

"WILL CALL FOR AS NEEDED" items should not be shipped upon receipt of purchase orders. On these items Biology Lab Coordinator will call to release these items during the fiscal year July 1, 2014-June 30, 2015 only as needed.				
VENDOR NAMES FOR REFERENCE PURPOSES ONLY				
BAXTER SCIENTIFIC				
1	B1055-4	*Oxidase Reagent Dropper; contains 0.5ml of 1% solution of tetramethylparaphenyene diamine hydrochloride 50 per pkg. (Marion Scientific 261181) <u>WE WILL CALL FOR AS NEEDED</u>	6	pkg
2	21239BT	*Trypticase Soy Agar with 5% sheep blood (TSA II) 20 per pkg. This is plated media on a 100 mm x 15 mm plate <u>WE WILL CALL FOR AS NEEDED</u>	35	pkg
3	P1226	S/P Marking Pen, Nonsmear Extra Fine writing tip. Color-Black Permanent marker; 12 per pkg	12	pkg
CAROLINA BIOLOGICAL SUPPLY CO				
4	154921	*Bacillus subtilis, living culture <u>WE WILL CALL FOR AS NEEDED</u>	1	tube
5	15-4931A	*Chromobacterium violaceum, freeze-dried <u>WE WILL CALL FOR AS NEEDED</u>	3	each
6	15-4941	*Citrobacter freundii, living slant <u>WE WILL CALL FOR AS NEEDED</u>	1	each
7	15-4995	*Clostridium sporogenes , thio tube <u>WE WILL CALL FOR AS NEEDED</u>	2	each
8	12-4330	*Coliphage T4 wild type (T4r+) <u>WE WILL CALL FOR AS NEEDED</u>	1	vial
9	17-2582	*Drosophila culture of rosy/ lpo/aldox, a chromosome 3 mutant <u>WE WILL CALL FOR AS NEEDED</u>	30	each
10	17-2320	*Drosophila culture; apterous type flies <u>WE WILL CALL FOR AS NEEDED</u>	5	each
11	17-2500	*Drosophila culture; ebony <u>WE WILL CALL FOR AS NEEDED</u>	5	each
12	17-2020	*Drosophila culture; F1 cross between white-eyed female and wild male <u>WE WILL CALL FOR AS NEEDED</u>	30	each
13	17-2575	*Drosophila culture; sepia <u>WE WILL CALL FOR AS NEEDED</u>	5	each
14	17-2460	*Drosophila culture; vestigial wing flies <u>WE WILL CALL FOR AS NEEDED</u>	5	each
15	17-2220	*Drosophila culture; white eyed <u>WE WILL CALL FOR AS NEEDED</u>	5	each
16	17-2100	*Drosophila culture; wild type flies <u>WE WILL CALL FOR AS NEEDED</u>	30	each
17	17-2032	*Drosophila Custom cross between vestigial and sepia <u>WE WILL CALL FOR AS NEEDED</u>	30	each
18	17-2000	*Drosophila F1 apterous x wild cross <u>WE WILL CALL FOR AS NEEDED</u>	30	each
19	17-2055	*Drosophila: Custom cross. An F1 cross between the mutant (sepia lpo/aldox) and the wild type <u>WE WILL CALL FOR AS NEEDED</u>	30	each
20	15-5070	*E. coli B; living culture <u>WE WILL CALL FOR AS NEEDED</u>	1	tube

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21	15-6878	*Fern prothallia. Live Mature prothallia with antheridia and archegonia <u>WE WILL CALL FOR AS NEEDED</u>	8	each
22	21-1233A	*Human VNTR Polymorphism Kit (AT) Extraction and Amplification Kit with .2 ml tubes; enough material for 25 students <u>MUST BE CAROLINA BIOLOGICAL; WE WILL CALL FOR AS NEEDED</u>	4	kit
23	15-5095A	*Klebsiella pneumoniae, freeze dried <u>WE WILL CALL FOR AS NEEDED</u>	1	each
24	14-2230	*Live adult brine shrimp; 2 oz / bag; with instructions <u>WE WILL CALL FOR AS NEEDED</u>	2	bag
25	15-5160	*Micrococcus roseus, living, slant <u>WE WILL CALL FOR AS NEEDED</u>	1	each
26	15-4928	*Moraxella catarhalis, living slant <u>WE WILL CALL FOR AS NEEDED</u>	1	each
27	15-5210	*Neisseria subflava, living slant <u>WE WILL CALL FOR AS NEEDED</u>	1	each
28	80-6258	*Neomycin, 30 mcg. BBL 50 disk magazine. Must be BBL <u>WE WILL CALL FOR AS NEEDED</u>	5	each
29	80-6262	*Novobiocin, 30mcg. BBL; 50 disk magazine Must be BBL <u>WE WILL CALL FOR AS NEEDED</u>	1	each
30	17-1143	*Onion bulbets for growing root tips; with instructions Available mid-September to June. Pack of 30 bulbets <u>WE WILL CALL FOR AS NEEDED</u>	4	pack
31	15-6157	*Penicillium notatum plate <u>WE WILL CALL FOR AS NEEDED</u>	2	each
32	21-1377	*PTC PCR DNA Extraction and Amplification Kit with 0.2-mL Tubes: This kit expresses the molecular basis of the inherited ability to taste the bitter chemical phenylthiocarbamide (PTC), which was first described in the 1930's by Cold Spring Harbor Laboratory scientist Albert Blakeslee. Students determine their ability to taste PTC using taste paper. They then use safe saline mouthwash and Chelex extraction to obtain a sample of their own DNA and amplify a 221-nucleotide region of the PTC taste receptor gene. The 2 alleles differ by a single nucleotide, so restriction digestion of the amplified product followed by gel electrophoresis effectively differentiates the 2 alleles. One allele strongly correlates to the ability to taste PTC. After scoring their SNP genotypes, students determine how well the SNP genotypes actually correlate to tasting. No substitution allowed: Must be Carolina Biological. <u>WE WILL CALL FOR AS NEEDED.</u>	4	kit
33	15-6224K	*Rhizopus stolonifer (-) plate <u>WE WILL CALL FOR AS NEEDED</u>	1	each
34	15-6222K	*Rhizopus stolonifer (+) plate <u>WE WILL CALL FOR AS NEEDED</u>	1	each
35	15-6250	*Saccharomyces cervisiae tube <u>WE WILL CALL FOR AS NEEDED</u>	2	each
36	82-8924	*Sheep blood Alsever's 100ml per btl <u>WE WILL CALL FOR AS NEEDED</u>	5	btl
37	80-6022	*Taxo A Disks for differentiating group A Streptococci, 50 disks per cartridge <u>WE WILL CALL FOR AS NEEDED</u>	5	pkg
38	L258	*Vinegar Eel, living class 30 <u>WE WILL CALL FOR AS NEEDED</u>	15	each

