# Suppliers

* Creatron Inc.
  + Electronics components, test equipment, microcontrollers, robots. www.creatroninc.com Tel. 416 977 9258, 3575 Sheppard Ave. East, Scarborough (@Birchmount Rd) Tel. 647 349 9258, 349 College St., Toronto (@Spadina Ave), email: [support@creatroninc.com](mailto:support@creatroninc.com)
* Sayal Electronics
  + Electronic components, test equipment, robots, tools. www.sayal.com Tel. 416-494-8999, 3791 Victoria Park Ave., Units 1-5, Scarborough Tel. 905-513-7292, 7701 Woodbine Ave., Unit 1-3, Markham
* A1 Electronics
  + Canada’s Largest Electronics Superstore, www.a1parts.com Tel. 416-255-343, 196 North Queen St., Toronto
* EfstonScience
  + The science and astronomy superstore. Table top experiment equipment, hobby materials, kits, telescopes. www.efstonscience.com Tel. 416-787-4581, on Dufferin str. across from Yorkdale mall
* Home Hardware
  + A hardware store that also carries some electronic components. [www.homehardware.ca](http://www.homehardware.ca)
* Princess Auto Sales
  + Just about everything under the sun: electro/electromechanical things, various types of hardware, etc. www.princessauto.com Tel. 647-253-5600, Unit 1 - 1455 McCowan Rd, Scarborough Tel. 905-944-9696, 8500 Woodbine Ave, Markham Tel. 905-564-1011, 6608 Dixie Rd, Mississauga

**Online only component suppliers:**

* DigiKey
  + Industrial on-line electronics components supplier, very competitive, quick delivery Tel. 1-800-344-4539, www.digikey.ca
* Robotshop http://www.robotshop.com/ca/
* Element 14
  + This site also has useful reference documents and links to discussion groups: <http://www.element14.com>
* amazon.ca [www.amazon.ca](http://www.amazon.ca)
* Adafruit [www.adafruit.com](http://www.adafruit.com)
* Elmwood Electronics (Canada) <https://elmwoodelectronics.ca/collections/adafruit>
* Canada Robotix [www.canadarobotix.com](http://www.canadarobotix.com)
* CanaKIt [www.canakit.com](http://www.canakit.com)
* Kuman [www.kumantech.com](http://www.kumantech.com)
* Electrosonic Electronic components Tel. 905-946-0500, [www.e-sonic.com/acc/home.aspx](http://www.e-sonic.com/acc/home.aspx)
* Active Electronic Supply Depot Electronics components, test equipment, chemicals; well organized Tel. 1-866-663-8233, www.active123.com

# Project Ideas

* Fully automated coffee machine
  + Self-cleaning (optional)
  + Grinds coffee beans
  + google home integration
  + make basic coffee
    - brews at certain temperature
    - brews coffee, stores it and keeps it warm until the user wants to pour it into the cup

# How to, written and oral proposal