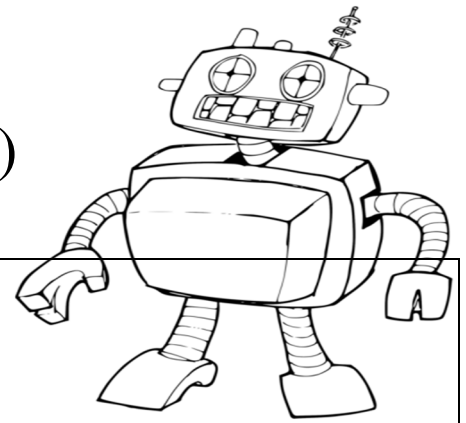


Mill Creek Makers (aka: "Robotics Club")



Free to attend!
(optional \$100 to take home a robot)

Learn the basics of:

- **Electronics,**
- **Programming (java, c)**
- **Troubleshooting**
- **Problem solving**

Wednesday afternoon meetings
(4:00PM to 5:30) planned for
the fall of 2015 as follows:

1. Aug 19 –Introduction + Electronics (Basics)
2. Sept 02 –Electronics (IC's)
3. Sept 16 –Programming (Android + EEPROM) + Order Deadline.
4. Sept 30 –Intro to Mill-E15 wheeled bot (schematics/components)
5. Oct 7 – Continue building Mill-E15
6. Oct 28 - Continue building Mill-E15
7. Nov 11 – Finish Mill-E15. Discuss plans for Spring.

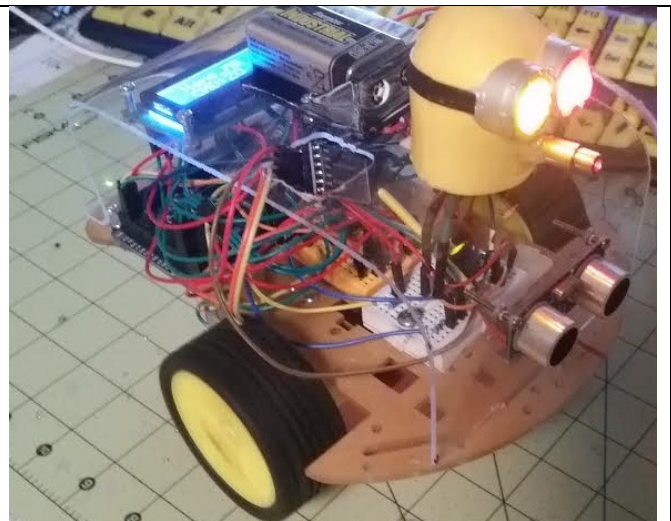
Parents are encouraged to sit-in and assist their child

This fall's project is to build a small wheeled robot called "Mill-E15" controlled by an Android (Jelly Bean, KitKat, Lollipop or higher) tablet or phone with Bluetooth.

The focus is on understanding fundamentals, creative design, with a heavy dose of troubleshooting various problems.

If your 4th or 5th grader would like to build and take home a robot, the parts are approximately \$100 (prices may vary).

We can provide a list of parts used for the Mill-E15 bot. The decision to purchase and build your own robot can be made on or before Sept 14th. This would allow enough time to order parts and build the robot during the final fall sessions in October and November.



Mill-E15 is small but full of functional features which promote learning. It has LED lights, resistors, microcontrollers, breadboards, motors, integrated circuits, a buzzer, a range finder, a laser, an LCD screen, a printed circuit board, a potentiometer, and a Bluetooth module.

Due to classroom size restrictions we can only allow for a **maximum of 15 students.**

If interested in becoming a “Mill Creek Maker,” simply complete and return the form below, or email mikeinfodoc@gmail.com

Student Name(s)	
Parent or Emergency Phone(s)	
Parent and/or child email address(es):	
Grade and/or Age:	
Any special needs or considerations?	
Interested in taking home a robot? YES/NO (~\$100)	
Signature:	
Date Signed:	