
SUMMER
IS HERE!
(Let's give that brain some fun)
Zaniac™
Summer Camps
May 28th – August 23rd

THE SUMMER CAMP YOU WISH YOU HAD WHEN YOU WERE A KID.

Enter Zaniac's STEAM lab for kids.

Zaniac's 2019 Summer Labs are full of surprises and are ideal for children of all mastery levels. Our summer STEAM labs are designed for children to research, explore, experiment, problem solve and create; **empowering them to be the next generation of innovators.** They have also been designed to fit varied students' skill and experience levels, in order for everyone to learn, advance and be challenged. Our 2019 Summer Labs for Apprentice students are for those who have little or no experience in STEAM, and our Master Labs are for students who have intermediate or advanced experience in STEAM.

Go on a Science, Technology, Engineering, Art & Math Adventure with us and explore our NEW Summer Labs!

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K-8 STEAM After-School Programs & Camps

Camp Dates

May 28th – August 23rd

About our Labs

Coders go from beginner to expert programmers with our progression of coding Labs.

Explorers make new discoveries in the Game-Based Learning Minecraft; Biosphere Explorers, Space Adventurers, Urban Adventurer, 7 Wonders, Redstone I & II, Atomic Theory Labs.

Engineers engage in Ignite, Battle, Marine, MegaBots and Programming Bots Labs. Continue exploring space with Drones and Aeronautical Labs and electricity with Circuits.

Designers get challenged with Music, 3D Maker, Fusion 360 I & II and Photoshop Labs.

Scholars will benefit academically from our math/reading and chess programs. Students will engage in creative, conceptual problem solving in a fun environment.

- Minecraft
- Battle Bots
- Marine Bots
- Drones
- Music
- 3D Maker
- Photoshop
- Coding

Grades Pre-K - K

Popular Camps for this age group include Robotics Apprentice Lab, Minecraft Apprentice Lab, Circuits Lab, Mechanics in Motion Lab, STEAM Quest Lab, Math and Reading, Chess and Coding Apprentice Lab

Grades 1 - 4

Popular Camps include Robotics Apprentice and Master Lab, Minecraft Apprentice and Master Lab, Circuits Lab, Mechanics in Motion Lab, Coding Apprentice Lab, App Creation, Web Maker Apprentice, 3D Maker Lab, Fusion 360 I & II, Music Lab, Drones,Math, Reading and Chess and STEAM Quest Lab.

Grades 5 - 8

Popular Camps include all levels of the Minecraft, Robotics and Coding Labs, Music Lab, Drones, Aeronautical Lab, Fusion 360 I & II and Photoshop Labs

Program Selection:

- Half-Day Campers choose 1 program in your selected session (am or pm)
- Full-Day Campers choose 1 morning and 1 afternoon program

Camp Details

Full-Day Weekly Camps
Hours: 9 am - 4 pm
Tuition per Student **$599**
(May 27th and July 4th weeks $479)

Half-Day Weekly Camps
Hours: 9 am - 12 pm or 1 pm – 4pm
Tuition per Student **$329**
(May 28th and July 4th weeks $265)

Full-Day Single Day Camp
Hours: 9 am - 4 pm **$125**

Half-Day Single Day Camp
Hours: 9 am - 12 pm or 1 pm – 4pm **$85**

Extended Hours Available
Early Drop off: 8 am or 12 pm
Late Pick up: 1 pm or 5 pm
Additional fees apply

Notes: Nut free Campus. No lunch provided, pizza on Friday only. Full Day Campers are welcome to bring a lunchbox.

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Campus Information

Zaniac South Miami

8322 S. Dixie Hwy
(Dadeland Station)
Miami FL 33143
305.668.0605
southmiami@zaniaclearning.com
www.zaniaclearning.com/southmiami

Summer Hours

May 28 – August 23
Mon – Fri: 8 am – 5 pm
Saturday and Sunday open
for Birthday parties only

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Campus Schedule

May 28th – August 23rd

Register for one camp per am/pm session.

Choose one lab per am or pm session per week.