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39	LJ-24-7686	3 B Human Hand, Plastic, articulated with wire; unmounted	8	each
40	LJ-21-3667	8-well electrophoresis comb	12	each
41	21-7080	Agarose; electrophoresis grade; low EEO, 25 gram btl	1	each
42	84-4362	Ammonium sulfate, Laboratory grade, 200 grams	2	each
43	806016	Ampicillin Magazine, 10 mcg, must be BBI 50disks	4	each
44	LJ-142214	Brine Shrimp Hatchery Kit, Includes hatching container, air pump, air-line tubing, air stone, salt, unit of brine shrimp eggs, fine mesh net and instructions	1	kit
45	LJ-142216	Refill for above kit to contain brine shrimp eggs, air stone and salt	1	each
46	84-9420	Buffer, Chemvelopes, pH 11.0, carton of 5; each makes 500 ml buffer	1	each
47	84-9340	Buffer, Chemvelopes, pH 3.0 carton of 5; each makes 500 ml buffer	1	each
48	84-9350	Buffer, Chemvelopes, pH 4.0, carton of 5; each makes 500 ml buffer	1	each
49	84-9380	Buffer, Chemvelopes, pH 7.0 carton of 5; each makes 500 ml buffer	4	each
50	22-8930	Bull testicles, preserved; must be in liquid	50	each
51	15-8335	Bush Lima Beans (1 lb pkg)	1	pkg
52	806058	Chloramphenical Magazine, 30mcg; must be, BBI 50disks	2	each
53	69-2637	Diaphragm and balloons as replacement parts to lung function model	1	set
54	73-1435	Disposable culture tubes. 10 mm x 75 mm; pack of 250 tubes; MUST BE CLEAR; NO COLORED MARKING AREA	8	pkg
55	78-3081	EMB Agar, 500 grams must have expiration date over 24 months ; cannot be Alpha brand	1	btl
56	62-9120	Dissecting pins; nickel plated; 1 3/4" long; 1/2 pound per box	1	box
57	62-9122	Dissecting pins; nickel plated; 2" long; 1/2 pound per box	1	box
58	17-3094	Drosophila sorting brush; plastic handle; 6 1/2 inches; pack of 12	1	pkg
59	69-2313	ECG paper for use with ECG machine 69-2222. 400 sheets/pkg	1	pkg
60	712704	Filter paper #2, 9.0 cm diameter circles, 100/box	6	each
61	17-3010	Fly Nap kits for anesthetizing flies in their own culture vessels; 10ml of fly nap and 12 anaesthetic wands; 100 doses	2	kit

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62	17-6660	Genetic Maize Y and R alleles 12:3:1	12	each
63	711309	Glass stirring rods with rounded ends (6 x 250 mm) 12/pack	1	pkg
64	71-3122	Heavyweight Plastic Bags: Sturdy bags made of clear polyethylene film 0.003" thick. Ideal for preserved specimens: 12" x 24"; package of 12	1	pkg
65	71-3116	Heavyweight Plastic Bags: Sturdy bags made of clear polyethylene film 0.003" thick. 10"X14"; package of 50	2	pkg
66	63-3950	Kimwipes, square box, 4 1/2' by 8 1/2" sheets, 280 sheets / box	12	box
67	65-7346	Labels: Pres-a-ply 7/8" x 7/8" box of 500	1	box
68	65-7340	Labels: Pres-a-ply. A self-sticking white paper label with a smooth writing surface. Easily removable and non corrosive. In sheets for easy typing 5/8" x 7/8" rectangle. box of 1000	1	box
69	21-8200	Loading Dye for electrophoresis of DNA; 1ml.	4	each
70	87-4952	Methanol, Reagent, A.C.S. 4 liters per ctn WE WILL CALL FOR AS NEEDED	3	ctn
71	21-5230	Microfuge Tubes; 1.5ml polypropylene; tubes can be sterilized; clean pack of 1000	1	pkg
72	78-8281	Triple Sugar Iron Agar; 500 grams (Difco # 0265-17-1) must have an expiration date over 18 months	1	btl
73	78-5301	Nutrient Agar, 500 grams <u>must have expiration date over 24 months</u>	1	btl
74	702440	Ohaus Scout Pro Portable Electronic Balances Superior performance and simple operation have made Scout® balances the most popular portable balance in the classroom. With the updated Scout® Pro, you get the same exceptional accuracy and reliability of earlier Scouts along with several unique improvements that make this balance the best choice for educators.	1	each
75	806296	Penicillin Magazine 10 units, must be, BBI 50disks	2	each
76	70-2604	Rulers, transparent (must be) vinyl ruler; 6 inches	2	each
77	62-6596	Scalpel blades. Swedish carbon steel #22; 4 blades per pkg.	4	pkg
78	22-8830	Sheep pluck in Carosafe liquid preserved: Must be in liquid	2	each
79	69-2307	Single use ECG electrodes for use with 69-2222 ECG machine. 100/pkg	2	pkg
80	63-3384	Squares. Number 1 Corning Standard Selected, Non-corrosive, Micro Cover Glasses 25mm square; 1 oz per box	5	each
81	806376	Streptomycin Magazine, 10, mcg; must be, BBI 50disks	3	each
82	62-2535	Surgical scissors, both points sharp; 5 1/2" straight	10	each
83	21-5620	Tape. Labeling: Premium grade of printable masking tape has excellent adhesive qualities and is resistant to water, solvents, and oils. The tape performs well in water baths, incubators,	4	pkg

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84	21-9025	Tris-Borate EDTA (TBE) 20X Electrophoresis buffer concentrate Sufficient for 3 liters of 1X buffer 150 ml per bottle	15	each	
85	21-9026	Tris-EDTA (TE) buffer, 25ml / btl	2	btl	
86	78-8421	Tryptic Soy Agar Difco # 0364-01-4 1lb/btl must have an expiration date over 24 months	10	btl	
87	78-8421	Tryptic Soy Broth, 30g/liter, 500g must have expiration date over 24 months	2	btl	
88	LJ-69-2222	Welch Allyn Portable Electrocardiograph, Model AT-1; fully automatic, 1 button operation, 12 lead selections and easy touch keyboard. Comes with 12-lead patient cable with electrode adapter clips, power cord, electrograph paper, 100 single use electrodes, 10 ECG mounts and instruction manual. Comes with a 3 year manufacturer's warranty	1	each	
89	566835	Altag Human Blood Cell Types Plaque. Shows erythrocytes and 5 types of leukocytes with their characteristic nuclei. Size 54 x 38 cm. With key	1	each	
90	566895B	Altag Human Digestive System. About life size. Shows entire digestive tract from mouth to rectum including the liver and pancreas. Includes open dissection of stomach and interior views of small and large intestines. All structures numbered and keyed. Includes sagittal head with salivary glands.	1	each	
91	566799	Altag Human Spinal Cord Dissection. About 2x life size. Detailed representation of cervical vertebrae with spinal cord and spinal nerve tracts. Spinal cord is dissected to show meningeal membranes and spaces.	1	each	
92	821054	MRVP test kit, includes 30ml Methyl red, 30ml alpha-Naphthol sloution, 30ml Potassium Hydroxide solution and instructions	6	each	
93	216259	This economically priced digital dry bath features microprocessor control and easy calibration. Just set the temperature using the digital display. It is not necessary to check the thermometer and readjust the temperature. Each dry bath is supplied with a block and lifter	2	each	
94	216262	This is a dry bath block for the Accublock Digital Dry Bath (#216259). The block has holes for 24 1.5-mL tubes, making it ideal for PCR reactions	2	each	
95	162120	*Chara, living, pack of 12 TO BE CALLED FOR AS NEEDED	6	each	
96	795001	Bile salts, 100 gram bottle	1	each	
97	87-2500	Pancreatic lipase, 25 grams	1	each	
98	87-9379	Pepsin, reagent grade, 100 gram bottle	1	each	
99	16-3262	Pebbles, rainbow aquarium mix, gravel size; 5 lb bag	2	bags	
100	84-1453	Aceto Orcein stain; 100 ml per bottle	2	bottles	
101	305842	Grantia (scypha) microscope slide, l.s. near median section to show relation of incumbent and radial canals	22	each	

