrex 10	AP7562		1		\$ 188.65	\$ -
Graduated cylinder, 100 ml	Graduated Cylinder Poly 100mL	AP2297	2			\$ 10.95	\$ -
Graduated cylinder, 500 ml, clear plastic	Graduated Cylinder Poly 500mL	AP2299	1			\$ 20.25	\$ -
Hand lens	Lens Set	AP6708	1			\$ 18.60	\$ -
Meter stick	Meter Stick English/Metric	AP8294	1			\$ 3.95	\$ -
Ozone test kit	Ozone Test Kit	FB1619		1		\$ 31.20	\$ -
ph paper (0-14)	Hydrion Ultrafast pH test Paper (0-14)	AP5411	1 vial			\$ 12.65	\$ -
Tape measure, 50 m	Tape Measure wind up 30 m	AP6323	2			\$ 21.55	\$ -
Thermometers, calibration	N/A	N/A	1			N/A	

**Flinn Scientific 2017 Purchase Guide
CSTA NGSS Equipment List
High School Earth Science**

Total dissolved solids (conductivity) tester	Conductivity Testor	AP5355		4		\$ 46.15	\$ -
Turbidity tube	Turbidity Test Kit	AP5036	2			\$ 78.00	\$ -
Water testing kit: alkalinity	Alkalinity Test Kit	AP5008		4		\$ 40.25	\$ -
Water testing kit: dissolved oxygen	Dissolved Oxygen Test Dissolved	AP7533		4		\$ 58.15	\$ -
Water testing kit: nitrate	Nitrate - Nitrogen Test Kit	AP5024		4		\$ 64.10	\$ -
Water testing kit: salinity	Salinity Test Kit	FB0569		4		\$ 72.85	\$ -
Water testing kit: transparency	N/A	N/A		4		N/A	
Geology/Geography Equipment							
Carbon cycle poster	N/A	N/A	1			N/A	
Color maps of Topography/Bathymetry, Seafloor age, Volcano locations, and Earthquake epicenters color coded by depth	Ocean floor topography	AP5226	1			\$ 45.00	\$ -
Contour map set (ocean floor, topographic)	Ocean floor topography	AP5226	1			\$ 45.00	\$ -
Earth history model	Earth History Model	AP5125		1		\$ 135.00	\$ -
Earth's interior globe model	Physiographic Relief	AP5147		1		\$ 82.00	\$ -
Fault block model set	Modeling Faults - Activity Kit	AP7255	1			\$ 26.45	\$ -
Fault map set (local and state)	N/A	N/A		1		N/A	
Fossil set	Stratigraphic Fossil Collection	AP6405	1			\$ 103.70	\$ -
GPS navigation system	GPS - eTrex 10	AP7562		1		\$ 188.65	\$ -
Hydrologic map of California	N/A	N/A		1		N/A	
Kilowatt meter for tracking energy consumption	Kill-A-Watt Meter	AP7464		1		\$ 33.75	\$ -
Lava lamp (illustrates convection)	N/A	N/A	1			N/A	
Magnetic field demonstrator	Magnetic Field Demonstrator	AP4748		1		\$ 31.90	\$ -
Maps, USGS, assorted set	N/A	N/A		1		N/A	
Microscope, dissecting	Flinn Stereoscope 1x and 3x LED	MS1160	1			\$ 361.00	\$ -
Models of water molecules (with magnets)	N/A	N/A				N/A	
Modeling clay	Clay, Modeling, Assorted 5lbs	FB0600		1 kg		\$ 20.50	\$ -
Periodic Table of the Elements Chart	Flinn "The Elements" Periodic Table	AP7156		1		\$ 33.55	\$ -
Plate tectonic chart	N/A	N/A		1		N/A	
Renewable/non-renewable resources chart	N/A	N/A		1		N/A	
Seafloor spreading model	Seafloor Spreading Lab	AP7171		1		\$ 66.50	\$ -
Seismograph model	Seismograph model	AP5122		1		\$ 37.10	\$ -

**Flinn Scientific 2017 Purchase Guide
CSTA NGSS Equipment List
High School Earth Science**

Soil, sand and containers	Soil Container 4oz	AB1128		1		\$ 1.99	\$ -
Soil test kit (pH, nitrogen, phosphorus, and potassium, color comparator system)	Soil Analysis Kit	AB1143	1			\$ 468.45	\$ -
Stream tables (w/ sand)	Stream Table	AP7684	1			\$ 519.95	\$ -
Thermometer: Digital stick thermometers	Flinn Digital Pocket Thermometer	AP6049		1		\$ 26.30	\$ -
Thermometer: Non-contact thermometers	IR thermometer	AP7622		1		\$ 75.85	\$ -
United States raised relief map	United State Relief Map	AP5160		1		\$ 71.00	\$ -
Space Science Equipment							
Anatomy of the universe chart	Anatomy of the universe chart	AP5295		1		\$ 20.55	\$ -
Telescope	Reflector Telescope, Bushnell	AP6545		1		\$ 546.25	\$ -
Constellation globe	Constellation Globe	AP5138		1		\$ 89.75	\$ -
Diffraction gratings or spectrometer	Flinn C-Spectra 8x10 Sheet	AP1714	1/student			\$ 21.70	\$ -
Digital spectrometer probeware	Rspec Explorer	AP7840	1/group			\$ 409.95	\$ -
Spectrum Tubes for various elements (with power supply)	Spectrum tube power supply	AP1327		1		\$ 214.00	\$ -
Spectrum tubes for various elements (with power supply)	Air Spectrum tube (multiple Options available)	AP1328		1		\$ 41.00	\$ -
Milky Way Galaxy model	Milky Way Galaxy model	AP5132		1		\$ 221.45	\$ -
Moon chart	Moon Chart	AP7685		1		\$ 23.25	\$ -
Orbiter planetarium (sun/earth/moon orbit)	The Orbiter Planetarium, manual	AP5134		1		\$ 194.10	\$ -
Polystyrene balls, assorted sizes	Pith balls	AP4624	1 bag/kit			\$ 6.10	\$ -
Solar system chart	Solar System Chart	AP5236		1		\$ 13.35	\$ -
Planet orbit (planetarium) model	The orbiter planetarium	AP7860		1		\$ 274.45	\$ -
						TOTAL \$	-