



# Exciting Robotics Club



**Dates: 1/28-5/6**  
No Class Days: 2/18, 3/11, 4/1

**Fee (Early/Regular)**  
Early registration by: 1/11  
\$324/\$344

**Time:**  
2:35-4:05

## Robotics Club: Minecraft and EV3 Robots

### Medlock Bridge: Monday Grades 4-5

Amazing Program for our Minecraft and Robotics enthusiast! Our hour and a half program allows students to really explore building and programming. Maximum number of student is 10.

***Register Now!***  
Early registration ends : 1/11  
Split Payment Available

**Imagine That! and Future Tech**  
[www.ImagineThatFun.com](http://www.ImagineThatFun.com)  
[Fun@ImagineThatFun.com](mailto:Fun@ImagineThatFun.com)  
770-455-1980

# Robotics Club Class Details

## Robotics Club Grades 4-5 Minecraft and EV3s **New Activities for Spring!**

Read full details online.

### Learn Programming With MineCraft and ComputerCraft!



**For Students who are continuing from our Fall session, we will progress from where you left off,** for new students we will start from the beginning.

In this class, students will learn programming skills using ComputerCraft in which you can add little robots and computers to the world of MineCraft. These can be programmed using the LUA scripting language. Students will learn about variables, functions, conditional statements, loops, and more, as well as improving their typing skills in

a fun, familiar environment where the results of their work are immediately visible and very rewarding. Students will conceptualize, write, and debug their very own program using new skills that remain useful outside of the MineCraft environment. The LUA language is a fully featured and freely available programming language that can be used to write applications and games, and is a perfect springboard for learning more complex languages like Java, C++, and others.

### LEGO® MINDSTORMS® EV3



For our older students our LEGO MINDSTORMS EV3's will be offered so that students have a great time building and programming robots! Your student will have an exciting adventure this session as they take off for the stars with the EV3 Enterprise! Students will be challenged with programming tasks to complete the mission to find a world to explore. Once they find a new planet, the EV3 Endeavor will be launched to travel the planets' surface. Experiments will be tasked

to explore through programming challenges. Is your student up to the journey? Come and join the "out of this world" fun!