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102	154719B	Rhizobium Inoculum, 6 oz.A bacteria and soil preparation for mixing with leguminous seed before planting to obtain nodule formation and nitrogen fixation.	2	each
103	653303	Carolina digital spectrophotometer. This digital spectrophotometer is uncomplicated—turn the knob to set the wavelength, push 1 button to blank the standard, and the instrument is ready. Unit displays both absorbance and % transmittance; press the Mode button to toggle between the 2. Features an easy-to-read LED display and a durable case that's a breeze to wipe clean.	3	each
104	17-2470	*Drosophila culture; antennapedia <u>WE WILL CALL FOR AS NEEDED</u>	4	each
105	17-2035	*Drosophila culture;Vg cross with Eb <u>WE WILL CALL FOR AS NEEDED</u>	24	each
106	787021	SIM Medium dehydrated, 500g must have expiration date over 24 months	1	each
<p>CONNECTICUT VALLEY</p>				
<p>All cultures of organisms to be shipped "next day" delivery, shipping included in price</p>				
107	L-1	*Amoeba proteus <u>WE WILL CALL FOR AS NEEDED</u>	25	jar
108	L-111	*Anabaena, Living <u>WE WILL CALL FOR AS NEEDED</u>	25	jar
109	Edvotek #986	*Analysis and Comparison of Various Mammalian Cell Types. Four different cell types provide a direct comparison of different cell types. Morphological differences between normal and transforming cells will be observed -- for 6 groups of students: Must be Edvotek: <u>WE WILL CALL FOR AS NEEDED</u>	4	kit
110	L-210	*Cabamba, group of 12 <u>WE WILL CALL FOR AS NEEDED</u>	15	each
111	L-106	*Chlamydomonas, Living <u>WE WILL CALL FOR AS NEEDED</u>	25	jar
112	L-45	*Crayfish, Living <u>WE WILL CALL FOR AS NEEDED</u> ; pkg of 8	24	each
113	L-40	*Daphnia <u>WE WILL CALL FOR AS NEEDED</u>	25	jar
114	L-115	*Diatoms, mixed species <u>WE WILL CALL FOR AS NEEDED</u>	25	jar
115	BT 109C	*DNA Fingerprinting I - Identification of DNA by Restriction Fragmentation Patterns;DNA Samples Only for 24 Gels using InstaStain® FlashBlue™ or 24 gels using InstaStain® Ethidium Bromide Edvotek Kit # 109 Must be Edvotek: <u>WE WILL CALL FOR AS NEEDED</u>	3	kit
116	Edvotek #206	*DNA Mapping Using Restriction Enzymes. Must be Edvotek: <u>WE WILL CALL FOR AS NEEDED</u>	6	kit
117	L-200	*Elodea, group of 12 <u>WE WILL CALL FOR AS NEEDED</u>	25	each

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118 L-137	*Eiodea, tips, group of 12	<u>WE WILL CALL FOR AS NEEDED</u>	25	each
119 L-3	*Euglena gracilis	<u>WE WILL CALL FOR AS NEEDED</u>	25	jar
120 L-1913	*Fruiting fern, living; with soil	<u>WE WILL CALL FOR AS NEEDED</u>	10	each
121 L-112	*Gloecapsa, Living	<u>WE WILL CALL FOR AS NEEDED</u>	25	jar
122 L-15	*Hydra fusca (brown)	<u>WE WILL CALL FOR AS NEEDED</u>	25	jar
123 LS-37	*LIVING Lumbricus terrestris. Earthworm Mature specimens with clitellum. Shipped in a bedding which will allow the Earthworms to be kept for an indefinite period. Class of 25-30.	<u>WE WILL CALL FOR AS NEEDED</u>	8	each
124 BT #105C	*Mapping of Restriction Sites on Plasmid DNA: Edvotek Kit #105C; refill for Edvotek #105; contains 960 microliters of each of the samples. DNA samples 24 Gels in microtest tubes ready to load	<u>WE WILL CALL FOR AS NEEDED</u>	8	set
125 L-122	*Nostoc, Living	<u>WE WILL CALL FOR AS NEEDED</u>	25	jar
126 L-110	*Oscillatoria, Living	<u>WE WILL CALL FOR AS NEEDED</u>	25	jar
127 L-108	*Pandorina	<u>WE WILL CALL FOR AS NEEDED</u>	15	jar
128 L-2B	*Paramecium aurelia	<u>WE WILL CALL FOR AS NEEDED</u>	12	jar
129 L-2C	*Paramecium bursaria	<u>WE WILL CALL FOR AS NEEDED</u>	12	jar
130 L-2	*Paramecium caudatum	<u>WE WILL CALL FOR AS NEEDED</u>	25	jar
131 L-1-a	*Pelomyxa carolinensis (Chaos Chaos)	<u>WE WILL CALL FOR AS NEEDED</u>	12	jar
132 L-8a	*Peranema, Live	<u>WE WILL CALL FOR AS NEEDED</u>	12	jar
133 L-20	*Planaria-Dugesia	<u>WE WILL CALL FOR AS NEEDED</u>	25	jar
134 L-12S	*Pond sediment organisms	<u>WE WILL CALL FOR AS NEEDED</u>	35	jar
135 L-25	*Rotifers	<u>WE WILL CALL FOR AS NEEDED</u>	12	jar
136 L-100	*Spirogyra, Living	<u>WE WILL CALL FOR AS NEEDED</u>	25	jar
137 L-3250	*Termites class of 25	<u>WE WILL CALL FOR AS NEEDED</u>	25	jar
138 L44A	*Terrestrial isopods; pill bugs	<u>WE WILL CALL FOR AS NEEDED</u>	16	jar
139 L-107a	*Volvox globator	<u>WE WILL CALL FOR AS NEEDED</u>	25	jar

