



Advanced Manufacturing & Prototyping Integrated to Unlock Potential

## 6<sup>th</sup> Grade Math Data-Driven Decision Making “Sweet Machines” Automated Packaging Challenge Materials List

*This material list provides supplies to accommodate five class periods of thirty-five students each.  
Please be sure to review the teacher’s edition for more detailed material descriptions.*

Item	Source of Purchase	Item #	Item Description	Qty	Price per item	Total per item
4X6 Uline Ziploc Bags <i>(50 bags for each of the four candy colors, 1 class set = 200 bags)</i>	Amazon	N/A	Plymor 4" x 6", 2 Mil Zipper Reclosable Plastic Bags (200 bags per pkg) <a href="https://www.amazon.com/Plymor-Pack-Zipper-Reclosable-Plastic/dp/B0194CUZZY/ref=sr_1_4?ie=UTF8&amp;qid=1495569763&amp;sr=8-4&amp;key">https://www.amazon.com/Plymor-Pack-Zipper-Reclosable-Plastic/dp/B0194CUZZY/ref=sr_1_4?ie=UTF8&amp;qid=1495569763&amp;sr=8-4&amp;key</a>	1	\$4.60	\$4.60
Pink Candies (Bag #1) <i>(1 class set = 48 pink candies inside of 50 Ziploc bags = 2,400 pink candies total)</i>	Candy Warehouse	133804	Candy Flowers - Pink: 5LB Bag <a href="http://www.candywarehouse.com/products/pink-candy-flowers-5lb-bag/?Region=500">http://www.candywarehouse.com/products/pink-candy-flowers-5lb-bag/?Region=500</a>	2	\$19.50	\$39.00
Green Candies (Bag #2) <i>(1 class set = 48 green candies inside of 50 Ziploc bags = 2,400 green candies total)</i>	Candy Warehouse	131670	Candy Flowers - Green: 5LB Bag <a href="http://www.candywarehouse.com/products/green-sweet-tart-candy-flowers-5lb-bag/?Region=500">http://www.candywarehouse.com/products/green-sweet-tart-candy-flowers-5lb-bag/?Region=500</a>	2	\$19.50	\$39.00
Purple Candies (Bag #3) <i>(1 class set = 48 purple candies inside of 50 Ziploc bags = 2,400 purple candies total)</i>	Candy Warehouse	131393	Candy Flowers - Purple: 5LB Bag <a href="http://www.candywarehouse.com/products/purple-sweet-tart-candy-flowers-5lb-bag/?Region=500">http://www.candywarehouse.com/products/purple-sweet-tart-candy-flowers-5lb-bag/?Region=500</a>	2	\$19.50	\$39.00
Blue Candies (Bag #4) <i>(1 class set = 48 blue candies inside of 50 Ziploc bags = 2,400 blue candies total)</i>	Candy Warehouse	133805	Candy Flowers - Blue: 5LB Bag <a href="http://www.candywarehouse.com/products/blue-candy-flowers-5lb-bag/?Region=500">http://www.candywarehouse.com/products/blue-candy-flowers-5lb-bag/?Region=500</a>	2	\$19.50	\$39.00
Cardboard Trays <i>(1 class set= 10 card board trays for 10 groups)</i>	Uline	S-13340	Corrugated Trays - Kraft, 15 x 12 x 2" <a href="https://www.uline.com/Product/Detail/S-13340/Special-Use-Boxes/Corrugated-">https://www.uline.com/Product/Detail/S-13340/Special-Use-Boxes/Corrugated-</a>	10	\$0.54	\$5.40
Stop Watch <i>(1 class set= 12 stopwatches)</i>	Amazon	N/A	MyChron - Student Timers (Boxed 12-pack) <a href="http://www.amazon.com/gp/product/B009P8DUXW?psc=1&amp;redirect=true&amp;ref_ox_sc_act_title_1&amp;smid=A33J47MLSCOG3X">http://www.amazon.com/gp/product/B009P8DUXW?psc=1&amp;redirect=true&amp;ref_ox_sc_act_title_1&amp;smid=A33J47MLSCOG3X</a>	1	\$79.95	\$79.95
Food Serving Gloves <i>(1 class set= 1 box of 500 gloves)</i>	Amazon	N/A	500 BPA Free Disposable Poly PE Gloves Medium, Food Grade <a href="https://www.amazon.com/gp/product/B011PWB0U0/ref=oh_aui_detailpage_o00_s00?ie=UTF8&amp;psc=1">https://www.amazon.com/gp/product/B011PWB0U0/ref=oh_aui_detailpage_o00_s00?ie=UTF8&amp;psc=1</a>	1	\$9.99	\$9.99
Colored Pencils <i>(1 class set = 1 Box)</i>	Staples	433097	Crayola Classpack Colored Pencils (462-Box) <a href="http://www.staples.com/Pencil-Classpack-Colored-462-Box/product_433097">http://www.staples.com/Pencil-Classpack-Colored-462-Box/product_433097</a>	1	\$98.99	\$98.99
Labels for Ziploc Bags #1-4	Documents are included inside of the Materials folder. Labels are sized to be printed on Avery Label #5168.					

**Estimated Challenge Total Cost per Teacher: \$335.43**