



Equipment and Supplies List

EV3 LEGO Materials- Option #1**

Purchase EV3 kit with some additional bulk packs

This setup is for one class period. You could either purchase but the equipment for each class period (to allow for maximum amount of LEGO building experience) or reuse the equipment for each class period (however you may limit brake builds).

Item Number	Item	Quantity	Sets per class	Total per class	Quantity in bulk pack	Bulk packs needed	Price/ Unit	Price/needs
991409	<i>EV3 8 pack/soft</i>	10	1	1	1	1	\$1728.95	1728.95
5003400	<i>EV3 2 sets</i>	2	2	2	1	1	\$339.95	\$679.90
5003191	RIM WIDE 18x14 W. CROSS Ø4.8	4	10	40	5	8	\$25.00	\$200.00
5003217	Balloon Tires	4	10	40	4	10	\$12.00	\$120.00
4542576	TECHNIC 15M BEAM	1	10	40		10	0.45	\$7.20
4210753	TECHNIC ANG. BEAM 3X5 90 DEG.	4	10	40		-	0.30	\$12.00
4210667	TECHNIC ANG. BEAM 4X2 90 DEG	5	10	50		-	0.30	\$15.00
5003122	CONNECTOR PEG W. FRICTION	29	10	290	100	3	\$10.00	\$30.00
5003129	CROSS AXLE 12M	1	10	10	50	1	\$10.00	\$10.00
	<i>weight block</i>	You will have to pull this from a LEGO energy kit or use another type of weight on the LEGO vehicle						
							Total Cost	\$2803.05

**Assuming 30 students with 10 groups

italics = used in Unit 1 & 2

Blue Shaded: - Purchase pieces from spare parts and accessories or classroom packs on the website: <https://education.lego.com/>

Yellow Shaded: Purchase pieces from Pick a Brick on the website: <http://shop.lego.com/>
(Pick a Brick located in quick links)