



Advanced Manufacturing & Prototyping Integrated to Unlock Potential

## 7<sup>th</sup> Grade Math Experimental Design “It’s Game Time!” Board Game Piece 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
Cloth Tape Measures <i>(1 class set= 35 total)</i>	Amazon	N/A	Blisstime Tailor Sewing Flexible Ruler Tape Measure 60"150cm (Pack of 12) <a href="https://www.amazon.com/Blisstime-Tailor-Sewing-Flexible-Measure/dp/B00UFG1HXS/ref=sr_1_fkmr0_1?ie=UTF8&amp;qid=1495631165&amp;sr=8-1-fkmr0&amp;keywords=blisstime+taylor+sewing+flexible+ruler+tape+measure+60%22">https://www.amazon.com/Blisstime-Tailor-Sewing-Flexible-Measure/dp/B00UFG1HXS/ref=sr_1_fkmr0_1?ie=UTF8&amp;qid=1495631165&amp;sr=8-1-fkmr0&amp;keywords=blisstime+taylor+sewing+flexible+ruler+tape+measure+60%22</a>	3	\$5.80	\$17.40
6" Stainless Steel Ruler <i>(1 class set= 35 total)</i>	Staples	506030	Westcott® Stainless Steel Ruler, 6" with Non Slip Cork Base <a href="http://www.staples.com/Westcott-Stainless-Steel-Ruler-6-with-Non-Slip-Cork-Base-10414-/product_506030">http://www.staples.com/Westcott-Stainless-Steel-Ruler-6-with-Non-Slip-Cork-Base-10414-/product_506030</a>	35	\$3.79	\$132.65
6" calipers <i>(1 class set= 12 total)</i>	Amazon	N/A	Neiko 01407A Electronic Digital Caliper with Extra Large LCD Screen <a href="https://www.amazon.com/Neiko-01407A-Electronic-Digital-Caliper/dp/B000GSLKIW/ref=sr_1_fkmr0_1?ie=UTF8&amp;qid=1495631015&amp;sr=8-1-fkmr0&amp;keywords=seiko+01407A+electronic+digital">https://www.amazon.com/Neiko-01407A-Electronic-Digital-Caliper/dp/B000GSLKIW/ref=sr_1_fkmr0_1?ie=UTF8&amp;qid=1495631015&amp;sr=8-1-fkmr0&amp;keywords=seiko+01407A+electronic+digital</a>	12	\$14.97	179.64
4x6 Uline Ziploc Bags <i>(1 class set= 10 bags)</i>	Amazon	N/A	4" x 6" 4 Mil (Heavy Duty) Plymor Brand Zipper Reclosable Storage Bags (Pack of 100) <a href="https://www.amazon.com/Plymor-Zipper-Reclosable-Storage-DispenserBag/dp/B003ZZS4HS/ref=sr_1_1?ie=UTF8&amp;qid=1495633789&amp;sr=8-1&amp;keywords=Plymor+4%22+x+6%22%2C+100+Zipper+Reclosable+Plastic">https://www.amazon.com/Plymor-Zipper-Reclosable-Storage-DispenserBag/dp/B003ZZS4HS/ref=sr_1_1?ie=UTF8&amp;qid=1495633789&amp;sr=8-1&amp;keywords=Plymor+4%22+x+6%22%2C+100+Zipper+Reclosable+Plastic</a>	1	\$8.44	\$8.44
3D Parts <i>(Refer to Material Preparation Guide)</i>	3D part specifications and file is inside of the Materials folder			40	3D Printed	
Stickers <i>(Refer to Material Preparation Guide)</i>	Document is inside of the Materials folder <i>Recommended to be printed on white cardstock paper and cut</i>			2	Print	
Labels <i>(Refer to Material Preparation Guide)</i>	Document is inside of the Materials folder. Labels are sized to be printed on Avery Label #5168. There are three label documents to be printed to accommodate one label for each of the 10 ziploc bags.					
Material Preparation Guide	Document is inside of the Materials folder.					

**Estimated Challenge Total Cost per Teacher: \$338.13**