

CTE Makeover Challenge

Makerspace Budget

	Initial Cost		
	Initial Quantity A	Unit Cost B	Total Startup Cost A*B
Equipment / Tools			
Desktop CNC (Carvey)	1	\$2,087	\$2,087
Portable CNC (Shopbot)	1	\$2,895	\$2,895
3D Printers (Dremel & Printrbot)	4	\$1,299	\$5,196
3D Pen	2	\$99	\$198
Soldering Station (Hakko)	2	\$97	\$194
Cutting Plotter (KNK)	1	\$449	\$449
Vacuum	1	\$99	\$99
Arduino Starter Kit	4	\$76	\$304
Raspberry Pi 3 Starter Kit	4	\$99	\$396
Makey Makey Classic	4	\$50	\$200
littleBits STEAM ClassPack	1	\$1,299	\$1,299
Robotics Class Kit (Hummingbird)	1	\$849	\$849
Rotary Tool (Dremel)	2	\$79	\$158
Basic Hand Tool Kit	2	\$50	\$100
Electronics Hand Tool Kits	2	\$50	\$100
Total			
Consummables / Materials			
3D printing filament	12	\$30	\$360
Green Screen Paint - 1 Gallon	1	\$76	\$76
Electronics Component Starter Kit	2	\$55	\$110
CNC Bit Sets	4	\$30	\$120
Cutting Plotter Blade 5 pk	2	\$30	\$60
Cutting Plotter Mats	4	\$15	\$60
Cutting Plotter Vinyl Rolls	6	\$15	\$90
CNC HDPE Sheets	40	\$7	\$280
CNC Wood Sheets	50	\$5	\$250
Tape & Adhesives	10	\$4	\$40
Rotary Tool bits & sanding	2	\$25	\$50
Batteries	2	\$25	\$50

Total**Safety**

<i>Safety goggles</i>	60	\$2	\$120
<i>Gloves</i>	15	\$4	\$60
<i>Accessibility (Estimated)</i>	1	\$750	\$750
Total			

Furniture / Accessories

<i>Cart</i>	1	\$450	\$450
<i>Storage Bins (Large)</i>	8	\$15	\$120
<i>Storage Bins (Small)</i>	20	\$10	\$200
<i>Cutting Mats</i>	8	\$25	\$200
<i>Display Shelves</i>	3	\$50	\$150
<i>Power Strips</i>	10	\$15	\$150
Total			

TOTAL



Ongoing Cost During 2016-2017 School Year

[illegible]

30

\$2

\$60

Total Annual Cost
 $(A*B) + (C*D) + E$

\$	2,087.00
\$	2,895.00
\$	5,196.00
\$	198.00
\$	194.00
\$	449.00
\$	99.00
\$	304.00
\$	396.00
\$	200.00
\$	1,299.00
\$	849.00
\$	158.00
\$	100.00
\$	100.00
	\$14,524

\$	1,080.00
\$	76.00
\$	110.00
\$	240.00
\$	120.00
\$	120.00
\$	180.00
\$	560.00
\$	500.00
\$	80.00
\$	50.00
\$	100.00

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\$3,216

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\$ 180.00

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\$ 60.00

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\$ 750.00

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\$990

.....
\$ 450.00

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\$ 120.00

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\$ 200.00

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\$ 200.00

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\$ 150.00

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\$ 150.00

.....
\$1,270

\$20,000

