

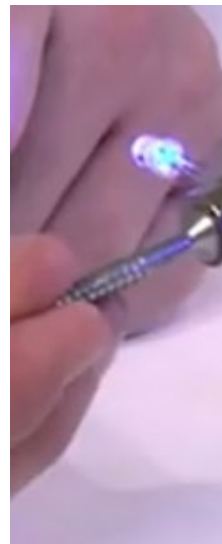
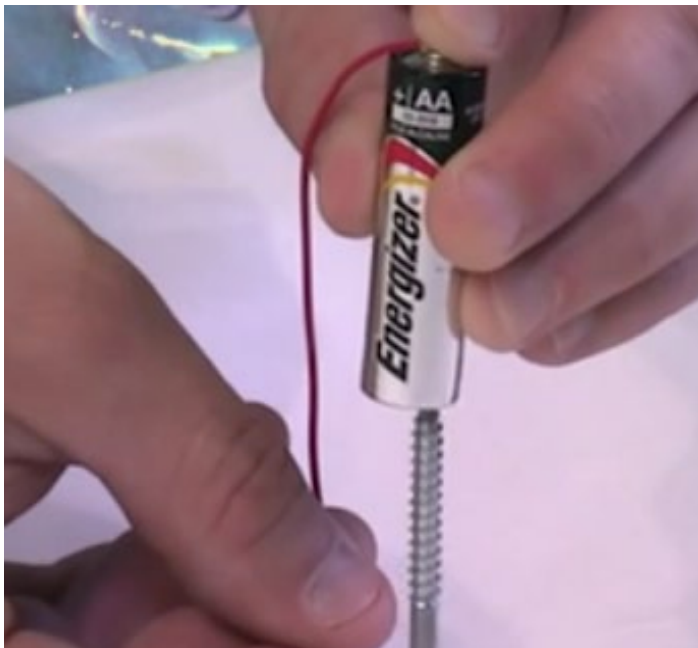
Class size

50

Part	Quantity Per Motor	Total Quantity Needed for Class
AA battery	1	50
1" Wood Screw	1	50
Neodymium Magnets	1	50
Watch battery	1	50
Red LEDs	1	50
Green LEDs	1	50
22 AWG wire	5 inches	250
bags for parts	1	50
wire strippers	1	8
bags for educational handouts from workshop		

Theoretical cost of parts per student

<https://www.youtube.com/watch?v=Ux-QGhbjOAO>



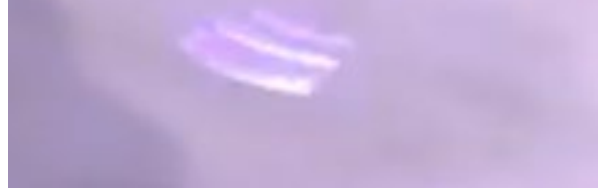


Price Per Student	Qty per package	desired # packages to order	Total price	Link
0.53	24	3	39.93	<a href="https://www.">https://www.</a>
0.0522	100	1	5.22	<a href="https://www.">https://www.</a>
0.46	1	70	32.2	<a href="http://www.r">http://www.r</a>
0.4396	50	2	21.98	<a href="https://www.">https://www.</a>
0.0657	100	1	6.57	<a href="https://www.">https://www.</a>
0.0663	100	1	6.63	<a href="https://www.">https://www.</a>
0.3325	25 ft	1	19.95	<a href="https://www.">https://www.</a>
0.03	280	1	8.54	<a href="https://www.">https://www.</a>
	1	16	107.2	<a href="https://www.">https://www.</a>
0.1873	100	1	18.73	<a href="https://www.">https://www.</a>

1.9763
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Total Cost	266.95
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[amazon.com/Energizer-Max-Premium-Batteries-Alkaline-E91BP-24/dp/B004U429AQ/ref=sr\\_1\\_8](https://amazon.com/Energizer-Max-Premium-Batteries-Alkaline-E91BP-24/dp/B004U429AQ/ref=sr_1_8)  
[amazon.com/Hillman-Group-40021-Phillips-100-Pack/dp/B000BQQ3KE/ref=sr\\_1\\_4?ie=UTF8&qid=1504654](https://amazon.com/Hillman-Group-40021-Phillips-100-Pack/dp/B000BQQ3KE/ref=sr_1_4?ie=UTF8&qid=1504654)  
[magnet4sale.com/n35-1-2x1-4-neodymium-rare-earth-disc-magnet/](https://magnet4sale.com/n35-1-2x1-4-neodymium-rare-earth-disc-magnet/)  
[amazon.com/DODOLIGHTNESS-Battery-Lithium-CR2032-Batteries/dp/B01NCTAC76/ref=sr\\_1\\_15](https://amazon.com/DODOLIGHTNESS-Battery-Lithium-CR2032-Batteries/dp/B01NCTAC76/ref=sr_1_15)  
[amazon.com/Chanzon-100pcs-Emitting-Assorted-Arduino/dp/B01AUI4WC8/ref=sr\\_1\\_5?ie=UTF8&qid=1504654](https://amazon.com/Chanzon-100pcs-Emitting-Assorted-Arduino/dp/B01AUI4WC8/ref=sr_1_5?ie=UTF8&qid=1504654)  
[amazon.com/Chanzon-100pcs-Emitting-Assorted-Arduino/dp/B01AUI4VVA/ref=sr\\_1\\_5?ie=UTF8&qid=1504654](https://amazon.com/Chanzon-100pcs-Emitting-Assorted-Arduino/dp/B01AUI4VVA/ref=sr_1_5?ie=UTF8&qid=1504654)  
[amazon.com/Electronix-Express-Hook-Wire-Solid/dp/B00B4ZRPEY/ref=sr\\_1\\_3?ie=UTF8&qid=1504654](https://amazon.com/Electronix-Express-Hook-Wire-Solid/dp/B00B4ZRPEY/ref=sr_1_3?ie=UTF8&qid=1504654)  
[amazon.com/Ziploc-Snack-Bags-280-Count/dp/B00MR1TK4C/ref=sr\\_1\\_1?ie=UTF8&qid=1504654](https://amazon.com/Ziploc-Snack-Bags-280-Count/dp/B00MR1TK4C/ref=sr_1_1?ie=UTF8&qid=1504654)  
[amazon.com/Eclipse-CP-301G-Proskit-Precision-Stripper/dp/B005JVJDIA/ref=sr\\_1\\_5?s=power-h](https://amazon.com/Eclipse-CP-301G-Proskit-Precision-Stripper/dp/B005JVJDIA/ref=sr_1_5?s=power-h)

[amazon.com/Packstash-FROSTED-Semi-Transparent-Merchandise-Shopping/dp/B00SHX9MCE/ref=sr\\_1\\_1?ie=UTF8&qid=1504654](https://amazon.com/Packstash-FROSTED-Semi-Transparent-Merchandise-Shopping/dp/B00SHX9MCE/ref=sr_1_1?ie=UTF8&qid=1504654)





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