May 28 - 31

AM:	Minecraft Biosphere Explorers Lab	K - 4
	Mechanics in Motion Lab	K - 3
	Apprentice Coder I & II Lab	1 - 5
PM:	Circuits Lab	K - 2
	Battle Bots Lab	1 - 5
	Minecraft Industry & Production Lab	2 - 5

Jun 3 - 7

AM:	Apprentice Coder I & II Lab	1 - 5
	Bots Ignite Lab	1 - 4
	Minecraft Space Adventurers Lab	1 - 5
	Minecraft Redstone I Lab	4 - 8
PM:	Wonder Lab	PK - K
	Minecraft Urban Adverturers Lab	1 - 5
	Minecraft Industry & Production Lab	1 - 5
	MegaBots Lab	4 - 8

Jun 10 - 14

AM:	Wonder Lab	PK - K
	Minecraft Biosphere Explorers Lab	K - 4
	Battle Bots Lab	1 - 5
	Minecraft 7 Wonders Lab	2 - 6
	Coding Creation III Lab	3 - 6
	3D Maker Lab	3 - 6
	Drones Lab	4 - 8
PM:	Circuits Lab	K - 2
	Minecraft Space Adventurers Lab	1 - 5
	Marine Bots Lab	3 - 6
	Minecraft Redstone II Lab	4 - 8
	Music Lab	4 - 8
	Photoshop Lab	5 - 8
	Python Coder Lab	5 - 8

Jun 17 - 21

AM:	Circuits Lab	K - 2
	Apprentice Coder I & II Lab	1 - 5
	Hands-on STEAM Lab	1 - 4
	Minecraft Urban Adventurers Lab	1 - 5
	Minecraft Atomic Theory Lab	4 - 8
	Python Coder Lab	5 - 8
	MegaBots Lab	5 - 8
PM:	Mechanics In Motion Lab	K - 3
	Bots Ignite Lab	1 - 4
	Minecraft Space Adventurers Lab	1 - 5
	Minecraft 7 Wonders Lab	2 - 6
	App Maker Lab	2 - 4
	Aeronautical Lab	5 - 8
	Fusion 360 I & II Lab	5 - 8

Jun 24 - 28

AM:	Mechanics in Motion Lab	K - 3
	Battle Bots Lab	1 - 5
	Minecraft Space Adventurers Lab	1 - 5
	Minecraft Redstone I Lab	4 - 8
	Java Coder Lab	5 - 8
	Music Lab	4 - 8
	Photoshop Lab	5 - 8
PM:	Wonder Lab	PK - K
	Minecraft Industry & Production Lab	1 - 5
	Coding Creation III Lab	3 - 6
	3D Maker Lab	3 - 6
	Drones Lab	4 - 8
	Minecraft Atomic Theory Lab	4 - 8
	MegaBots Lab	4 - 8

Jul 1 - 5 (4 days)

AM:	Circuits Lab	K - 2
	Minecraft Biosphere Explorers Lab	K - 4
	Apprentice Coder I & II Lab	1 - 5
	3D Maker Lab	3 - 6
	Marine Bots Lab	3 - 6
	Minecraft Redstone II Lab	4 - 8
PM:		
	Battle Bots Lab	1 - 5
	Minecraft Urban Adventurers Lab	2 - 6
	Minecraft 7 Wonders Lab	2 - 6
	Aeronautical Lab	5 - 8
	Fusion 360 I & II Lab	5 - 8
	Photoshop Lab	5 - 8

Jul 8 - 12

AM:	Mechanics In motion Lab	K - 3
	Hands-on STEAM Lab	1 - 4
	Battle Bots Lab	1 - 5
	Minecraft Space Adventurers Lab	1 - 5
	Web Maker Lab	4 - 8
	Programming Bots Challenge Lab	4 - 8
	Minecraft Atomic Theory Lab	4 - 8
PM:	Wonder Lab	PK - K
	Minecraft Biosphere Explorers Lab	K - 4
	Apprentice Coder I & II Lab	1 - 5
	MegaBots Lab	2 - 5
	Minecraft Industry & Production Lab	4 - 8
	Drones Lab	4 - 8
	Music Lab	4 - 8

Jul 15 - 19

AM:	Chess I w/ the Knight School Lab	PK - 2
	Minecraft Urban Adventurers Lab	1 - 5
	Coding Creation III Lab	3 - 6
	3D Maker Lab	3 - 6
	MegaBots Lab	4 - 8
	Minecraft Redstone I Lab	4 - 8
	Aeronautical Lab	5 - 8
PM:	Circuits Lab	K - 2
	Hands-on STEAM Lab	1 - 4
	Minecraft 7 Wonders Lab	2 - 6
	Chess I w/the Knight School Lab	3 - 6
	Minecraft Industry & Production Lab	2 - 5
	Marine Bots Lab	3 - 6
	Python Coder Lab	5 - 8

