

	A	B	C	D	E	F	G	H	I	J	K	L	M
1		BLI Electronics&Robotics course - Materials list for class of 25 students											
2		Item#	Item	Part #	Vendor	URL	needed	Qty ord	Unit Cost	Total Cost	cost for next class of 24	cost if all purchased for a new class	
3		Materials, general classroom and project											
4	v		have some masking tape				6 rolls						
5		opt	pencils				12						
6	v	opt	colored pencils				2 sets						
7	?	have 2	Duct Tape, 60' roll	468389	Staples		2	0	5.00	\$0.00	\$10.00	\$10.00	
8	v	opt	ZipLoc style bags for small parts							\$0.00		\$0.00	
9	v		Ziploc style bags - 2.5 gallon, 3 packs of 12	B00FDM8FSO	Amazon	https://www.amazon.com/gp/product/B00FDM8FSO	1	1	18.99	\$18.99	\$18.99	\$18.99	
10			construction foam, 5-1/2-Inch-by-8-1/2-Inch, 50-Pack, Rainbow ColorsAmazon	B00284NN82	Amazon	http://www.amazon.com/Foam-Sheets-2-Inch--2-Inch-50-Pack-F	1	0	9.40	\$0.00	\$9.40	\$9.40	
11	v		Pipe cleaners, assorted colors, 100/pk	420511	Kelvin		1	1	2.95	\$2.95	\$2.95	\$2.95	
12	v		Eyes, assorted sizes, 100/pk	420500	Kelvin		1	0	5.95	\$0.00	\$5.95	\$5.95	
13	ord		Origami paper, assorted colors, 6" x 6", 200 shts	B0716VPW9V	Amazon	https://www.amazon.com/gp/product/B0716VPW9V	1	1	7.99	\$7.99	\$7.99	\$7.99	
14	v		feathers	420501	Kelvin		1	1	1.95	\$1.95	\$1.95	\$1.95	
15	v		Corrugated plastic	750100	Kelvin		1	1	39.95	\$39.95	\$39.95	\$39.95	
16	v	have 2	Glue sticks for hot glue guns, low temp, 100/pk	B003JZII34	Amazon	http://www.amazon.com/Surebonder-DT-100-Sticks-All-Tempera	3	0	7.20	\$0.00	\$21.60	\$21.60	
17													
18		tools for construction											
19	v	have	scissors				8						
20		have	Utility snips	480009	Kelvin		8	0	3.65	\$0.00		\$29.20	
21	v	have	sharpies - colored				4						
22		need new	craft knives				12		2.00		\$24.00		
23		have	rulers, cork back				12						
24		have	Cutting mat, self-healing, 12" x 18"	B00L5I8RJC	Amazon	http://www.amazon.com/gp/product/B00L5I8RJC	12	0	12.71	\$0.00		\$152.52	
25	bring	borrow	Paper cutter, 12" Guillotine style, X-Acto	818674	Staples		1	0	42.49	\$0.00		\$42.49	
26		have 12	Glue guns, low temp	920041	Kelvin		10	0	4.45	\$0.00		\$44.50	
27													
28													
29		Electronics Materials											
30		have	Wire, hook-up kit, solid 22 awg, 6 color, 100'				1		39.95				
31		need	Wire, hook-up kit, stranded, 22 awg, 6 color, 100'	2206272	Jameco		1	0	39.95	\$0.00	\$39.95	\$39.95	
32	borro	borrow	Small parts Drawers+Cabinet, 20x16x6.5	9619T75	McMasterCarr		1	0	32.12	\$0.00		\$32.12	
33			Alligator clips, 14", multicolor, 10 pk	RB-lbo-198	robotshop.us			0	5.59	\$0.00		\$0.00	
34	ord	have	Alligator clips, 20", multicolor, 20 pk	B06XDM8BY1	Amazon	https://www.amazon.com/gp/product/B06XDM8BY1	3	3	9.89	\$29.67		\$29.67	
35	v	need	Piezo buzzer	680089	Kelvin		25	25	1.15	\$28.75	\$28.75	\$28.75	
36	v	have	bulb holder, E10, 10/pk	250036	Kelvin		4	4		\$0.00		\$0.00	
37	v	have	bulbs, E10 base, red, 10/pk	260138	Kelvin		2	2	3.25	\$6.50		\$6.50	
38	v	have	bulbs, E10 base, yellow, 10/pk	260139	Kelvin		2	2	3.25	\$6.50		\$6.50	
39	v	have	bulbs, E10 base, green, 10/pk	260140	Kelvin		2	2	3.25	\$6.50		\$6.50	
40	v	have	LED Red, T 1-3/4	260020	Kelvin		100	0	0.05	\$0.00		\$5.00	
41	v	have	LED Yellow, T 1-3/4	260026	Kelvin		100	0	0.08	\$0.00		\$8.00	
42	v	have	LED Green, T 1-3/4	260027	Kelvin		100	0	0.08	\$0.00		\$8.00	
43	v	need	Potentiometer, rotary, 500 ohm	110051	Kelvin		25	25	1.05	\$26.25	\$26.25	\$26.25	
44	v	need	slide switch, SPDT	270002	Kelvin		25	25	0.72	\$18.00	\$18.00	\$18.00	
45	v	need	slide switch, SPST	270004	Kelvin		25	25	0.63	\$15.75	\$15.75	\$15.75	
46	ord	need better	Resistor assortment, Elegoo	B072BL2VX1	Amazon	https://www.amazon.com/gp/product/B072BL2VX1	1	1	10.86	\$10.86	\$10.86	\$10.86	
47	MIT	need more	LEDs 300pcs 3mm 5mm 5 colors	B010UIW82E	Amazon	https://www.amazon.com/gp/product/B010UIW82E	2	2	12.99	\$25.98	\$25.98	\$25.98	
48	ord	need	AA Batteries, 144 count	B00448FIL0	Amazon	https://www.amazon.com/gp/product/B00448FIL0	2	1	46.37	\$46.37	\$92.74	\$92.74	
49	ord		AA Batteries, 60 count		HomeDepot		0	1	19.97	\$19.97		\$0.00	

