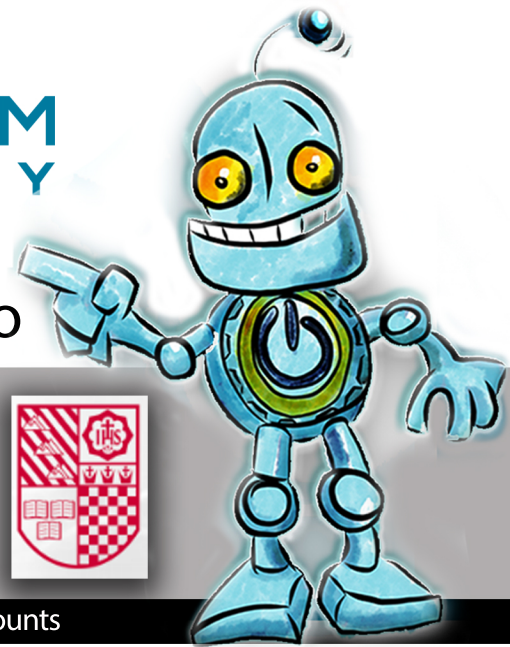




**Silicon STEM**  
ACADEMY

Voted #1 Tech Camps in Colorado



Silicon Stem Academy Location  
June 11- August 10  
AM, PM & all-day options

Regis High School  
June 11-July 11



Early Drop Off Available | Sibling and Multi-Camp Discounts

Select Camps offered at



visit [www.siliconstemacademy.com](http://www.siliconstemacademy.com)  
for details

## CODING CAMPS

### JUNIOR CODERS (8-11)

Learn to program fun games using Scratch's intuitive drag & drop coding tools; then become a mobile app creator with Bitsbox's easy text-based software develop platform.

### CODING101 (10+) AND CODING 101 FOR HIGH SCHOOLERS (14+)

Learn what it truly means to be a programmer with this text-base coding camp.

### JAVASCRIPT PROGRAMMING (10+)

Take coding to the next level with this essential programming language.

## GAME DESIGN CAMPS

### MINECRAFT MODDING: Ores, Tools & Weapons (8+)

Learn to create unique ores, tools and weapons to use in your own Minecraft worlds.

### MINECRAFT MODDING: Biomes, Blocks & Food (8+)

Learn to create unique biomes, blocks & food to use in your own Minecraft worlds.

### ADVANCED MINECRAFT MODDING (10+)

After you've conquered modding basics, explore the coding that makes your mods come to life (Prerequisite:)

### GAMEMAKER STUDIO (10+)

Create fully-functional 2-dimensional games with this dynamic game development tool.

### UNREAL 3D GAME DESIGN (11+)

Create exciting interactive 3D games with Unreal Engine, arguably the world's most popular game engine.

TO REGISTER, GO TO [WWW.SILICONSTEMACADEMY.COM](http://WWW.SILICONSTEMACADEMY.COM) | 303-800-0011



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SUMMER ACADEMIES ARE ALSO AVAILABLE | VISIT [WWW.SILICONSTEMACADEMY.COM](http://WWW.SILICONSTEMACADEMY.COM) FOR DETAILS

### DIGITAL MEDIA CAMPS

#### STOP MOTION ANIMATION (8+)

Let your creativity run wild as you write your own script, create wireframe characters, film and edit your own stop-motion movie!

#### DIGITAL MEDIA MOGUL (10+)

Learn how to edit photos of your friends and family, create memes & animated GIFs in Adobe Photoshop

#### TV NEWS PRODUCTION (10+)

Campers will write, film, perform and execute a network-quality news show during this week.

### ENGINEERING CAMPS

#### LEGO ROBOTICS: AUTONOMOUS MACHINES (8+)

Campers will choose between three robot builds and program them to perform autonomous tasks with the block-based EV3 programming platform.

#### LEGO ROBOTICS SENSORY OVERLOAD (8+)

Campers will build a series of robots and program various sensors to avoid edges, bump into walls, detect color, follow lines and more.

#### ADVANCED ROBOTICS: DESIGN CHALLENGE (9+)

Campers will design a powerful Tetrix robot and operate it remotely to perform a variety of tasks and competitive challenges.

#### GADGETS & GIZMOS (10+)

Learn all about electronics as you explore Arduino programming, "breadboarding", sensors motors and circuitry with this hands-on-camp.

#### SUMO BOTS (10+)

Learn to program the small-but-mighty "Zumo Robot" with Arduino to perform a variety of autonomous tasks, then compete in the ring for Sumo supremacy.

### SCIENCE CAMPS

#### STEM LAB: EXPERIMENTS AND REACTIONS (8+)

Prepare to get messy with this hands-on camp where we explore scientific principles as we make things fly, pop, bubble and blast.

#### STEM LAB: MECHANICAL MANIACS (8+)

We'll explore the incredible world of Simple Machines used throughout history to make difficult tasks easier.

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