



Advanced Manufacturing & Prototyping Integrated to Unlock Potential

Challenge Materials List

Experimental Design 6th Grade Math “Some Assembly Required” Packaging Challenge

This material list provides supplies to accommodate 5 class periods of 35 students each.

Please be sure to review the teacher’s edition for more detailed material descriptions.

Other Classroom Materials may already be present in classroom or replaced with similar items at teacher’s discretion.

	Item	Source of Purchase	Item #	Item Description & Suggested Purchase Link	Qty	Price per item*	Total per item
Required Classroom Materials	Canisters <i>(10 canisters per teacher = 10 for procedure 1 canister)</i>	Amazon	N/A	Food Storage Containers with Lids https://amzn.to/2E0Z4GU	1	\$16.95	\$16.95
	Nuts & Bolts <i>(640 nuts & bolts per teacher = 320 for each procedure)</i>	Amazon	N/A	Grip Nut & Bolt Assortment (Pack of 240) https://amzn.to/2SG8g2Q	3	\$13.99	\$41.97
	Drywall Anchors <i>(1280 anchors per teacher = 640 for each procedure)</i>	Amazon	N/A	Wall Anchor Assortment Storehouse (Pack of 220) https://amzn.to/2XcjEvl	6	\$8.95	\$53.70
	Picture Hanging Hooks <i>(1280 hooks per teacher = 640 for each procedure)</i>	Amazon	N/A	Picture Hangers (Pack of 100) https://amzn.to/2DlwYol	13	\$12.95	\$168.35

Estimated Cost* per Teacher for Required Materials: \$280.97

**Price in 2019. Prices Subject to Change.*

	Item	Quantity for 1 Teacher Set
Other Classroom Materials	Gallon Size Ziploc Bags	20
	Sandwich Size Ziploc Bags	370
	Snack Size Ziploc Bags	960
	Sorting Trays	1 per group