STEM By Me (Grades 3-5, $150/Half-Day Session)

**LEGO Robotics** - Learn basic engineering design & computer programming with LEGO Robotics.

**Computer Game Design** - Learn the basics of computer programming while creating your own fun games using Scratch Programming.

**CSI - Chocolate Science Investigation** - Come learn about the science behind criminal investigations while we solve the mystery of the Great Chocolate Caper!

**The Science of Music** - Learn about the science & math behind music while you compose music that lets you express yourself.

FLITE (Grades 6-12, Full & Half Day Sessions)

**Aviture Computer Game Design (June 1-5, $375/full-day week)** - Come learn the basics of computer programming while you design a computerized Battle-Bot that’s sure to conquer them all!

**Tech That Helps (July 6-10, $375/full-day week)** - Learn how to program LEGO Robots, program Arduino circuit boards, and design your own Android cell phone app - then design and build your own prototype with the goal of helping others using one or all of the technologies you learn!

**UNITY 3D Game Design (July 20-31, $225/half-day week or $400 for both weeks)** - We have two levels of instruction. Week one is introductory and focuses on 3D graphics used in game design, and week two focuses on the elements of game design. This camp uses the UNITY online development program.

**GirlPower! (August 3-7, $225/UNITY, $250/Fashion Tech half-day or $425/full-day for both camps)** - A one week program just for girls. This program offers 2 half-day camps - one in 3D Game Design using UNITY, and one in Fashion Tech, where girls will use Arduino LilyPad technology to make a fashion statement all their own! Girls can attend one or both sessions.

Summer Engineering Exploration for Kids (SEEK) (Grades 6-8, $225/Half-Day Session, Grades 9-12, $350 Full-Day Session)

**Bridge2Engineering (June 22-26, Grades 9-12)** - Come explore the various engineering fields. Learn about electrical, mechanic and computer engineering from professionals and current students, and get a feel of how the design process works while you design and build your own projects.

**Engineering That Matters (July 13-17, Grades 6-9)** - Come learn how engineers solve real-world problems as you work through the process of helping a community in a developing country solve the problems they face. This camp explores technologies like water filtration & bridge building.

MathBridge (Grades 8-12 & have completed Algebra II, $200/Half-Day Session)

**MathBridge (June 8-12)** - This independent study in advanced math starts with an initial assessment and then the student works online using ALEKS to prepare for Pre-Calculus or Calculus.