

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

CSTA Description	Flinn Item Description	Flinn Catalog #	Recommended Quantity per Lab Group	Recommended Quantity per classroom	Desired Quantity (Enter numerical value)	Flinn Price	Total
Safety Equipment							
Acid cabinet	Flinn/SciMatCo Acid Cab, Nitric Acid compartment	SE8051		1		\$ 1,024.85	\$ -
Aprons	Apron, Rubberized, Medium Duty	AP7126		classroom set		\$ 12.95	\$ -
Chemical spill kit	EZ Pour Spill Control Kit	SE102		1		\$ 49.90	\$ -
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	\$ -
Flammables cabinet	Flinn/SciMatCo Benchtop Flammables Cab (self closing door)	SE8023		1		\$ 504.70	\$ -
Goggles sanitizer (holds 36 pairs of goggles)	Flinn Goggle Sanitizer	SE1000		1		\$ 577.45	\$ -
Safety goggles	Flinn Visor Goggles	AP1362	1/student			\$ 8.35	\$ -
Computer Assisted Learning							
Television or digital projector	N/A	N/A		1			
VGA Adapters for various digital devices	N/A	N/A		1			
Workroom Equipment							
Autoclave or pressure cooker	Autoclave, Tuttnauer - 9"	AP7382		1		\$ 7,302.90	\$ -
Balances (accurate to 0.1g or better)	Flinn Balnce 210g x 0.01	OB2141	1			\$ 298.00	\$ -
Beaker tongs	Beaker Tongs w/ protective sleeves	AP1113	2			\$ 8.65	\$ -
Beakers, 50 mL	Beakers Borosilicate 50mL	GP1005	2			\$ 3.30	\$ -
Beakers 100mL	Beakers Borosilicate 100mL	GP1010	2			\$ 3.50	\$ -
Beakers, 250 mL	Beakers Borosilicate 250mL	GP1020	2			\$ 3.40	\$ -
Beakers, 400 mL	Beakers Borosilicate 400mL	GP1025	1			\$ 3.75	\$ -
Beakers 600 mL	Beakers Borosilicate 600mL	GP1030				\$ 4.60	\$ -
Beakers, 1000 mL	Beakers Borosilicate 1000mL	GP1040		2		\$ 8.40	\$ -
Blender	Single Speed Blender	AP4369		1		\$ 287.95	\$ -
Centrifuge	Analog Centrifuge (Digital and Mini options available)	AP7760		1		\$ 440.45	\$ -

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Dissecting scopes (or hand lenses)	Flinn StereoScope 1x/3x LED	MS1160	1			\$ 361.00	\$ -
Dissection kit (scalpel, scissors, forceps, probes, tray, ruler)	General Biology Dissection Kit	AB1023	2			\$ 13.70	\$ -
Dropping bottles, plastic (reusable)	Bottle, Dropping, Polyethylene 3mL (multiple sizes available)	AP6062		100		\$ 3.45	\$ -
Droppers (glass or disposable transfer pipettes)	Pipet, Medicine Dropper	AP5102		1 box of 100		\$ 0.29	\$ -
Erlenmeyer flasks, 250 mL	Flask, Erlenmeyer 250mL	GP3045	2			\$ 4.95	\$ -
Erlenmeyer flasks, 1000 mL	Flask, Erlenmeyer 1000mL	GP3055		2		\$ 10.15	\$ -
Fermentation chamber (for anaerobic respiration)	Fermentation Tube.	FB0560	2			\$ 47.05	\$ -
Forceps	Forceps (multiple options available)	AP8328	2			\$ 2.41	\$ -
Funnels, small, long-stem	Funnel, long stem 51mm	AP1286	2			\$ 4.60	\$ -
Gel electrophoresis chamber	Flinn Six-Gen Electrophoresis Apparatus	FB2153	1			\$ 294.95	\$ -
Glove, heat-proof (resistant from extreme heat to 399o C)	Gloves, Autoclave	AP8876		2		\$ 32.00	\$ -
Graduated cylinder - 10 mL	Cylinder, Borosilicate Glass 10mL	GP2005	2			\$ 16.45	\$ -
Graduated cylinder - 100 mL	Cylinder, Borosilicate Glass 100mL	GP2020	2			\$ 28.90	\$ -
Graduated cylinder - 1000 mL	Cylinder, Borosilicate Glass 1000mL	GP9090		1		\$ 84.15	\$ -
Hot plates	Flinn Hot Plate 4x4	AP8182	1			\$ 205.00	\$ -
Bunsen Burners	Bunsen Burner, Natural gas	AP5344	1			\$ 25.45	\$ -
Incubator	Incubator	AP1565		1		\$ 407.00	\$ -
Magnetic stirrers	Flinn Magnetic Stirrer	AP8184		1		\$ 324.65	\$ -
Meter sticks	Meter Stick	AP8294	2			\$ 3.95	\$ -
Metric rulers	Ruler English/Metric 12"	AP4684	2			\$ 1.03	\$ -
Microscopes (compound)	Flinn Compound Microscope	MS1123	2				
Onion root tip slides	Mitosis, Meiosis and Cell Division Slide Set	ML1409		20		\$ 81.75	\$ -
Periodic table	Biology Periodic Table	FB0810		1		\$ 40.95	\$ -
Petri dishes (100 mm x 15 mm, glass or plastic)	Petri Dish, Borosilicate	GP3019		50		\$ 43.00	\$ -
Refrigerator (specimen)	Incufridge, 25L	AP7203		1		\$ 670.50	\$ -
Respirometer (measuring CO2 production)	Spirometer	TC1580	2			\$ 208.95	\$ -

