

Item Name	Model
PVC pipes	1/2 in. PVC DWV Pipe
Concrete	SAKRETE
Vinyl pipes	Everbilt 1/2 in.
Glue	Oatey Regular Clear PVC cement
Solidworks	N/A
Fans	GDSTIME Small Fan
Sump pump	Vipe mini micro submersible motor pump*
Arduino	Uno R3
LED Display	Baqi 0.91" OLED
Cement Mold	N/A
Solar panels	CANADUINO 5V
Acrylic	Maker Lab
Lithium-Ion battery	DMEGC inR18650-26E
Jumper cables	Maker Lab
Sheet metal	Maker Lab
TMP 36	TMP36GT9Z
Button	6x6mm button
Air filter	POTAUTO MAP 1013W
Circuit-diagram	N/A
TinkerCad	N/A
Onshape	N/A
Arduino IDE	N/A
Arduino Libraries	N/A
Voltage Booster	Eiechip 5v step up booster
Battery charger	Lithium battery Charger TP4056
Battery Clip	V bestlife 18650 battery holder
	* will be replaced with makerspace equivalent

Units of Measure	Cost (\$)	Amount	Total cost
Feet/inch	1.265/ft	2	\$2.53
kg	5.38	2	\$10.76
feet/inch	0.59/ft	9.5	\$5.61
#	7.45	1	\$7.45
N/A	0	1	\$0.00
#	9.67	1	\$10.32
#	7.99	1	\$9.40
#	TBD	1	\$3.37
#	5.33	1	\$5.33
	TBD	1	TBD
#	3.3	1	\$3.73
12 in x 24 in x 1/4 in	\$13	1	\$16.90
#	2.39	1	\$2.70
#	1	1	\$1.13
#	0	TBD	\$0.00
#	2.49	2	\$5.63
#	0.2	2	\$0.40
#	8.27	1	\$9.36
N/A	0	1	\$0.00
N/A	0	1	\$0.00
N/A	0	1	\$0.00
N/A	0	1	\$0.00
N/A	0	1	\$0.00
	1.79	1	\$1.80
	2.18	1	\$2.40
	1.5	1	\$1.50
Total Product Cost (without taxes/shipping)			\$98.82
Total Product Cost (with taxes)			\$108.70

Link:

<https://www.homedepot.ca/en/home/categories/building-materials/plumbing/pipe-and-fittings/pvc-pipes-and-fittings/sakrete-concrete-mix-30-kg/1000109060>

<https://www.homedepot.com/p/Everbilt-1-2-in-I-D-x-5-8-in-O-D-x-10-ft-Clear-Vinyl-Tubing-T10006010/30418>

<https://www.homedepot.com/p/OATEY-8-oz-Regular-Clear-PVC-Cement-310133/100345577>

N/A (computer program)

https://www.amazon.ca/Gdstime-25mm-7mm-Brushless-Cooling/dp/B078KBTY5/ref=sr_1_6?gclid=CjwKCAi

[https://www.amazon.com/Vipe-Micro-Submersible-Motor-Water/dp/B01N0X3CW4/ref=sr_1_101?keywords="](https://www.amazon.com/Vipe-Micro-Submersible-Motor-Water/dp/B01N0X3CW4/ref=sr_1_101?keywords=)

https://www.aliexpress.com/item/32822012864.html?spm=a2g0o.productlist.0.0.53c16140uyozwU&algo_pv

<https://edu-makerlab.odoo.com/shop/product/oled-display-139?search=display#attr=247>

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https://www.amazon.ca/CANADUINO-Solar-Panel-100mA-500mW/dp/B07GD96FKZ/ref=sr_1_52?crid=1TCZU

<https://makerstore.ca/shop/ols/products/acrylic-12-inch-x-24-inch>

<https://liionwholesale.com/collections/batteries/products/dmegc-inr18650-26e-18650-15a-flat-top-2600mah>

<https://makerstore.ca/shop/ols/products/jumper-cables-per-10>

<https://www.digikey.ca/en/products/detail/analog-devices-inc/TMP36GT9Z/820404>

<https://edu-makerlab.odoo.com/shop/product/tactile-button-37?search=button>

https://www.amazon.ca/POTAUTO-Replacement-Filter-compatible-PONTIAC/dp/B01G6PD6HG/ref=sr_1_54?c

<https://www.circuit-diagram.org/editor/>

<https://www.tinkercad.com/dashboard>

<https://www.onshape.com/en/>

<https://www.arduino.cc/en/software>

<https://www.arduino.cc/en/software>

https://www.amazon.ca/gp/product/B07RNBK5F/ref=ppx_yo_dt_b_asin_title_o00_s00?ie=UTF8&pssc=1

https://www.amazon.ca/gp/product/B06XNXHY6W/ref=ppx_yo_dt_b_asin_title_o00_s00?ie=UTF8&th=1

https://www.amazon.ca/gp/product/B08V57NDXJ/ref=ewc_pr_img_1?smid=A247PT7Z3538KM&pssc=1

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