



## Equipment and Supplies List

### LEGO Materials: Option #1\*\*\*

Purchase NXT 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	10pack NXT	10	1	1	1	1	\$2,916.95	\$2,916.95
4542576	TECHNIC 15M BEAM	4	10	40	5	8	\$12.00	\$96.00
4495931	TECHNIC 7M BEAM	1	10	10	5	2		
4210753	TECHNIC ANG. BEAM 3X5 90 DEG.	7	10	70	5	14	\$12.00	\$168.00
4210667	TECHNIC ANG. BEAM 4X2 90 DEG	5	10	50	5	10		
4121715	CONNECTOR PEG W. FRICTION	29	10	290	100	3	\$10.00	\$30.00
370826	CROSS AXLE 12M	1	10	10	50	1	\$10.00	\$10.00
4490127	RIM WIDE 18x14 W. CROSS Ø4.8	4	10	40	5	8	\$25.00	\$200.00
4297210	RIM WIDE W.CROSS 30x20	4	10	40	5	8		
	weight block	2	10	20	1	20		\$0.00
							Total Cost	<b>\$3,420.95</b>

\*Assuming 30 students with 10 groups

\*\* 5 classes

\*\*\*: Recommended if only completing Unit 1

*italics = used in Unit 1 & 2*