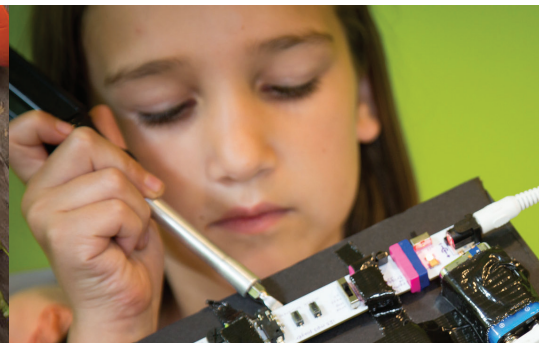# Zaniac Summer Camps 2016

Your kids are on vacation, but their minds don't have to be

Zaniac Summer Camps are the **perfect combination of learning and fun**, featuring our many engaging programs that nurture your K–8 child's love of math and technology. **Space is limited**, so enroll today!

Full-Day Weekly Camps
9:00am – 4:00pm ($649)
Please bring a sack lunch

STEM and Climb Add-On
9:00am – 4:00 pm ($130)
Climb either in the morning or afternoon, add-on to Zaniac Half-Day Weekly Camp

Half-Day Weekly Camps
9:00am – 12:00pm *or*
1:00pm – 4:00pm ($399)

Dates	Mornings	Afternoons
Jun 20 – 24	GBL: Minecraft™	Computer Programming A
Jun 27 – Jul 1	Robotics: LEGO® & NAO	Fashion Design *or* Tinkering
Jul 5 – 8	3D Printing *or* Game Modding	GBL: Minecraft™
Jul 11 – 15	Computer Programming A	3D Game Design *or* Tinkering
Jul 18 – 22	Game Modding *or* STEM Quest	Robotics: LEGO® & NAO
Jul 25 – 29	Computer Programming B	GBL: Minecraft™
Aug 1 – 5	3D Printing *or* Tinkering	3D Game Design *or* STEM Quest
Aug 8 – 12	Fashion Design *or* Game Modding	Computer Programming A
Aug 15 – 19	GBL: Minecraft™	Computer Programming B
Aug 22 – 26	Zane Math	3D Game Design *or* STEM Quest
Aug 29 – Sep 2	Robotics: LEGO® & NAO	GBL: Minecraft™

Zane Math is available every week as a half-day camp for $399.

STEM and Climb: Zaniac Woburn and Boston Rock Gym in Woburn have partnered for a summer break solution that combines exercise, learning and fun! Climbing is available weekly as a half-day camp for a **$130 add-on to any Zaniac half day camp.**

Call 781.933.5100 to enroll. Space is limited!

Zane Math • Game-Based Learning • Computer Programming • Robotics • 3D Printing • Tinkering • Game Modding

Zaniac Summer Camps 2016

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Computer Programming

In Computer Programming, students solve computing problems and learn real-world skills that software developers use every day. It's never too early to begin learning the basics of code!

Group A
Intro to Scratch
Web Design

**Group B**
Game Design with Scratch
App Creation
Python

Game-Based Learning

In Game-Based Learning, Zaniac's instructors guide students through Minecraft challenges designed to teach math and science concepts. Learn about life sciences, biomes, physics, mechanics and more, all while playing a game you love.

GBL: Minecraft™ Exploration
GBL: Minecraft™ Physics
GBL: Architectural Design
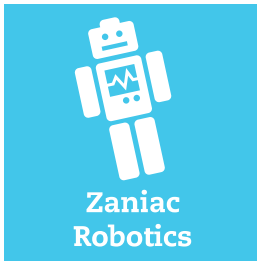
Zaniac Robotics

Robotics teaches engineering and math concepts like mechanics, physics, design, and environmental science using some of the latest LEGO EV3 Robotics systems. Work with our robotics experts to build and program complex robot systems.

Simple Machines
Intro to LEGO®
Environmental Science
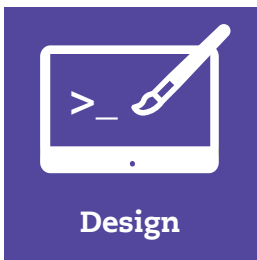Advanced Robotics w/NAO

3D Game Design

In 3D Game Design, students learn to design and program every element of their own game including game mechanics, three-dimensional animations, designing character models, and much more using the Unity® game engine.

3D World Design
3D Character Design
Game Design with C#

Design

Design enables kids to work with cutting edge technology to better prepare for their futures. Students will be immersed in the engineering and design process, printing their own unique and exciting ideas and turning them into a reality.

3D Printing
Fashion Design

Zaniac Tinkering

Tinkering provides a powerful way to inspire students' interest and engagement in electrical engineering through hands-on exploration and innovation. Students learn how to create electrical circuits and prototypes using littleBits™ and LEGO®.

Intro to Circuits
Intro to Microcontrollers

STEM and Climb camps provide a fun and engaging structure of math and technology activities that kids love along with learning the fundamentals of rock climbing for a day of exercise, learning and fun! Pick whichever half-day morning or afternoon camp you're interested in and add-on a morning or afternoon climbing camp to complement your Zaniac half-day camp. We provide transportation from Zaniac to Boston Rock Gym, or from Boston Rock Gym to Zaniac. For more info about Boston Rock Gym, visit their website www.bostonrockgym.com

Call 781.933.5100 to enroll. Space is limited!

See reverse for full Summer Camp schedule.