Jul 22 - 26

AM:	Chess II w/ the Knight School Lab	PK - 2
	Circuits Lab	K - 2
	Mechanics in Motion Lab	K - 3
	Minecraft Space Adventurers Lab	1 - 5
	Minecraft Industry & Production Lab	2 - 5
	Aeronautical Lab	5 - 8
	Drones Lab	4 - 8
PM:	Minecraft Biosphere Explorers Lab	K - 4
	Apprentice Coder I & II Lab	1 - 5
	Chess II w/ the Knight School Lab	3 - 6
	Minecraft Redstone II Lab	4 - 8
	Music Lab	4 - 8
	Programming Bots Challenge Lab	4 - 8
	Java Coder Lab	5 - 8

Jul 29 - Aug 2

AM:	Hands-on STEAM Lab	1 - 4
	Minecraft Urban Adventurers Lab	1 - 5
	Apprentice Coder I & II Lab	1 - 5
	Marine Bots Lab	3 - 6
	MegaBots Lab	4 - 8
	Minecraft Redstone I & II Lab	4 - 8
	Music Lab	4 - 8
PM:	Wonder Lab	PK - K
	Battle Bots Lab	1 - 5
	Minecraft 7 Wonders Lab	2 - 6
	Coding Creation III Lab	3 - 6
	Minecraft Atomic Theory Lab	4 - 8
	Fusion 360 I & II Lab	5 - 8
	Aeronautical Lab	5 - 8

Aug 5 - 9

AM:	Minecraft Biosphere Explorers Lab	K - 4
	Minecraft Industry & Production Lab	2 - 5
	3D Maker Lab	3 - 8
	Programming Bots Challenge Lab	4 - 8
	Photoshop Lab	5 - 8
	Web Maker Master w/ JavaScript Lab	5 - 8
	Zane Math Lab	K - 8
PM:	Circuits Lab	K - 2
	Battle Bots Lab	1 - 5
	Minecraft Space Adventurers Lab	1 - 5
	Drones Lab	4 - 8
	Minecraft Redstone I & II Lab	4 - 8
	MegaBots Lab	4 - 8
	Zane Reading Lab	K - 8

Aug 12 - 16

AM:	Minecraft Biosphere Explorers Lab	K - 4
	Zane Reading	K - 6
	Bots Ignite Lab	1 - 4
	Apprentice Coder I & II Lab	1 - 5
	Minecraft 7 Wonders Lab	2 - 6
	Robotics Master - Marine Bots Lab	3 - 6
	Minecraft Atomic Theory Lab	4 - 8
PM:	Wonder Lab	PK - K
	Zane Math	K - 8
	Battle Bots Lab	1 - 5
	Minecraft Space Adventurers Lab	1 - 5
	Coding Creation III Lab	3 - 6
	Marine Bots Lab	3 - 6
	Minecraft Redstone I & II Lab	4 - 8

Aug 19 - 23

AM:	Minecraft Biosphere Explorers Lab	K - 4
	Zane Math	K - 8
	3D Maker Lab	3 - 8
PM:	Minecraft Space Adventurers Lab	1 - 5
	Zane Reading	K - 8
	Bots Ignite Lab	1 - 4

Zane Math and Zane Reading are offered as an AM & PM camp every week upon request.
Min. of 2 campers on group lessons. Private camps also available.

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K-8 STEAM After-School Programs & Camps

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Camp Program Description and Details:

Game-Based Learning: Minecraft Apprentice Lab

Minecraft™ Biosphere Explorers Lab
Grades K - 4

Calling all apprentice Minecraft players! Campers will learn and sharpen their Minecraft computer skills all while learning the science behind the Biosphere. They will learn about biodiversity by exploring different biomes, understand the importance of sustainability, resource management and much more.

Minecraft™ Space Adventurers Lab
Grades 1 - 5

Commercial Space Travel may be just around the corner for this Zaniac generation. Campers are introduced to the International Space Station and space exploration through Galacticraft. Campers learn to build, prepare and launch a rocket. Stops at the Moon and Mars are part of our trip. And given our environmental consciousness, we throw in an extra challenge: Zaniac's Space Junk Clean Up!

