

## Middle School: Invention and Innovation

### Student Activity Materials Cost Breakdown

	Qty. Per Student	Qty. Per Class	Item	Size	Unit Price	Per Student Cost	Total Per Student Cost	Total Per Class Cost
<b>Unit 1</b>								
	1	20	Shaker Flashlight		\$7.250	\$7.25	<b>\$7.25</b>	<b>\$145.00</b>
<b>Unit 2</b>								
	1	20	Wood Block	1"x4"x7"	\$0.240	\$0.24		
	2	40	straws	1/16"	\$0.020	\$0.04		
	2	40	brass rod	1"x4 1/2"	\$0.360	\$0.72		
	2	40	drywall screws	1 1/4"	\$0.027	\$0.05		
	4	80	plastic wheels	1 1/2" diameter		\$0.00		
	1	20	wood block	1"x 3/4"x 3 1/4"	\$0.040	\$0.04		
							<b>\$1.09</b>	<b>\$21.88</b>
<b>Unit 3</b>								
	1	20	ProDesktop CD Installer					
<b>Unit 4</b>								
	1	20	PVC Pipe	36"x 1/2"	\$0.560	\$0.56		
	1	20	dowel	36"x 1/2"	\$0.730	\$0.73		
	1	20	1" thick styrofoam	4"x 6"	\$0.150	\$0.15		
	5	100	pipe cleaners	12" long	\$0.016	\$0.08		
	2	40	rubber bands		\$0.004	\$0.01		
	1	20	ball of clay	1 oz.	\$0.160	\$0.16		
	4	80	clothes pins		\$0.020	\$0.08		
	4	80	plastic spoons		\$0.023	\$0.09		
	4	80	drinking straws		\$0.010	\$0.04		
	4	80	paper clips		\$0.004	\$0.02		
	1	20	plastic cup		\$0.028	\$0.03		
	1	20	nylon string	3'	\$0.023	\$0.02		
	1	20	masonite	4"x 6"	\$0.033	\$0.03	<b>\$2.00</b>	<b>\$40.00</b>
							<b>\$10.34</b>	<b>\$206.88</b>
<b>Packaging/Container Costs</b>								
								<b>\$15.00</b>
<b>Total Cost for 20 Student Classroom Set (Units 1-4)</b>								<b>\$221.88</b>