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140	L-7	*Vorticella <u>WE WILL CALL FOR AS NEEDED</u>	25	jar
141	P75	Ascaris lumbricoides, preserved male and female specimens; preserved in liquid	50	each
142	LW 2150C	Durham tubes: 144 / box . For gas collection. 9 x 30mm, flat bottom. Capacity 0.25 dram (ml).	2	box
143	AP 710	Filter paper #2 11.0 cm diameter circles; 100 circles / box	1	box
144	AP 720	Filter paper #2 12.5 cm diameter circles; 100 circles / box	1	box
145	Edvotek#638	Fine tip micropipette tips. (1-200ul) 2 racks of 96 each. Required for loading vertical protein gels.	2	set
146	P109	Lumbricus terrestris, preserved earthworms 9-12 inches Plain preserved in liquid	100	each
147	P2010A	Romalea microptera, large lubber grasshopper, preserved in liquid	200	each
148	P9600	Sheep brains, preserved. Carefully removed with hypophysis and cranial nerve roots intact Must be in liquid	100	each
149	P9650	Sheep eyes, internally preserved; must be in liquid	400	each
150	P9630	Sheep heart in pericardium with connecting vessels intact. Must be in liquid	200	each
CURTIN MATHESON				
151	BR-1070	Control Taste Papers; 100 strips per vial	2	vial
152	364-638	Dispenser, bottletop, Dispensette by Brinkman. 1.0-5.0 ml range with 32oz btl Mfr #50030101-5	1	each
153	489-609	*Ethyl alcohol, denatured 95%; 5 gal container to be called for as needed	4	ctn
154	264-549	Tape; autoclave sterility indicating tape; 1/2" width x 500" length	1	roll
155	150-649	Tape; label 3/4" width x 500" length; WHITE	1	roll
DAIGGER				
156	FX21888AA	Band-Aid Strips 1 x 3"; box of 100	1	box
157	FX1710F	Pyrex Heavy Duty Beakers; 2000ml capacity; case of 8	1	case
EDVOTEK				
158	104	Size determination of DNA restriction fragments, Edvotek kit # 104	1	each
FISHER SCIENTIFIC				
159	S10218	Anopheles malaria mosquito, adult male whole mount prepared slide (No. 1N316G)	24	each

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160	CJS1715S	Beef brain; large and easy to dissect	4	each
161	01-815-15	Bel-Art Scienceware. Bag, Twist Tie Cord; 1500 feet on a spool	1	roll
162	DF0854-17-8	Cetrimide Agar Base; 500g must have an expiration date of 24 months or more	1	btl
163	S337631	Porcelain Pestles and Porcelain Mortars with pouring lip; glazed outside, rough inside; pestles have glazed handles and unglazed ends; diameter o f130mm; capacity: 300ml, 10/ case	1	case
164	14-649-77	Counter-Pen Combination marker/digital counter suits both laboratory and plant use. Each time a mark is made with the felt-tipped pen, the counter beeps and its easy-to-read LCD displays the count.	1	each
165	8-667D	Dialysis tubing highly permeable to water and low molecular weight compounds Retains materials with 12,000 MW and higher. Pore size 4.8 mm. Avg. width dry flat=33mm. Avg. width, dry inflated 21 mm. 100 ft per roll	2	each
166	22-079-657	Surgical Design No.:27057 - Scalpel Handle for No. 10 and No. 11 Standard Surgeon Stainless 3 in	6	each
167	22-079-681	High quality surgical steel blades, tempered and hardened for longer and sharper service with the correct balance of rigidity and flexibility, Size 10 ; pack of 12	1	pack
168	DF0256-17-2	Fluid Thioglycollate Media; 500 grams must have expiration date over 24 months	1	btl
169	14-649-121	Features Automatic Bounceback™ Memory for repetitive timing · Four separate timing channels, plus recall memory · Timing capacity: 99 hours, 59 minutes, 59 seconds · Resolution is 1 second/accuracy is 0.01% · Count-up/count-down/alarm/clock · Time-of-day	8	each
170	13-812-48	Surgical Design No.:27048 Scalpel Blades Surgeon Size 11 blade; pack of 12	1	pack
171	08-757-14	Petri Dishes for Kirby-Bauer sensitivity testing 150mm X 15mm; radiation sterilized; 10/sleeves; case of 100	3	cases
172	19-075-388C	Plastic bags, 10" x 16", 4 mil thick, pack of 100	1	pack
173	S99410	Tube, Centrifuge; United Scientific; Polypropylene; Screw top; Easy to read black graduations; Sterile; Conical bottom; Writing area for easy sample identification; Blue caps; Capacity: 15mL; 50/pk.	5	packs
174	S-373	Sodium Phosphate Dibasic Heptahydrate (Crystalline/Certified ACS), Fisher Chemical; 500 gm.	1	btl
175	S11552	Box, White Light; Edvotek; Use to visualize DNA stained with FlashBlue or proteins stained with Coomassie Blue; Amber gel viewing filter included for contrast; View autoradiograms; 21.5 x 29cm viewing area	1	each
176	14-959-25B	Test tubes, Borosilicate glass, 16 X 100mm with black phenol screw cap with white rubber liner, 250/tray, case of 1000	1	case
177	S70160	Tetracycline, 30mcg, 10 cartridges OF 50 / pkg MUST BE BBL	1	pkg

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178	13-711-9D	Transfer pipets, Disposable molded one piece polyethylene, 0.5ml Graduations, 6 in., 7.5ml pack of 500	6	btl	
179	T-395	Tris(hydroxymethyl)aminomethane (Cryst./Certified ACS), Fisher Chemical; 500 gm.	1	btl	
180	02-681-2	Tips, Pipette; Fisherbrand; Standard; For use with: Pipetman, Costar, Onepette, 8 and 12 Pette, Eppendorf, Finnpipette, Labpette, 8 and 12 Channel, Nichiryo, Oxford-Benchmark, Rainin EDP2, Socorex Titertek, Digital; Yellow; 1 to 200uL, case of 10	1	case	
181	03-484-11A	Thermo Scientific Nalgene Staining Boxes PMP box PPCO cover, LDPE Plug	2	each	
182	02-681-4	Tips, Pipette; Fisherbrand; Standard; Blue; Bagged; Rack, 10 x 100; For use with: Pipetman, Costar, Eppendorf, Finnpipette, Nichiryo, Oxford-Benchmark, Rainin EDP2, SMI Airpettor, Socorex, Titertek, Volac; 101-1000uL, case of 5 packs	1	case	
183	02-707-432	Pipet Tips; Aerosol Barrier; Fisherbrand SureOne; Universal fit for research grade pipettors; Volume: 2-20uL; 1-1/4 in.; Color: Natural; Packaging: HR 10 x 96; Beveled tip, case of 5 packs	1	case	
184	50-930-786	Cleaning Accessories and Supplies: Laboratory Gloves: Nitrile Exam Textured Gloves: Nitrile Gloves, Small, 10 bx/cs	1	case	
185	50-930-796	Cleaning Accessories and Supplies: Laboratory Gloves: Nitrile Exam Textured Gloves: Nitrile Gloves, Medium with Aloe Vera, 10bx/cs	1	case	
186	50-930-789	Cleaning Accessories and Supplies: Laboratory Gloves: Nitrile Exam Textured Gloves: Nitrile Gloves, Large, 100/bx	10	packs	
187	S402871	Paper, Weighing; Nitrogen-free; Smooth texture; Will not absorb moisture; 3 x 3 in. pack of 500	2	packs	
188	S402881	Paper, Weighing; Nitrogen-free; Smooth texture; Will not absorb moisture; 4 x 4 in. pack of 500	1	pack	
189	02-681-290	Tube, Microcentrifuge; Fisherbrand; Polypropylene; With attached locking cap; Graduated; Capacity 1.5mL; Max. RCF 26,000xG; Mixed colors, pack of 500	2	packs	
190	02-681-299	Tube, Microcentrifuge; Fisherbrand; Polypropylene; w/attached locking cap; Graduated; Capacity 2.0mL; Max. RCF 25,000xG; Mixed Colors (Natural; Red; Blue; Green; Yellow; Orange; Violet; Amber); Pack of 500	2	packs	
191	15-901-5R	Case, Colored Label; Fisherbrand; Durable; Oil, acid resistant; Includes 2 blue, 2 pink, 2 green, 2 red, 2 yellow, 2 orange, 4 white; Strong; Width: 0.75 in. (19mm); 14 yd. (13m) rolls; Rainbow case of 16 tape	1	pack	
192	15-901-10R	Tape, Colored Label; Fisherbrand; Water-resistant; Oil, acid resistant; Strong; Durable; Includes 1 blue, 2 pink, 2 green, 2 red, 1 orange, 2 yellow, 2 white; Width: 1 in. (25mm); 14 yd. (13m) rolls; Rainbow pack of 12 tapes	1	pack	
193	S96710	Rack, Centrifuge tube; Bel-Art; Scienceware; Epoxy coated steel wire; Chemical and corrosion resistant; Steam autoclavable at 121°C (250°F); 50mL; 30mm Square place; 8 Place; 149 x 76 x 89mm	8	each	