Minecraft™ Urban Adventurers Lab
Grades 1 - 5

Zaniac's Minecraft™ Urban Adventurers Lab is designed to groom an environmentally conscious generation of planners through the basics of urban planning, architecture and building design. Campers learn about rapid urban growth, electric sustainability, scarcity of water, and the need to bridge supplies to cities. Campers learn to design and build while bringing their miniature ecofriendly community together.

Minecraft 7 Wonders Lab
Grades 1 - 5

Join us for an engineering tour around the World! In this program campers will learn about the 7 new and ancient architectural Wonders of the World, they will learn about the history, culture and the engineering it took to build them. They will build their own replicas in order to create the 7 Wonders of Minecraft. Each day campers explore one new and one ancient architectural landmark ranging from Egypt, Babylon, Ancient Greece, Rome, India, Mexico, Peru and Jordan.

Game-Based Learning: Minecraft Masters Lab

Minecraft™ Industry and Production Lab
Grades 2 - 5

Students explore the inner workings of manufacturing and heavy industry, ranging from baseline resource gathering to advanced metal production. With the simplified tools provided by Minecraft, students set up working and powered facilities dedicated to creating products from raw materials, and a logistics network that can quickly and efficiently move items to where they are needed.

Minecraft Redstone I Lab
Grades 4 - 8

Game-Based Learning using Minecraft™ Redstone includes challenges that converge physics and engineering. Campers will learn about Newton's laws, physics of liquids while understanding concepts of electricity with Redstone. Redstone is the circuit equivalent in Minecraft™ that allows campers to use electrical engineering concepts to create machines such as a clock or a calculator. Using their creativity and critical-thinking skills, campers will help scientists solve electrical challenges throughout the virtual laboratory.

Minecraft Redstone II Lab
Grades 4 - 8

In this second part of the Game-Based Learning Redstone program, campers will work with advanced electrical engineering challenges that deal with logic puzzles to overcome roadblocks. The engineering design process is a reoccurring theme in this lab; as students design, build and test various types of machines, mob arenas and put their map making skills to the test.

Minecraft Atomic Theory Lab
Grades 4 - 8

In Minecraft Atomic Theory campers will be introduced to the world of chemistry! Campers will learn about atoms, molecules, properties of elements, chemical reactions through various Minecraft challenges, recipes and chemistry-based activities.

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Design Apprentice Lab

3D Maker Lab
Grades 3 - 6

What does it take to become an inventor? 3D Maker Lab will engage campers with online digital creations of 3D models and teach them how to design pieces for 3D Printing using Autodesk TinkerCad™. Students will be immersed in the engineering and design process, printing their own unique and exciting ideas and turning them into a reality.

Design Masters Lab

Music Lab
Grades 5 - 8

Music Lab with Garage Band™ celebrates music by teaching kids how to create exciting beats using Garage Band™. Music Lab is the perfect primer for beginners who want to learn the basics of one of the most popular and accessible DAW (Digital Audio Workstation) programs out there.

Fusion 360 I & II Lab
Grade 5 - 8

Fusion 360 is an advance 3D Printing tool and it's the first 3D CAD, CAM, and CAE tool of its kind, connecting the entire product development process into one cloud-based platform. In this Fusion 360 I & II Lab campers will be introduced to advance 3D printing and designing technics. Zanaic's Fusion 360 helps campers prepare for the future of design!

Photoshop Lab
Grades 5 - 8

This course introduces students to the world of photography and design. Campers will understand the basics of Photoshop to turn a regular photo into a work of art! They will work with layers, enhance images through color correction, edit out scratches from old photos or change the mood on a picture. They will begin to understand how to use filters to manipulate forms and shapes and to export and use their images on videos or movies. With this program campers will learn how to get professional photography results through exploration and creativity!

