

Innovation Lab Items:

- ✓ **Lulzbot Taz 6 Printers**
Price: \$2,500
Available @: <https://www.lulzbot.com/store/printers/lulzbot-taz-6>
- ✓ **Formlab 2 SLA 3D Printer**
Price: \$3,500
Available @: <https://formlabs.com>
- ✓ **6 Months of Supplies for 3D printers (approx. \$2,500)**
Price: \$2500
Available @: <https://www.lulzbot.com/store/> & <https://formlabs.com>
- ✓ **Rust-oleum Clear Dry Erase Paint**
Price: \$81 per kit, each bottle covers 50 square feet, you'll need 3 coats per wall
Available @: <https://www.rustoleum.com/product-catalog/consumer-brands/specialty/dry-erase/>
- ✓ **Cork Board for idea collection (\$10)**
- ✓ **Soldering Kits**
Price:
Available @:
- ✓ **3D Design Software** – Google Sketch Up, there is a free version and a license that is \$700
- ✓ **Computers capable of 3D Design and Rendering** (improved graphics cards, not standard government computers).
- ✓ **Commercial WiFi** – we have off network computers that can run some of the software we have acquired, commercial WiFi is required to still access web based training etc.
- ✓ **Dremel Kit: Dremel 4300-5/40 High Performance Rotary Tool Kit** with Universal 3-Jaw Chuck, 5 Attachments and 40 Accessories
Price: \$119.00/ GSA – 192.64
Available @: (<https://www.amazon.com/Dremel-4300-5-Performance-Attachments>)

- ✓ **Vernier Caliper: GlowGeek Electronic Digital Caliper** Inch/Metric/Fractions Conversion 0-6 Inch/150 mm Stainless Steel Body Orange/Black Extra Large LCD Screen Auto Off Featured Measuring Tool
Price: \$59.99/ GSA – 43.54
Available @: (<https://www.amazon.com/GlowGeek-Electronic-Fractions-Conversion-Stainless>)

- ✓ **Files: INNOVANT 9 Piece Premium Grade High Carbon Hardened Steel File Set W/** Comfortable Rubber Hand Grip Handles - Round Rasp Half Round Flat & Needle Files Best For Shaping Wood / Metal & Sharpening Tools
Price: \$39.97/ GSA - 29
Available @: (<https://www.amazon.com/INNOVANT-Premium-Hardened-Comfortable-Handles>)

- ✓ **Channel lock pliers: Channellock GLS-3 Griplock Plier 3-Piece Set :** GL6, GL10, GL12
Price: \$51.76/ GSA – 27.57
Available @: (<https://www.amazon.com/Channellock-GLS-3-Griplock-Plier-3-Piece>)

- ✓ **Needle nose pliers: 5 Piece Mini Pliers** – Long Needle Nose, Long Nose, And Nipper Bent Nose, End Cutting, Diagonal, Precision Pliers Set
Price: \$38.99/ GSA – 37.60
Available @: (<https://www.amazon.com/Piece-Mini-Pliers-Diagonal-Precision>)

- ✓ **Wire cutters: IRWIN VISE-GRIP Multi-Tool** Wire Stripper/Crimper/Cutter
Price: \$15.20/ GSA – 10.75
Available @: (<https://www.amazon.com/VISE-GRIP-Multi-Tool-Stripper-Crimper>)

- ✓ **Vise grip: IRWIN VISE-GRIP Original Locking Pliers** with Wire Cutter Set, 2 Piece, 36
Price: \$19.45
Available @: (<https://www.amazon.com/VISE-GRIP-Original-Locking-Pliers>)

CHECK DRMO

- Vise Lock: Olympia Tool 4-Inch Bench Vise**
Price: \$29.99 / GSA – 21.02
Available @: (<https://www.amazon.com/Olympia-Tool-38-604-4-Inch-Bench>)

- BLACK+DECKER LDX120PK 20-Volt MAX Lithium-Ion Drill and Project Kit**
Price: \$79.99 / GSA – 139.66 / 1store - \$78.28
Available @: (<https://www.amazon.com/BLACK-DECKER-LDX120PK-20>)

- Bit adaptors: Dophee 8Pcs Socket Adapter Impact Hex Shank Drill Bits Bar Set 1/4" 3/8" 1/2" Bits New**
Price: \$25.48

Available @: (<https://www.amazon.com/Dophee-Socket-Adapter-Impact-Shank>)

- APEX:** Apex Tool Group-Asia 3/8-Inch Drive 7/16-Inch 6-Point Deep Well Socket - Quantity 10
Price: \$24.96
Available @: (<https://www.amazon.com/Apex-Tool-Group-Asia-16-Inch-6-Point>)

- Every type of socket deep-well 1/4-3/8:** Craftsman 21 Piece 1/4" Drive 6 Point Deep Well Socket Set
Price: \$22.49
Available @: (<https://www.amazon.com/Craftsman-Piece-Drive-Point-Socket>)

- Monitors for Computers**

- Graphics Cards for Computers**

- Computer Parts**

LATER PURCHASES

- Bench Grinder: Delta Power Tools 6-Inch Variable Speed Bench Grinder**
Price: \$155.20
Available @: (<https://www.amazon.com/Delta-23-196-6-Inch-Variable-Grinder>)

- Standard size high torque metal gear Servos:** Rcomg H3-ST-BF20S High Voltage High Torque 20kg Standard Size Full Metal Case and Metal Gear Brushless Digital Cyclic Servo (We will need a mix of servos, but this is the top class of servo).
Price: \$109.88
Available @: (<https://www.amazon.com/H3-ST-BF20S-Voltage-Standard-Brushless-Helicopter>)

- Micro servos high torque metal gear:** Bundle: (2) CSRC-65MG High Torque Ultra Micro Servo - Metal Gear + (1) G.T. Power Digital Professional Servo Tester
Price: \$49.99
Available @: (<https://www.amazon.com/Bundle-CSRC-65MG-Torque-Digital-Professional>)

- Servo shield:** SunFounder 16 Channel 12 Bit PCA9685 PWM Servo I2C Driver Shield for Arduino and Raspberry Pi
Price: \$11.99
Available @: (<https://www.amazon.com/SunFounder-Channel-PCA9685-Arduino-Raspberry>)

- Servo extension cables:** Foxnovo 32cm 3-pin Male to Female Remote Control Servo Extension Lead Wire Cable - 10 pcs
Price: \$15.99
Available @: (<https://www.amazon.com/Foxnovo-Female-Remote-Control-Extension>)

- Servo wheels: 2 Pack 20.86oz Continuous Rotation Micro Servo Arduino with wheels**
Price: \$25.00
Available @: (<https://www.amazon.com/20-86oz-Continuous-Rotation-Arduino-set-point>)