

Gary Stager's Recommended Maker Budget for spending \$50,000

<http://constructingmodernknowledge.com>

Quantity	Item	Unit cost	Total	Comments
3	Hummingbird Duo Classroom Kits	\$1,500.00	\$4,500.00	Great kit for turning recycled materia
1	SparkFun Inventor's Kit Lab Pack V3.2 (Arduino Inventor's Kits)	\$1,100.00	\$1,100.00	The basic kit for getting started with
20	ProtoSnap - LilyPad Development Simple	\$40.00	\$800.00	Lilypad starter set, complete with a b
20	Makey Makey Starter Kits	\$40.00	\$800.00	Incredibly popular introduction to pr
1	Circuit Stickers Advance Kit for 25 users	\$1,900.00	\$1,900.00	Create circuitry and electronic paperc
20	Lilypad LEDs (assortment)	\$2.50	\$50.00	Tiny LEDS for sewing into wearable p
200	coin cell battery and sewable battery holder	\$1.50	\$300.00	Required for sewable projects - Gary
50	conductive thread bobbin	\$2.00	\$100.00	Extra conductive thread - https://ww
1	LED assortment	\$100.00	\$100.00	via eBay
1	Little Bits Pro Library	\$999.00	\$3,299.00	"Good for 30+ teams - http://littlebit
5	Little Bits Space Kit	\$189.00	\$945.00	Space related projects
5	Little Bits Synth Kit	\$159.00	\$795.00	Build music synthesizers
4	Little Bits Cloud Bit	\$59	\$236.00	The cloudBit is the easiest way to cre
3	Little Bits "Popular Science Super Bundle"	\$299	\$897.00	alarm system that texts you alerts--th
2	Little Bits "Popular Science Super Bundle"	\$439	\$878.00	Home automation and programming
2	Circuit Scribe Basic Classroom Kit	\$439	\$878.00	https://123d.circuits.io/shop/circuits
	Arts and craft supplies, felt, press snaps		\$0.00	
2	MakeDo Toolkit 360	\$140	\$280.00	For cardboard construction - https://
2	Flora GPS Starter Pack	\$95	\$189.90	You can get a 10 or 15% educator dis
6	roll of conductive tape with conductive adhesive	\$11	\$64.32	http://amzn.to/1Aci2iO
1	LEGO Education WeDo STEM Classroom Packs	\$2,700	\$2,699.95	https://shop.education.lego.com/leg
1	Bee-Bot Class Pack & Dock Station	\$599	\$599.00	http://www.bee-bot.us/bee-bot-bunc
1	Cricut Explore Electronic Cutting Machine - Sampler pack	\$311	\$311.00	http://amzn.to/1yx1WCh
1	MicroWorlds EX Coder site license	\$1,500	\$1,500.00	best programming environment for k
1	Printrbot Simple Metal 3D Printer	\$599	\$599.00	Cold-bed reliable 3D printer - http://
10	Lilypad MP3 microcontroller	\$40	\$400.00	https://www.sparkfun.com/products
10	LiPo battery for Lilypad MP3	\$10	\$100.00	https://www.sparkfun.com/products

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1	AFINIA H480 3D Printer	\$1,299	\$1,299.00	http://amzn.to/1E66pzm
1	Assorted filament and tools	\$500	\$500.00	Perhaps even a Dremel set
6	Rolobox Reuseable Wheel Kit for Boxes	\$14	\$83.70	http://amzn.to/1CFSvjI
2	Pro-bot programable floor turtle	\$129	\$258.00	http://www.bee-bot.us/probot/prob
	Panasonic HC-V550K Full HD Wi-Fi Enabled 90X Stable Zoom			
1	Camcorder with 3-Inch LCD	\$299	\$299.00	http://amzn.to/1JdhJd3
	Panasonic Lumix DMC-TS5A 16.1 MP Tough Digital Camera with			
1	9.3x Intelligent Zoom	\$223	\$223.14	http://amzn.to/1CkPxDb
1	GoPro HERO4 BLACK Extreme Bundle	\$570	\$570.00	http://amzn.to/15vGJxg
	Kingston Digital 16 GB Class 4 microSDHC Flash Card with SD			
10	Adapter	\$9	\$89.50	http://amzn.to/185YXHe
1	Ravelli APLT4 61-inch Light Weight Aluminum Tripod With Bag	\$25	\$24.96	http://amzn.to/1ATRxxh
	JOBY Gorillapod Flexible Tripod (Black/Charcoal) and a Bonus Universal			
1	Smartphone Tripod Mount Adapter		\$0.00	http://amzn.to/1JdlwXI
5	Vktech® Foldable 500x Handheld Digital Mobile MicroScope	\$150	\$750.00	http://amzn.to/1E6jaK8
			\$0.00	
20	11 inch Macbook Air computers with 256gb flash storage	\$1,099	\$21,980.00	

You might purchase up to 70 Toshiba Satellite NB15T-A1302 11.6-Inch Touchscreen Laptops for the same price as the Macs.

<http://amzn.to/1ClgM0a> Be mindful of the need for extended warranties, storage, etc...

Grant total - not including tax or shipping **\$49,520.47**