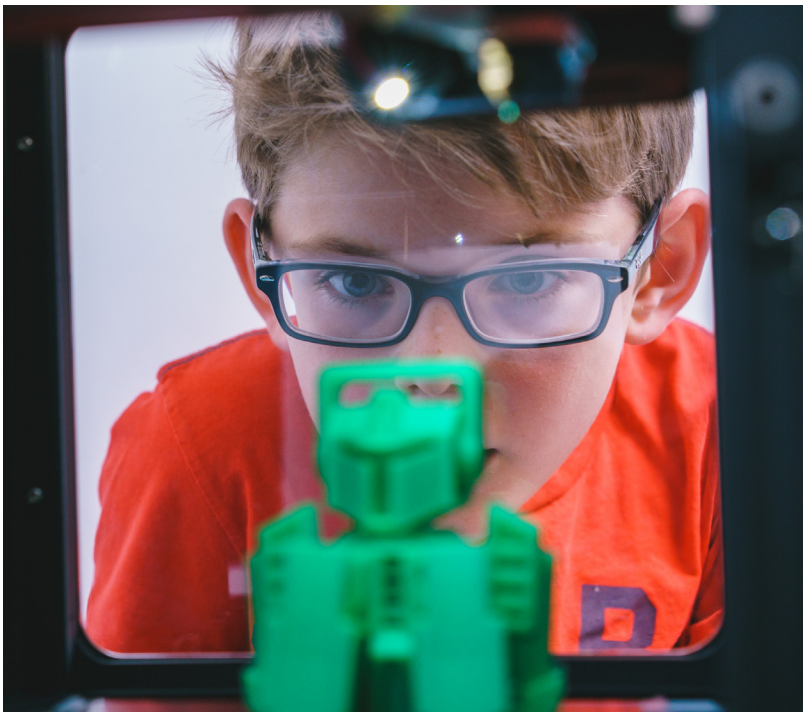
Engineering Apprentice Lab

Mechanics in Motion Lab
Grades K - 3

There is just enough hands-on building to keep the younger learners moving, but at the same time, we will be spending time figuring out how to get machines to make work easier for humans. Brings in the problem solving and critical thinking into equation. Students will learn the principles of Robotics with levers, inclined planes, pulleys, and screws and build motorized mechanisms in teams.

Bots Ignite Lab
Grades 1 - 4

Zaniac's Robotics Ignite LEGO® MINDSTORMS® Camp is designed for campers who are no strangers to LEGO®, but who are ready to immerse in the world of Robotics and learn how the basics of how to build and program robots. Mechanics in Motion is a pre-requisite for this lab.



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Battles Bots Lab

Grades 1 - 5

Keeping it safe and keeping it fun, campers in Battle Bots Lab with LEGO® MINDSTORMS® will research, design and build futuristic cyborgs, ferocious dinosaurs, and fighting robots incorporating features like motion sensitivity, functional claws and wheels and legs that keep them on the move to participate in the ultimate battle.

Engineering Masters Lab

MegaBots Lab

Grades 4 - 8

Keeping it safe and keeping it fun, students in Zaniac's MegaBots LEGO® MINDSTORMS® Camp will research, design and build futuristic cyborgs, ferocious dinosaurs, and animal looking robots incorporating features like motion sensitivity, functional claws, and hands that grab and lift objects, and wheels and legs that keep them on the move. Students learn the principles of Robotics and Programming.

Marine Bots Lab

Grades 3 - 6

Water robotics is what this camp is all about! Students will design, build and program robots that will be submerged in a mini pool and solve challenges like swimming across the pool, rescuing objects from the bottom and much more. Campers will learn principles of robotics, programming, and teamwork.

Programming Bots Challenge Lab

Grades: 4 - 8

This is an advance Robotics Programming Challenge where campers will be able to expand on their programming skills to solve robotic challenges through coding. They will have to program their robot to navigate through courses, mazes and identifying obstacles by using & coding sensors to overcome these obstacles.

Drones Lab: Engineering takes Flight

Grades 4 - 8

The intersection of engineering and computer science takes flight with Drones! In Engineering Takes Flight, campers learn about drones and will use creativity and critical-thinking skills to successfully engineer the design and code behind two drone models. Students will discuss nature's influence on the technology and the design of drones. Students explore physics and geometry to understand how the anatomy of a drone supports its course of flight and how to program their drone with block programming commands to pilot their drone's flight path. By combining these concepts, students will complete a variety of hands-on challenges and understand the real-world applications of drone technology.

Aeronautical Lab

Grades 5 - 8

Campers will explore a whole new universe by creating and managing their own space program. They learn aerospace engineering, the physics of space travel, orbital mechanics and much more by designing, testing, and launching airplanes and rockets to complete a series of missions.