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VENDOR NAMES FOR REFERENCE PURPOSES ONLY					
194	14-817-25	Tuberculin; Sterile, 1mL; Graduations: 0.05c- Air-Tite; Norm-Ject; Luer centric slip; No latex, rubber, silicone oil, BPA, Styrene, or DEHP; FDA Registered; CE Marked; ISO Compliant; HPLC Certified for Chromatography; Sterile; Tuberculin; Low Deadspace; All-Plastic; 1mL; manufactured from high-quality laboratory grade polypropylene and polyethylene. Chemically inert and nontoxic, these syringes are ideal for chromatography, in vitro fertilization and embryo transfer. pack of 100	1	pack	
195	AC13236-0050	D(-)-Ribose, 5g	1	each	
196	S25334	D-Galactose, 100g	1	each	
197	S25650	D-Arabinose, 25g	1	each	
198	BP178-1	Guanidine hydrochloride, 1Kg	1	each	
199	A9256-100	L-Aspartic acid, 100g	1	each	
200	S25656	L-Arginine, 100g	1	each	
201	50-414-661	Rat Liver	1	each	
202	14-385-445	Thermo Scientific™ GENESYS™ 20 Visible Spectrophotometer- 10mm cell holder, dust cover, and U.S. power cord. Precise and Reliable; Compact footprint; Intuitive keyboard with integrated controls and LCD display, Direct measurement of routine absorbance or transmittance data, Concentration mode for single point standard or factor-based quantitative analysis, Bidirectional RS-232-C interface, Cleanable, chemical-resistant surfaces and rugged design withstands harsh laboratory environments	3	each	
203	CPD10NJM1	DI-PAK Purification Pack, medium size (2.3 L of resin) Fisher/ Millipore Catalog Number CPD10NJM1	2	pkg	
204	SPR00SIA1US	SmartPak DQ3 LT Purification Pack Millipore /Fisher Catalog Number: SPR00SIA1US	2	pkg	
FLINN SCIENTIFIC					
205	AP8576	Bio-glasses. Safety glasses specifically designed for the life science classroom. ANSI Z87.1 approved.	10	each	
206	FB0574	Broad bean seeds, 4 oz / pkg	1	pkg	
207	AP8204	Brush, cylinder. Overall length 20". Stiff back bristle portion is: 5 3/4" long; 2 1/4" diameter	1	each	
208	AP8201	Brush, Test tube, nylon; 9 3/4 " long; 3/4" diameter bristles	6	each	
209	AP8202	Brush, Test tube, nylon; 11 " long; 1 3/8" diameter bristles	6	each	

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VENDOR NAMES FOR REFERENCE PURPOSES ONLY				
210	AP8661	Brush, test tube, pig bristle. White hog bristle in the body and black nylon in the tuft. The tuft is so arranged as to allow the brush to reach to the bottom of the test tube.	6	each
211	D0015	Dextrose, anhydrous, reagent, granular; 2 kgm bottle	1	btl
212	M0155	Methyl cellulose in dropper btl; 20ml/btl	3	btl
213	AB1439	Seeds for germination. Red radish; 1 oz contains approx. 2500 seeds	1	pkg
214	05-408-196	Tip, Pipet; Fisherbrand; SureGrip; Reload system; In CellRacks; Certified DNase, RNase, Human DNA and PCR inhibitor free; Withstand numerous autoclave cycles; Color: natural; Volume: 1250ul.; 768/Pk.	1	pkg
FREY SCIENTIFIC				
215	Edvotek300	*Blue/White Cloning of a DNA Fragment and Assay <u>MUST BE EDVOTEK; WE WILL CALL FOR AS NEEDED</u>	5	kit
216	96569885	PTC Taste Paper; 12 vials/pk.	6	pkg
217	Edvotek-235	*DNA/RNA Microarrays: Edvotek Kit #235 <u>MUST BE EDVOTEK; WE WILL CALL FOR AS NEEDED</u>	1	kit
218	Edvotek 631	Goggles, Laboratory UV Light Safety; provides UV light protection	6	each
GE HEALTH CARE				
219	17-5248-02	His Trap HP 5x5 ml	1	each
NASCO SCIENTIFIC				
220	SB07337M	Seeds of peas; 1 lb/pkg	1	pkg
221	SA05720M	Seeds of red kidney beans, 1 lb/pkg	1	pkg
222	SB07328M	Seeds of sweet corn; 1 lb/pkg	1	pkg
223	LS01083M	Clams, large 4" to 5" in liquid; bucket of 100	2	buckets
SARGENT WELSH				
224	S-79337-75	Cotton tipped applicators, Sterile swabs; individually wrapped 15cm long; pkg of 100	20	pkg
225	S-44171-C	Tape: Label pressure sensitive water and oil proof roll contains 1270 cm; 19mm wide	1	each
226	WLA5754	Cotton balls, absorbent; non-sterile; package of 300	2	each
227	WLS-24655-B	Flint glass cylinders; 10ml capacity with .2 ml subdivisions	12	each
228	WLS 1818-18	Clear Sinus Model: This transparent, semi-circular facial model gives students a unique 3D view of the Paranasal and Mastoid sinus cavities from all angles of the head. Brightly-colored sinus	1	each

