

All About Robotics



Understanding how computer programs work is a key skill for the STEM jobs of tomorrow. In this class we provide fun, hands-on instruction on what it means to write, debug, and execute computer programs. We will start low-tech, creating and running "human programs," and work up to programming the popular Sphero robot, SPRK+. We will turn Sphero Robots into Magic 8 Balls, automated Red Light / Green Light games, Harry Potter Magic Wands, and more with the power of code!

*** REGISTRATION FOR THIS CLASS BEGINS FEBRUARY 3 ***

Grades	Day	Time	Dates	Location	Fee
2 - 4	Tuesday - Friday	9:00am - 12:00pm	April 21 - April 24	Loring Arena	\$120

App Inventors



Want to know how the apps work on your phone or iPad? Or do you already have the next great app idea, and just need to know how to make it? In this no-experience-required course, we use MIT App Inventor software to make fun, creative apps for Android phones and tablets. We will also explore wireless communication by building custom bluetooth hardware controllers and readouts for our apps. Participants will learn both the programming and design aspects of creating great apps, and have the opportunity to build apps of their own with the support of Circuit Lab instructors.

*** REGISTRATION FOR THIS CLASS BEGINS FEBRUARY 3 ***

Grades	Day	Time	Dates	Location	Fee
5 - 7	Tuesday - Friday	1:00pm - 4:00pm	April 21 - April 24	Loring Arena	\$120

Net Sports Clinic



This Clinic will be a combination of tennis, volleyball, and other sports that need a net! Learn the fundamental skills of these different 'Net' sports all in one fun-filled program. Focus will be placed on coordination, technique, footwork, volleys, and an array of different drills. Participants will be placed into groups according to age and ability.

** If you register for both the Net Sports Clinic and the Wacky Games Clinic, please pack a lunch as supervision will be provided.

*** REGISTRATION FOR THIS CLASS BEGINS FEBRUARY 3 ***

Ages	Day	Time	Dates	Location	Fee
5 - 12 yrs.	Tuesday - Friday	9:00am - 12:00pm	April 21 - April 24	Barbieri Elem. School	\$110

Wacky Games Clinic



This class is not your average sports class! Using an array of high quality and unique equipment, we'll play outside the box games for all to enjoy. Capture the Flag meets giant six-foot inflatable tubes, welcome to Powerball! From Gaga to real life Mario Kart and much more, everyone will be challenged, learn new skills and have a blast. Participants will be placed into groups according to age and ability.

** If you register for both the Wacky Games Clinic & the Net SportsClinic, please pack a lunch as supervision will be provided.

*** REGISTRATION FOR THIS CLASS BEGINS FEBRUARY 3 ***

Ages	Day	Time	Dates	Location	Fee
5 - 12 yrs.	Tuesday - Friday	12:30pm - 3:00pm	April 21 - April 24	Barbieri Elem. School	\$110

Register Now!!! www.FraminghamRec.com