# Tampa



# 2024 Summer Camp Guide

More Friends!

More Fun!

In partnership with



1309 W Swann Ave Tampa, FL 33606



# Camp Basics



WHO Campers between the ages of 4 and 15

WHAT Project-based, hands-on, STEAM-focused summer camps

WHERE Apollo Academy in Hyde Park (1309 W Swann Ave Tampa, FL 33606)

WHEN 8 weeks of summer camps from June 3rd to August 2nd

Camps are 9am-4pm Monday-Friday with options for before and after care Half-day options available for Discovery Camps (Ages 4-8) (AM & PM options)

No camp the week of July 4th

WHY Because we believe children learn best by doing, moving & trying new things

**HOW** Register online at <a href="https://esteamlearninglabs.com/location/tampa">https://esteamlearninglabs.com/location/tampa</a>

WHAT TO BRING: Lunch, snacks, water bottle and a positive attitude



#### Cost Per Student

Half Day, 5 Days: \$245

Full Day, 5 Days: \$435

Early Drop-off: \$50

Late Pick-up: \$100

#### USE CODE MARCH16 FOR 16% OFF THROUGH 3/31

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# Camp Schedule



TAMPA		DISCOVERY						VIDEO			
		SCIENCE	ART	MUSIC	TECH	ROBOTICS & ENGINEERING	ART	PERFORMING ARTS	PRODUCTION & Technology	SCIENCE	
6/3	-	6/7	<b>6/7</b> Around the World			Battlebots	Digital Art	Acting & Improvisation	LEGO Movie Making	Forensic Science	
6/10	-	6/14	Pirate Camp			Spy Bots/Drones	Comic book Creation	CosPlay Creations	U-Tubers - Gamers Unite	LEGO Amazing Machines	
6/17	-	6/21	Games, Games, Games			Smart Moves	Intro to Art	Musical performance - (2 WEEKS)	Lights! Camera! Action! Video Production	Movie Science	
6/24	ı	6/28	Super Heros			Space/Drones	Board Game Creators		LEGO Movie Making (ADV)	LEGO Fun & Games	
7/1	-	7/5				HOLIDAY BREAK					
7/8	ı	7/12	In <sup>1</sup>	In the Wild (animals)		Spy Bots/Drones	Digital Art	Acting & Improvisation	LEGO Movie Making	Forensic Science	
7/15	-	7/19	Ocean Exploration		Smart Moves	Comic book Creation	CosPlay Creations	U-Tubers - Makers Unite	LEGO Amazing Machines		
7/22	_	7/26		All About Space		Space/Drones	Intro to Art	Musical performance	Lights! Camera! Action! Video Production	Movie Science	
7/29	-	8/2		Nat	ure		Battlebots	Board Game Creators	(2 WEEKS)	LEGO Movie Making (ADV)	LEGO Fun & Games

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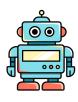
# Discovery Camps

Ages 4-8









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Discovery courses are perfect for our youngest campers ages 4-8. Come join us for a time of discovery as we dive into theme-based projects and activities that explore all aspects of STEAM: Science & Nature, Technology, Engineering, Art, Music, Movement, & More! See the Camp Schedule on Page 2 for the themes by week.

Each day is filled with fun activities ("Labs") and STEAM-focused projects. Campers will engage in interesting experiments, crafts, and games that engage their curiosity and critical thinking.

Discovery is a great opportunity to introduce campers to a variety of programs that kickstart their love for learning and help them find their unique passions. Campers will have a blast learning alongside their friends in these hands-on and collaborative projects!

#### Typical Daily Schedule

Start Time	End Time	Monday	Tues-Thurs	Friday		
8:30 9:00		Early Drop-Off				
9:00	9:15	Launch/Arrival				
9:15	10:15	Discovery guardrails	Outside Fun & Games			
10:15	10:45		Snack break			
10:45	11:45	Lab tours	Music & Movement	Inside Fun & Games		
11:45	12:45	Lunch/Outside				
12:45	1:45	Art	Movie & Treat			
1:45	2:15		Snack break			
2:15	3:15	Tech & Engineering	Tech & Engineering	Movie & Treat		
3:15	3:30	Clean up/Close				
3:30	4:00	Play				
4:00	5:30	Late Pick-up				

### LEGO ROBOTICS

### Ages 8-15

#### SKILLS DEVELOPED:

- Critical thinking
- Collaboration & cooperation
- Attention to detail
- Project/time management
- Coding/ Drone piloting
- Operating technology
- Creativity/Innovation
- Engineering process
- Awareness of ethical implications of modern technology



#### **Typical Daily Schedule**

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Start Time	End Time	Monday	Tues-Thurs	Friday	
8:30	9:00	Early Drop-Off			
9:00	9:15	Launch/Arrival			
9:15	10:15	Intro Kits & Programs	Robot Engineering	Last Call Projects	
10:15	10:45	Snack break			
10:45	11:45	Robot Engineering	Robot Coding	Presentations	
11:45	12:45	Lunch/Outside			
12:45	1:45	Intro to Drones	Drone Coding	Kit Clean-up	
1:45	2:15		Snack break	•	
2:15	3:15	Drone Projects	Drone Coding	Party	
3:15 3:30		Clean up/Close			
3:30 4:00		Play			
4:00 5:30		Late Pick-up			