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Ring stands w/ rings	Support Stand	AP4550	2			\$ 12.15	\$ -
Rubber stoppers, 2-hole; for 250 mL flasks	Rubber stopper (multiple sizes available)	AP2221	2			\$ 13.60	\$ -
Scissors	Student Scissors	AP5394	2			\$ 3.65	\$ -
Stirring rods	Stirring Rods, Plastic	AP8150	2			\$ 2.56	\$ -
Stop watches	Flinn Stopwatch	AP1572	2			\$ 13.00	\$ -
Test tube brushes	Test Tube Brush	AP8200		1/sink		\$ 1.84	\$ -
Test tube holders	Test Tube Rack (multiple options available)	AP5378	2			\$ 21.45	\$ -
Test tube racks	Test Tube Rack (multiple options available)	AP5378	2			\$ 21.45	\$ -
Test tubes (standard size, about 16 mm x 150 mm)	Test Tubes 16x150	GP6066		200		\$ 0.71	\$ -
Thermometers (alcohol; -10° to 110° C)	Thermometer Spirit Filled -10 to 110	AP1827	2			\$ 12.90	\$ -
boxes of 100 Vinyl or latex-free gloves	Gloes, Nitrile, Large, disposable	AP7080		4 boxes of 100		\$ 17.75	\$ -
Washing bottles, plastic	Washing Bottle 250 mL (multiple sizes)	AP8108		1/sink		\$ 4.30	\$ -
Water bath, 2.5 liter	Water Bath 5.5L	AP7301		1		\$ 545.00	\$ -
Consumables							
Agar	Agar, Bacteriological Grade 500g	A0085		500 grams		\$ 59.90	\$ -
Alcohol, 95% methanol or isopropyl	Methyl Alcohol 500 mL	M0054		1 liter		\$ 6.65	\$ -
Amylase	Amylase 25g	A0303		500 grams		\$ 19.25	\$ -
Benedict's solution	Benedicts Solution 500 mL	B0062		3-500 mL bottles		\$ 12.15	\$ -
Chromatography paper	Chromatography paper	AP8293		1 roll		\$ 46.55	\$ -
Congo Red	Congo Red 10g	C0120		10 grams		\$ 11.95	\$ -
Dialysis tubing	Dialysis tubing (multiple options available)	AP4351		1 roll		\$ 6.90	\$ -
Filter paper, discs	Filter Paper Discs 5.5cm (multiple sizes available)	AP1132		3 boxes		\$ 17.95	\$ -
Glucose (Karo syrup)	Corn Syrup 16 oz	C0091		1 bottle		\$ 6.10	\$ -
Lipase	Lipase 100g	L0039		500 grams		\$ 57.85	\$ -
Litmus Paper (neutral)	Litmus Papers Neutral	AP7934	1 vial			\$ 1.20	\$ -
Microscope cover slips	Cover slips	ML1377		5 boxes of 100		\$ 3.95	\$ -

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Microscope slides	Microscope slides	ML1380		3 boxes of 100		\$ 13.15	\$ -
Peptidase	N/A	N/A		500 grams			
pH Paper (0-14)	Hydrion Ultrafast 0-14 pH Test Paper	AP5411	1 vial			\$ 12.65	\$ -
Phenolphthalein solution (500 mL bottles)	Phenolphthalein Solution 1% 500mL	P0020		3		\$ 7.00	\$ -
Potassium iodide solution (500 mL bottles)	Potassium Iodide Solution 1M 500mL	P0170		3		\$ 32.40	\$ -
PTC paper	PTC paper	AP7989	1 vial			\$ 2.16	\$ -
Sodium benzoate paper strips	Sodium benzoate paper strips	AP7891	1 vial			\$ 1.94	\$ -
Sodium bicarbonate	Sodium bicarbonate 500g	S0043		500 grams		\$ 6.50	\$ -
Starch	Starch 500g	S0123		500 grams		\$ 58.20	\$ -
Sucrose	Sucrose Lab grad 1kg	S0135				\$ 11.80	\$ -
Thiourea paper strips	Thiourea paper strips	AP7892	1 vial			\$ 1.94	\$ -
TOTAL						\$	-