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VENDOR NAMES FOR REFERENCE PURPOSES ONLY				
229	WLB1814-73	Duragel: Pipeting DNA and biological reagents is a critical skill required for biotechnology and life science experiments. This DNA DuraGel is designed for proper student training, to teach techniques for pipeting samples for Agarose gel electrophoresis. Each DuraGel is a reusable clear simulation of an agarose gel that features two sets of different well sizes for pipeting 5-35 ul of a sample. Each gel is reusable and saves you the preparation time and expense of pouring agarose practice gels. Detailed instructions on pipeting and a sample loading solution are included. ; package of 6	2	pkg
230	WLS1775-83	Amber Glass Dropper bottles; 1 oz capacity with screw caps and rubber dropper; package of 12	2	pkg
231	WLS-58815	Premium grade Culture slides with cavities; 4 cavities; slide is 1" by 3"; 12 / package	4	pkg
232	WLS-26733-05	Razor blades; single edge; package of 100	2	pkg
233	WL95316	Breast Cancer Soft Tissue Model; constructed of durable, lifelike materials; embedded nodules represent typical tumor growth; model is 3" long by 3 1/2" wide and 1 3/4" high	1	each
234	WL7497B	Immunology & Evolution Experiment Refill Kit by Lab Aids. Tests the evolutionary closeness of organisms based on antigen-antibody analysis. Enough for 30 students.	1	each
235	WLS-1775-47	TI-108 calculator; basic solar powered calculator	12	each
		SIGMA		
236	C5138-100mg	*Collagenase; 100 mgm WE WILL CALL FOR AS NEEDED	1	each
237	CYTOCOX1	*Cytochrome c oxidase assay kit WE WILL CALL FOR AS NEEDED	1	kit
238	H9269-1L	*Hanks. Balanced Salt Solution WE WILL CALL FOR AS NEEDED	1	each
239	P-9511	*3-sn-Phosphatidic acid sodium salt from egg yolk lecithin ≥98% (Sigma); 10 mgm. to be called for as needed	1	each
240	BP 1130-500	n-propanol, 500 ml bottles; 6 bottles / case	4	case
241	P-3556	*L-α-Phosphatidylcholine from egg yolk, Type XVI-E, ≥99% (TLC), lyophilized powder (Sigma); 25 mgm to be called for as needed		each
242	P-7943	*L-α-Phosphatidylethanolamine from egg yolk; Type III, ~98% (TLC), lyophilized powder (Sigma); 25 mgm. to be called for as needed	1	each
243	P-0639	*L-α-Phosphatidylinositol sodium salt from <i>Glycine max</i> (soybean); ≥99% (Sigma); 10 mgm. to be called for as needed	1	each
244	P0474	*L-α-Phosphatidyl-L-serine from <i>Glycine max</i> (soybean) ~98% (Sigma); 25 mgm. to be called for as needed	1	each
245	C-4129	*α-Chymotrypsin from bovine pancreas Type II, lyophilized powder, ≥40 units/mg protein (Sigma); 1 gm to be called for as needed	1	each
246	51651C	*Ham's nutrient mixture F12; 500ml / bottle, to be called for as needed	6	bottles
247	F2442	*Fetal bovine serum; 100 ml / bottle, to be called for as needed	7	bottles

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248	15006-50mg	IgG from rabbit serum, reagent grade, ≥95% (SDS-PAGE), essentially salt-free, lyophilized powder, 50 mg	1	each
249	G7513	*L-glutamine solution; 250ml per bottle, <u>to be called for as needed</u>	5	bottles
250	T4049	*Trypsin-EDTA solution; 100 ml per bottle, <u>to be called for as needed</u>	5	bottles
256	A6154-1ml	*Anti-Rabbit IgG (whole molecule) Peroxidase antibody produced in goat, affinity isolated antibody, buffered aqueous solution, 1ml	1	each
THOMAS SCIENTIFIC				
251	240826	*Lyophilized Coagulase Plasma EDTA (rabbit), 15 ml per vial; 10 vials per box; used for Staphylococcus coagulase testing <u>WE WILL CALL FOR AS NEEDED</u>	5	pkg
VWR SCIENTIFIC				
252	VWR90005-158	*Bile Esculin Agar, 500 grams; <u>must have expiration date over 24months; DF0879-17-9</u>	1	btl
253	90003-186	*Staph Latex Test Kit, 100 test per pkg <u>WE WILL CALL FOR AS NEEDED</u>	5	pkg
254	BuLP010-4	*Acetone; laboratory Plus Grade; 4 liter amber btls; 4 btls/case, <u>to be called for as needed</u>	1	case
255	29952-051	Foil, Aluminum; Heavy Duty 0.001" thick 18" x 25' long roll pkg of 4 rolls	4	pkg
256	28446-006	Grade 740E special-Purpose Filter Paper, S&S; pure cotton linter used in antibiotic assays; 1.27cm diameter (1/2"); box of 1000 discs	2	pkg
257	BB4312526	Gram crystal violet stain 1 gal	2	gal
258	BB4312532	Gram safranin counter stain 1 gal	2	gal
259	71001-980	MacConkey Agar, 500 grams; <u>Must have an expiration date of 18 months or more</u>	1	btl
260	25372-100	Petri plates disposable Falcon #1029 100mm x 15mm 500/case disposable sterile	20	case
261	60720-300	pHydrion QT-10 test strip; 100 per pkg	2	pkg
262	WLS6521	Precision Range pH Test Papers ;pH 1.0 to pH 14.0 range; plastic strips 100 strips/package	20	pkg
263	56614-424	SoftCide Extra-Mild Hand Soap;refill gallon jug; case of 4 one gallon jugs	2	case
WARD'S NATURAL SCIENCE				
264	456-1093EDU	4-20% MiniPROTEAN gel TGX Precast Gel, Pkg of 10,(Polyacrylamide)	2	pkg
265	85W1612	*Alcaligenes faecalis, (FDNM) <u>WE WILL CALL FOR AS NEEDED</u>	1	each
266	85W4100	*Aspergillus niger <u>WE WILL CALL FOR AS NEEDED</u>	1	tube

