



WEEK OF  
& JUNE 20<sup>TH</sup>  
& JUNE 27<sup>TH</sup>

## GIRLS IN STEM

GRADES 6-8 \$160

ILITE has developed the Girls in STEM summer camp to engage the curiosity of adolescent girls in science, technology, engineering and math. Activities promote knowledge and discovery of future career options.

## BOE-BOT CAMP

GRADES 6-12 \$160

This year we are adding a new camp! Our Boe-Bot Camp challenges older students to learn a basic robot works, introducing them to the vast world of electronics in a prototyping format and how to program a robot in BASIC. Students will be taught and build their own sensory arrays to help their robot navigate the environment, running on code they write. Electrical components include infrared range finders, tactile whisker sensors, servo motors and LEDs. This class is perfect for EV3 pros that want a challenge or learners that want to explore how programming and electronics interact in the

## BASICS OF PROGRAMMING

GRADES ? \$160

This camp is for beginner programmers or anyone who wishes to learn how programming works. This would involve graphical drag-and-drop programming to develop basic programming knowledge and logic and build a link between the writing of text-based programs.

## INTRO TO JAVA

GRADES ? \$160

This camp serves as a follow up to the Basics of Programming camp and is for those who already understand basic programming and/or have a little experience with Java programming. This would involve coding in a text-based language such as Java.

## LEGO EV3 ROBOTICS

GRADES K-6 \$180

Students who attend ILITE's LEGO EV3 Summer Camp design, build, and program awesome robots using state-of-the-art LEGO robotics technology: the powerful MINDSTORMS EV3 system. This exciting robotics camp challenges students to push robots to the limits by completing various tasks. The capstone of the camp is a mini competition. ILITE's LEGO EV3 Camp gives students the opportunity to learn and have fun at the same time.

## MATTER HACKERS

GRADES 1-4 \$160

In this camp, students learn simple machines and states of matter through participation in a variety of experiments. This fundamental knowledge is taught in fun and exciting ways. Students leave with a deeper understanding of how the world around them works while sparking their curiosity in STEM.

## IMAGINATION INFUSION

GRADES 4-6 \$180

Student minds come alive in STEM 2 as they are submerged into a multitude of fun and exciting STEM subjects. Projects range from density to light and power to chemical reactions. Students dip their toes into STEM through fun individual and group experiments and demonstrations. This camp is an all-time favorite of both students and parents. Reserve a spot early to make sure your child does not miss out on their imagination coming alive!

## CYBER DEFENSE

GRADES 6-12 \$160

ILITE's Cyber camp puts middle and high school students in the position of newly hired IT professionals tasked with managing the network of a small company. Students are given a set of virtual images that represent operating systems and are tasked with finding cyber security vulnerabilities within the images and hardening the system while maintaining critical services.

[HTTP://ILITEROBOTICS.ORG/COMMUNITY/SUMMER-CAMP/](http://iliterobotics.org/community/summer-camp/)