# LEGO ROBOTICS

Ages 8-15

ESTEAM LEARNING LABS

**AGES 8-15** 

#### BATTLE BOTS —

WEEKS OF 6/3 & 7/29



Get ready to build, program, and battle at LEGO® Battle Bots! This exhilarating camp is perfect for young engineers and LEGO® enthusiasts eager to dive into the world of robotics and competition. In this specialized camp, campers will work in teams to design and build motorized battle robots that operate mechanical lifts, drills, ramps, and more. Through a series of practice battles and time reconfiguring their robots, campers will design robots capable of overcoming others. the robots will eventually battle "to the death," and the designers of the "last robot standing" for each round will be the winners.

AGES 8-15

#### DRONES & ROBOTS: SPY BOTS -

WEEKS OF 6/10 & 7/8



Young minds eager to dive into the realm of robotics and aerial technology will love this merged course. Campers will embark on a thrilling journey of learning, creativity, and innovation. This course will include engineering, coding, and flight practice to bolster students' skills regarding these modern technologies.

What do covert operations, reconnaissance missions, and cybersecurity have in common? Spy Bots. This themed camp takes robots and drones to the next level by integrating them with the latest Spy Bot technology. Become the secret agent of tomorrow!

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# LEGO ROBOTICS

Ages 8-15



**AGES 8-15** 

# LEGO® ROBOTICS: SMART MOVES WEEKS OF 6/17 & 7/15



In this immersive and hands-on camp, campers will step into the future of transportation, learning how to build and program autonomous LEGO® robots that can navigate through a variety of challenges. This camp is designed for advancing engineers eager to explore the intersection of robotics and transportation while deepening their understanding of robotics and coding. Campers will spend time building different vehicles (Bumper cars, ATVs, Drag race cars, and others) and testing them on custom tracks. They will discover how these systems are transforming the way we move in the 21st century.

**AGES 8-15** 

#### DRONES & ROBOTS: SPACE WEEKS OF 6/24 & 7/22



Young minds eager to dive into the realm of robotics and aerial technology will love this merged camp. Campers will embark on a thrilling journey of learning, creativity, and innovation. This camp will include engineering, coding, and flight practice to bolster students' skills regarding these modern technologies.

Why limit our technology and curiosity to the Earth we live on? This camp will include simulated drone-space missions and astro-engineering challenges. Join us in our fascination with the cosmos and the technology that explores it!

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# Visual Arts Design & Creation Ages 8-15



#### **SKILLS DEVELOPED:**

- Critical thinking
- Collaboration & cooperation
- Time management
- Storytelling/Game desgin
- Self-expression
- World building/Character creation
- Drawing and illustration
- Creative problem solving
- Art fundamentals & techniques
- Adaptability and exploration
- Digital art literacy



#### **Typical Daily Schedule**

Start Time	End Time	Monday	Tues-Thurs	Friday
8:30	9:00	Early Drop-Off		
9:00	9:15	Launch/Arrival		
9:15	10:15	Intro Kits & Programs	Art Focus	Finishing Touches
10:15	10:45	Snack break		
10:45	11:45	Creation/Desgin	Creation/Desgin	Presentations/ Shows
11:45	12:45	Lunch/Outside		
12:45	1:45	Art Elements	Creation/Design	Clean-up
1:45	2:15		Snack break	
2:15	3:15	Art Challenges	Art Challenges	Party
3:15	3:30		Clean up/Close	
3:30	4:00	Play		
4:00 5:30			Late Pick-up	

# Visual Arts Design & Creation Ages 7-15



**AGES 8-15** 

#### DIGITAL ART -

WEEKS OF 6/3 & 7/8



Calling All Digital Artists! This camp is designed to support student artists working with computerized art tools. Our camp provides a comfortable studio setting for studies in digital creativity, technical research, and constructive feedback. All new and experienced artists are welcome to work independently, with others, or with their guide. As a collaborative group, we will provide work together to overcome creative challenges and collectively learn more bout digital art. Campers will develop skills using the latest digital tools and software. They will explore different styles of digital art such as cartooning, anime, and realism.

AGES 8-15

#### **COMIC BOOK CREATION**

WEEKS OF 6/10 & 7/15



Welcome to a camp where your imagination leaps off the page! This camp is your gateway to the amazing universe of comic book creation. Perfect for new artists, creative storytellers, and fans of all things comics! Join our talented team of graphic artists and comic book gurus to create your very own heroes and stories! In this camp, campers will explore the history and lore of traditional comic books. They will be guided on creating their heroes and telling their unique stories. This program will combine writing and drawing and will challenge the students to share their vision through words and images.

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# Visual Arts Design & Creation Ages 8-15



**AGES 7-15** 

#### INTRO TO ART AND DESIGN-

WEEKS OF 6/17 & 7/22



Dive into the world of art in this course that will provide camps with an exciting and creative environment to focus on what inspires them the most. Intro to Art and Design provides the perfect canvas for campers who love to dream, draw, and discover.

