



Equipment and Supplies List

LEGO Materials: Option #2

One class set of vehicles and extra brake assemblies

This would have one set of trucks and cars (reused with all class periods) and the a separate set of brakes for 5 class periods

	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
For set of 10 trucks and cars	4542576	TECHNIC 15M BEAM	3	10	30	5	6	\$12.00	\$72.00
	4495931	TECHNIC 7M BEAM	1	10	10	5	2		\$0.00
	4210753	TECHNIC ANG. BEAM 3X5 90 DEG.	3	10	30	5	6	\$12.00	\$72.00
	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 weight block	4	10	40	5	8		\$0.00
For set of 10 brake attachments times 5 class periods	4542576	TECHNIC 15M BEAM	1	50	50	5	10		\$0.00
	4210067	TECHNIC 5M BEAM	4	50	200	5	40	\$12.00	\$480.00
	4210751	TECHNIC 3M BEAM	2	50	100	5	20		\$0.00
	4210753	TECHNIC ANG. BEAM 3X5 90 DEG.	2	50	100	5	20		\$0.00
	4210667	TECHNIC ANG. BEAM 4X2 90 DEG	9	50	450	5	90	\$12.00	\$1,080.00
	4121715	CONNECTOR PEG W. FRICTION	29	50	1450	100	15	\$10.00	\$150.00
	4514553	CONNECTOR PEG W. FRICTION 3M	12	50	600	100	6	\$10.00	\$60.00
	370526	CROSS AXLE 4M	1	50	50	50	1	\$10.00	\$10.00
	4211775	CROSS BLOCK 90°	2	50	100	50	2	\$10.00	\$20.00
								Total Cost	\$5,070.95

*Assuming 30 students with 10 groups

** 5 classes

***: Recommended if only completing Unit 1

italics = used in Unit 1 & 2