Circuits Lab

Grades Pre-K - 1

Zaniac's Circuits Lab is a fantastic introduction to the world of electronics. With LittleBits™, campers learn about basic inputs, outputs, analogs, electricity, and more. Students build prototypes of their own inventions exploring the world through the lens of easy-to-build magnetic circuits.

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Coding Apprentice Lab

Wonder Lab
Grades Pre-K - K

Zaniac's Wonder Lab is design for our youngest of campers to spark their natural curiosity in STEAM through play by using LEGO DUPLO bricks in conjunction with coding express a program developed by LEGO Education. Coding Express uses playful faces, storytelling activities, and hands-on activities to help them develop social and emotional skills.

Coding Apprentice I + II Lab
Grades 1 - 4

Zaniac's Coding Apprentice Lab offers two introductory levels to coding. It starts with Apprentice Coder with Scratch for the true beginners when finished they can sign up for Apprentice Coder II. In these two camps, they learn basic computer programming skills such as sequences, loops, iterative development, and debugging using a modern, block-based approach. Students create fun animations, videos and games.

Coding Creation III Lab
Grades 3 - 6

In Zaniac's Creation Lab III campers will apply all the concepts learned on Coding I & II to create their own animation or interactive game. They will have to concept their entire game, including setting, story, characters, dialogue and game play.

App Maker Lab
Grades 2 - 4

Learn basic computer programming techniques while building a simple Android-based mobile phone or tablet game using MIT App Inventor. Learn and use real development techniques like event handlers, timers, lists, database management, and script generation to go from concept to a functional application that is yours to keep.

Coding Masters Lab

Python Coder Lab
Grades 5 - 8

Given how many of the common functionalities that programmers need are already built into this programming language, Python is a fantastic language for intermediate coders ready to transfer programming ideas into instructions that the machine can interpret. Python Coder Lab takes your young coders to this next level.

Java Coder Lab
Grades 5 - 8

This is the perfect camp with students at an intermediate level of coding and a drive to create! Campers learn the basics of Java, a "write once, run everywhere" language. Explore principles like variables, classes, methods, code efficiency, and automation, all while building a text adventure game, a calculator, and more.

Web Maker Apprentice Lab
Grades 4 - 8

In Web Design camp, students create their own website, going from concept to functional hosted site. Campers will learn the basics of the HTML5 and CSS3 web languages, layout strategies, color theory, and responsive web design. Start by brainstorming your initial concept, wireframing a template in Moqups, building in Weebly, and tweaking the HTML and CSS to dial in the design. Web Design students also learn about site maintenance, including UX feedback, testing, updates, domain management, and hosting.

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Web Maker Master w/ JavaScript Lab

Grades 5 - 8

Make things happen on a web page! Understand the programming language of JavaScript and become a website developer in training. Watch what you can make happen on a web page with JavaScript and how to use it to alter HTML coding. Change text and images on a website. Run calculations. Write expressions and learn how to use pop-ups. Understand what parts of a website use JavaScript, enhance your skills reading and writing JavaScript, and know how JavaScript affects a website.

Scholars Lab

Zane Math

Grades Pre-K - 8

Our fun-filled approach to math (you can draw on our glass walls!) keeps you eager to come to camp every day! We customize a math program for your child from our 14,000 math problem database based on your child's individual Math Assessment.

Zane Reading

Grades K - 6

This Summer your child can enjoy a motivating rewards-based approach to reading science-based nonfiction & earn tokens to watch cool science videos & read science-magazines! Our reading camp uses an award-winning program from Readorium that will increase vocabulary knowledge and reading comprehension skills, improve strategic-thinking & study skills while developing a love for books!

Chess with the Knight School Lab

Grades Pre-K - 6

Zaniac and the Knight School join forces to bring back Chess, a summer camp favorite! The Knight School has perfected the art of teaching chess to young kids in a fun and engaging way and this summer you can join them at Zaniac.

STEAM Quest Lab

Hands-On STEAM Lab

Grades 1 - 4

In Zaniac's Hands-On STEAM students will dive into science and engineering exploration activities to bust science myths. Each day they will conduct and experiment in a different science field, such as; biology, chemistry, physics and engineering. Join us and put your science theories to the test!

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