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VENDOR NAMES FOR REFERENCE PURPOSES ONLY				
267	85W0200	*Bacillus cereus <u>WE WILL CALL FOR AS NEEDED</u>	1	tube
268	85W0033	*Enterobacter aerogenes <u>WE WILL CALL FOR AS NEEDED</u>	1	tube
269	85W0400	*Escherichia coli <u>WE WILL CALL FOR AS NEEDED</u>	1	tube
270	86W6900	*Geranium plants, living in a pot. Size:6-8" <u>WE WILL CALL FOR AS NEEDED</u>	24	each
271	86W4200	*Marchantia, living piece 8.9 by 11.4cm <u>WE WILL CALL FOR AS NEEDED</u>	10	each
272	85W0966	*Micrococcus luteus <u>WE WILL CALL FOR AS NEEDED</u>	1	tube
273	87W2800	*Mixed nematodes, living culture - class of 25 <u>WE WILL CALL FOR AS NEEDED</u>	12	each
274	85W1167	*Mycobacterium smegmatis , tube slant <u>WE WILL CALL FOR AS NEEDED</u>	1	each
275	86W4360	*Polytrichum-moss with antheridia archeogonia or sporophyte 3 1/2 by 4 1/2" portion <u>WE WILL CALL FOR AS NEEDED</u>	12	each
276	85W1695	*Proteus mirabilis, freeze-dried <u>WE WILL CALL FOR AS NEEDED</u>	1	each
277	85W1171	*Proteus vulgaris <u>WE WILL CALL FOR AS NEEDED</u>	1	tube
278	85W1173	*Pseudomonas aeruginosa <u>WE WILL CALL FOR AS NEEDED</u>	1	tube
279	85W0912	*Rhodospirillum rubrum, red pigment, photosynthetic, living culture <u>WE WILL CALL FOR AS NEEDED</u>	3	each
280	85W0997	*Serratia marcescens, living culture <u>WE WILL CALL FOR AS NEEDED</u>	1	each
281	85W1178	*Staphylococcus aureus, coagulase positive <u>WE WILL CALL FOR AS NEEDED</u>	1	tube
282	85W1035	*Staphylococcus epidermidis <u>WE WILL CALL FOR AS NEEDED</u>	1	tube
283	85W1100	*Streptococcus faecalis <u>WE WILL CALL FOR AS NEEDED</u>	1	tube
284	86W6825	*White variegated coleus. Dicot. Excellent for showing the absence of photosynthesis in white areas. Size:5-8" <u>WE WILL CALL FOR AS NEEDED</u>	24	each
285	166-0742	*50X TAE electrophoresis buffer; 100 ml Bio-Rad <u>WE WILL CALL FOR AS NEEDED</u>	4	each
286	36W5519	Alcohol pads, sterile; package of 200	6	pkg
287	15W2500	Bibulous paper; staple bound booklets of 50 sheets; size: 4" by 6".	10	pkg
288	69W7172	Bovine spinal cord; 3-4" in length; jar of 10 in liquid	300	jar
289	15W4690	Colored pencils; assorted colors 12/package	24	pkg
290	15W9863	Cotton string. 1/2 lb. Spool	2	each

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VENDOR NAMES FOR REFERENCE PURPOSES ONLY				
291	15W1071	Disposable latex gloves; pre-powdered for easy fit; pkg. of 100; medium	150	pkg
292	15W1070	Disposable latex gloves, pre-powdered for easy fit; pkg. of 100; small	100	pkg
293	15W2083	Eppendorf Digital pipettes; digital display, adjustable volume, simple calibration and maintenance; 10-100 ul capacity, must be eppendorf	2	each
294	15W2084	Eppendorf Digital pipettes; digital display, adjustable volume, simple calibration and maintenance; .5u - 10ul capacity must be eppendorf	2	each
295	15W2085	Eppendorf Digital pipettes; digital display, adjustable volume, simple calibration and maintenance; 100-1000ul capacity must be eppendorf	2	each
296	389000	*Fast Blast Stain: A nontoxic alternative to ethidium bromide, Fast Blast stains DNA deep blue in both agarose and polyacrylamide gels, providing clear, consistent results. Fast Blast dye molecules are positively charged and, when placed in an agarose gel, will migrate toward the negative electrode during electrophoresis, providing a strong and inexpensive visual demonstration of the movement of molecules during electrophoresis. Stain DNA in agarose gels after electrophoresis in less than 15 minutes or overnight. Fast Blast DNA stain is packaged as 100 ml of a 500x concentrate that must be diluted before use. WE WILL CALL FOR AS NEEDED	1	each
297	17W1145	Flint Glass Pasteur-Type Pipets, ungraduated 5 3/4" pipets; package of 250	2	pkg
298	166-0005EDU	*Green Fluorescent Protein Chromatography Kit, will call for as needed	1	each
299	25W7511	Gro-Lux Fluorescent Replacement tube 48", 40W	1	each
300	69W5622	Jumbo Fetal pigs, 13" and over; preserved in Wardsafe. Double injected to show arteries and veins	100	each
301	15W1077	Latex-free disposable gloves; these powdered vinyl gloves provide the same fit and protection as latex gloves. Non sterile; package of 100; large	80	pkg
302	15W1076	Latex-free disposable gloves; these powdered vinyl gloves provide the same fit and protection as latex gloves. Non sterile; package of 100; medium	100	pkg
303	15W8250	Lens Paper Booklet; soft, dust-free tissue stapled in a booklet of 50 sheets 4" by 6"	100	each
304	38W0391	Mannitol Salt Agar; 500 grams must have expiration date over 24 months	6	btl
305	38W0611	Mueller Hinton Agar; 500 grams per btl : Must have expiration date over 24 months	3	btl
306	15C7562	Pail opener. This convenient, sturdy reinforced plastic tool is essential for your dissection labs. Simply fit it under the rim of a plastic specimen pail and lift to open any pail quickly and easily. With finger grips for comfort and control. Size: 8 1/2"L.	2	each
307	69W7272	Pig ovaries, preserved, jar of 10; MUST BE IN LIQUID	1	jar
308	18W6976	Polyethylene clear bags for dustfree storage 6" by 12" 100 per pack	1	pkg

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VENDOR NAMES FOR REFERENCE PURPOSES ONLY					
309	69W7351	Preserved pig kidney, triple injected	200	each	
310	63V0495	Psilotum, preserved in liquid; 10 per jar	1	jar	
311	36-6072	Winogradsky Column Kit contains calcium sulfate, calcium carbonate, 2 columns with stoppers, and instructions	6	each	
312	15W1159	Red wax marking pencils	12	each	
313	36W0034	Refill kit for Ward's Simulated ABO and Rh Blood Typing Activity kits	10	kit	
314	166-5025EDU	*Sequencing and Bioinformatics Module: Eighth module in Cloning and Sequencing Explorer Series classroom study kit, includes primers, plasmid, barcoded 96-well plate, test tubes, curriculum, and more, for 12 workstations <u>will call for as needed</u>	4	kit	
315	69W7292	Sheep larynx, preserved, pkg of 10; <u>MUST BE IN LIQUID</u>	5	pkg	
316	68W2804	Southern Crayfish, Large 4-6" Plain preserved <u>in liquid</u> ; 100 per pail	2	pail	
317	68W7692	Starfish, plain preserved: giant 8" and over. Pail of 10; <u>MUST BE IN LIQUID</u>	20	pail	
318	14E3509	Superfrost microscope slides no need for labels white coating on one edge that is easy to mark and read. 3" by 1" 1.2mm thick in 1/2 gross box	150	box	
319	37V0556	*Sybr Safe DNA stain ; 10,000X. An ultra sensitive DNA stain that is safe for classroom use, SYBR Safe lets you see results in as little as 10 minutes. This stain is as sensitive as ethidium bromide (500pg/band at 200bp or higher) and its non-mutagenic. 10,000 X concentrate can be diluted in distilled water to make 750 ml of 1X stain. A UV transilluminator, required, available separately. <u>will call for as needed</u>	2	each	
320	15V1829	The pressure-sensitive labels are chemically resistant, stick to almost any surface, and can be marked with any writing instrument. Size: 1 7/8"L x 7/8"W. Roll of 500 labels.	1	roll	
321	25W4930	Tungsten Microscope Bulb, 15W, 120V; wide base	12	each	
322	14V6610	Two Point Touch Discriminator. Two sturdy plastic wheels joined together have tips spaced at standard testing intervals. The unit comes with instructions and a protective carrying case. Size: 2 1/2" dia.	6	each	
323	15V2223	VWR Tip Reload System, 1-200 µL, Racked (10 boxes x 96). These comprehensive systems feature tips with a transparent, thin wall plastic design in a universal tip that fits most brands of micropipets. Tips are RNase/Dnase and DNA free and available in three configurations. All racks include a lid lip for stable stacking and a flip lock for easy open and close. The 96 well multi-channel format rack includes 10 racks of 96 per pack. The reloading operation features sleeve alignment which orients loading for a perfect fit every time. The tongue and groove format keeps insert securely fastened while applying tips and the tall clip makes the insert easy to handle without touching tips with your hand. The 96 well, multi-channel format includes five inserts of 96 tips per stack and two stacks per pack. Total of 960 tips/case	8	cases	

