

Item	Unit Price	Quantity	Cost	Justification	URL
3D Printer	\$594.31	1	\$594.31	This is the #1 item that I am requesting funding for. As mentioned in my application, it was very challenging and inefficient for me to get prints done. Acquiring my own printer would be a major productivity boost, and also bring me confidence that I have the tools needed to succeed in my mission.	<a href="https://lqd3d.com/products/lqd-x-smart-3">https://lqd3d.com/products/lqd-x-smart-3</a>
Soldering Iron + Multimeter	\$34.99	1	\$34.99	Similar to the 3D printer, acquiring my own electrical tools will be a major productivity boost. Last summer I was forced to intern at a University of Calgary student and sneak into their electrical engineering lab. This left very unprofessional and inappropriate.	<a href="#">Soldering Iron Kit with Digital Multimeter, SREEMITH 80W LCD Welding Tool with ON/OFF Switch Adjustable Temperature Knob(200-400°C) for Electronics Repairing - Tools - Amazon Canada</a>
Raspberry Pi 5	\$114.69	1	\$114.69	In order to use my robot by web app (my ultimate goal), I will need a advanced computer like the Pi 5.	<a href="https://www.amazon.ca/Raspberry-Pi-5-B0B72023-Processor-in-B0BC2FCG1Krefprod_wpf_1143-0418628-882899d7ref_rdt_wpf_advcontent-dramem1_gm_d384101-6e04-44fe-91f6-afce5de168924ef_ref_rdt_u001VTD9QYSG2T1E6V22kRef_rdt_wpf_bv08ed_ref_rdt_r159353-8752-4d0a-89b3-da58b31a2dbdded_ref_rdt_B0CK2FCl9K">https://www.amazon.ca/Raspberry-Pi-5-B0B72023-Processor-in-B0BC2FCG1Krefprod_wpf_1143-0418628-882899d7ref_rdt_wpf_advcontent-dramem1_gm_d384101-6e04-44fe-91f6-afce5de168924ef_ref_rdt_u001VTD9QYSG2T1E6V22kRef_rdt_wpf_bv08ed_ref_rdt_r159353-8752-4d0a-89b3-da58b31a2dbdded_ref_rdt_B0CK2FCl9K</a>
Electronics Kit	\$23.99	1	\$23.99	Contains wires, resistors, LEDs, buttons, and lots of valuable electronics	<a href="#">ELEGOO Upgraded Electronics Fun Kit w/Power Supply Module, Jumper Wire, Precision Potentiometer, B30 Ice-Points Breadboard for Arduino, Raspberry Pi, STM32 - Amazon.ca: Electronics</a>
Motors A-D	\$29.92	4	\$119.68	Required for all 4 wheels	<a href="#">The Great Escape: Strong Jet! Looking for B08JXQM3NMF... LJA_Ansatz-Titel:UHM8292ZCZ-8548ref_rdtB08JXQM3NMF-8-BAZCCCA-COnel-Hes0021850446A0D705acCMCMH-fm-CaRZL_r_rn6JscCaR2aQm8Ca-U0MQUQzQcCa-U0YQzQm8CaCYydfccw_nCeQdc5_cadvCdv8JclUclJtAKDxOO8EeEcATPzELGR-JeXldnu_TYSImTSXDQvGCdGrQzsd0Xhm7j</a>
Worm Gear	\$70.90	3	\$212.70	Quality gears to ensure reliable functionality	