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<p>VENDOR NAMES FOR REFERENCE PURPOSES ONLY</p>					
324	15V2220	<p>VWR Tip Reload System, 0.1-10 µL, Racked (10 x 96). These comprehensive systems feature tips with a transparent, thin wall plastic design in a universal tip that fits most brands of micropipets. Tips are RNase/Dnase and DNA free and available in three configurations. All racks include a lid lip for stable stacking and a flip lock for easy open and close. The 96 well multi-channel format rack includes 10 racks of 96 per pack. The reloading operation features sleeve alignment which orients loading for a perfect fit every time. The tongue and groove format keeps insert securely fastened while applying tips and the tall clip makes the insert easy to handle without touching tips with your hand. The 96 well, multi-channel format includes five inserts of 96 tips per stack and two stacks per pack. Total of 960 tips/case</p>	3	each	
325	15V2226	<p>VWR Tip Reload System, 100-1250 µL, Racked (10 x 96). These comprehensive systems feature tips with a transparent, thin wall plastic design in a universal tip that fits most brands of micropipets. Tips are RNase/Dnase and DNA free and available in three configurations. All racks include a lid lip for stable stacking and a flip lock for easy open and close. The 96 well multi-channel format rack includes 10 racks of 96 per pack. The reloading operation features sleeve alignment which orients loading for a perfect fit every time. The tongue and groove format keeps insert securely fastened while applying tips and the tall clip makes the insert easy to handle without touching tips with your hand. The 96 well, multi-channel format includes five inserts of 96 tips per stack and two stacks per pack. Total of 960 tips/case</p>	3	cases	
326	813302	<p>Altay Reflex Arc Model. Ideal for illustrating the complete nerve impulse path involved in a reflex, this one piece model provides a comprehensive view of the reflex arc — from the receptors inside the skin (enlarged 100X), through the sensory neuron, to the spinal cord (enlarged 6X) then back through the motor neuron to the enervated skeletal muscle tissue (life-sized). The base mounted model also offers stability and durability. Included key identifies five structures. Size: 20 1/8"W x 15"H x 2"D.</p>	1	each	
327	815082	<p>Altay Human Cranial layers Model. This model shows the stratification of the human cranium, revealing details of internal structures from the skin to the cerebral white matter</p>	1	each	
328	456-1036EDU	<p>*10% Mini-Protean TGX Precast Gel, will call for as needed</p>	5	packs	

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<p>VENDOR NAMES FOR REFERENCE PURPOSES ONLY</p>					
329	BioRad # 166-5035 EDU	<p>*BioFuel Enzyme Kit: Reveal the power of enzyme kinetics by illustrating their function through the real-world application of biofuel production. This kit allows students to measure the enzymatic activity of cellobiase (part of the cellulase family) and identify the optimal conditions for the enzyme. The reaction of cellobiase breaking down cellobiose is important in the process of making cellulosic ethanol, which is an efficient, more sustainable fuel to replace petroleum. Students test and calculate the conversion rate of a sugar substrate (p-nitrophenyl glucopyranoside) to p-nitrophenol and glucose in the presence or absence of cellobiase. One complete 45-minute core activity plus five additional enrichment activities enable instructors to tailor coursework across several disciplines at a variety of levels.</p> <p>Kit includes materials for eight student workstations with 2-4 students per group. Aligns with AP Biology Big Idea 4. Includes Teacher's Guide, Student Manual, and Graphic Quick Guide. <u>will call for as needed</u></p>	1	kits	
330	365202	<p>*Bio-Rad pGLO™ Bacterial Transformation Kit (#166-00035 EDU) Renowned as a premier name in biotechnology education, Bio-Rad Laboratories offers research-level lab activities that are easily accessible to high school and college students</p> <p>In the pGLO bacterial transformation kit, students transform bacteria with a gene from a bioluminescent jellyfish to express a new protein, green fluorescent protein (GFP). They can turn the genes on and off to study gene regulation. This same procedure is used for creating "designer proteins" and has led to the explosion of new medicines, agricultural applications, and environmental solutions. Aligned with AP Biology Lab 6, this lab can be completed in two 45 minute lab sessions. Includes materials for eight setups. <u>MUST BE BIO RAD; WE WILL CALL FOR AS NEEDED</u></p>	5	kit	
331	166-0013EDU	<p>*Bio-Rad pGLO™ SDS -PAGE Extension Kit, <u>will call for as needed</u></p>	1	each	
332	737-1032	<p>Econo-Column® Chromatography Columns, 1.0 x 30 cm - Pkg of 2, 1.0 x 30 cm, glass chromatography column, max. vol. 24 ml, cross-sectional area 0.79 cm2, for use in low-pressure chromatography</p>	2	pkgs Of	
333	738-0015	<p>Flow adapter- Pkg of 1, 1.0 cm column ID, 1-14 cm functional length, for use with Econo-Column chromatography columns</p>	2	each	
334	731-0003	<p>Pkg of 5, 250 ml, funnels for packing columns, works with Econo-Column chromatography (up to 2.5 cm ID), Poly-Prep and Econo-Pac columns</p>	1	pkgs	
335	912501	<p>Saccharomyces Budding Cells (wm) 1h & og</p>	24	each	
336	166-2400EDU	<p>ELISA Immuno explorer Kit</p>	2	each	
337	166-0008EDU	<p>Size exclusion chromatography kit</p>	1	each	

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"WILL CALL FOR AS NEEDED" items should not be shipped upon receipt of purchase orders. On these items Biology Lab Coordinator will call to release these items during the fiscal year July 1, 2014-June 30, 2015 only as needed.			
VENDOR NAMES FOR REFERENCE PURPOSES ONLY			
338	166-2850EDU	Comparative Proteomics Kits 1 & 2, Protein profile module and western blot module	2 each
		ABCAM	
339	ab119740	Mitochondrial isolation kit	1 each
340	ab110168	GFP protein (Active). 100ug	1 each
341	ab84191	GFP protein (His tag). 20ug	1 each
342		Modern Biology	
343	IND-22	*Characterization of peroxidase in plants will call for as needed	1 each
344	Exp-703	*Cell Nucleus will call for as needed	1 each

FIRM NAME:

REPRESENTATIVE:

SIGNATURE:

ADDRESS:

E-MAIL:

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