Campers will be learning the fundamental building blocks for art and design, and they will be provided with an encouraging space to let their creativity flow. We want to motivate our young creatives to set new paths for greater possibilities by building personal portfolios to take home at the end of the week.

**AGES 8-15** 

#### **BOARD GAME CREATORS-**

WEEKS OF 6/24 & 7/29



Playing board games is not just an engaging way to make friends, learn problem-solving skills, and have fun. Board games are also an up-and-coming industry with many fanatics. In this camp, campers learn about art, gameplay, and design as they create their own board game, honing in their entrepreneurial skills! Throughout the camp, students will play different types of board games and then work in teams to design a Board Game. They will then pitch that board game to each other, hoping that their game will be chosen to receive the ultimate Players' Choice Award!

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# Performing Arts Ages 7-15

# ESTEAM LEARNING LABS

#### **SKILLS DEVELOPED:**

- Critical thinking
- Collaboration and cooperation
- Attention to detail
- Time management
- Creativity
- Costume & set design
- Self confidence
- Acting/Emotional expression
- Adaptability
- Storytelling/ Character development
- Sewing/crafting



#### **Typical Daily Schedule**

Start Time	End Time	Monday	Tues-Thurs	Friday	
8:30	9:00	Early Drop-Off			
9:00	9:15	Launch/Arrival			
9:15	10:15	Intro to Programs	Creating & Acting	Finishing Touches	
10:15	10:45	Snack break			
10:45	11:45	Group Games	Creating & Acting	Showcase	
11:45	12:45	Lunch/Outside			
12:45 1:45		Challenges	Creating & Acting	Clean-up	
1:45 2:15		Snack break			
2:15 3:15		Creating & Acting	Creating & Acting	Party	
3:15 3:30		Clean up/Close			
3:30	4:00	Play			
4:00 5:30		Late Pick-up			

# Performing Arts Ages 8-15



**AGES 7-14** 

#### **ACTING AND IMPROV**

WEEKS OF 6/3& 7/8



Allow your imagination to take center stage! Through a variety of games, exercises, and scene work, campers will explore the fundamentals of acting and the thrilling world of improvisation. The camp is great for both campers with goals as an actor, as well those who are simply curious about the craft. Campers will overcome fears, develop self confidence, and learn to express themselves. They will learn how to pay attention in the moment while adapting their character to the changing environment. Campers will be able to perform a monologue or scene at the completion of the course.

AGES 8-15

#### COSPLAY CREATIONS

WEEKS OF 6/10 & 7/15



This camp is perfect for all aspiring cosplayers and craft enthusiasts. Our camp offers an exciting journey into the art of cosplay. This hands-on course will encourage creativity and help bring your camper's favorite character to life. They will learn costume design, special effects makeup skills, and how to create props.

Campers will utilize costumes, props, and makeup to bring their creative vision to life. Guided through alteration and design processes, they'll curate their desired outcomes.

The culmination includes a photo shoot where campers showcase their creations.

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# Performing Arts Ages 8-15



AGES 8-15

THIS CAMP IS TWO WEEKS

WEEKS OF 6/17 & 7/22

#### THEATRE ARTS: MUSICAL PERFORMANCE -



It's time to take the stage! This two-week course is designed for campers with a passion for performance and a desire to express themselves creatively. Campers will gain experience in theatre arts productions (musical & non-musical), play/poem reading, writing workshops, set design, and more. The highlight of the camp will be preparing for a grand musical performance! Performers will have the chance to shine on stage in a musical that will showcase all the skills they have learned. Campers of all skills and experience are welcome to take part in this theatrical journey.



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# ESTEAM LEARNING LABS

#### **SKILLS DEVELOPED:**

- Critical thinking/ persistence
- Collaboration and cooperation
- Online safety
- Fine motor skills
- Storytelling/Creativity
- Basic cinematography
- Time management
- Filing & graphic design
- Editing and post-production skills



#### Typical Daily Schedule (Activities vary per camp)

Typical Party College (moderning)							
Start Time	End Time	Monday	Friday				
8:30	9:00	Early Drop-Off					
9:00	9:15	Launch/Arrival					
9:15	10:15	Intro to Equipment/Programs Creation/Design/Filming Final Edits					
10:15	10:45	Snack break					
10:45	11:45	Personal Branding/ Brainstorming/Movie Making basics  Creation/Design/Filming		Final Edits/Screening			
11:45	12:45	Lunch/Outside					
12:45	1:45	Outlining/Feedback/Movie Making Basics Creation/Design/Filming Presentation					
1:45	2:15	Snack break					
2:15	3:15	Outlining/Feedback/Movie Making Basics Group Feedback/Editing		Party			
3:15	3:30	Clean up/Close					
3:30	4:00	Play					
4:00	5:30	Late Pick-up					



**AGES 6-9** 

#### LEGO® MOVIE MAKING -

WEEK OF 6/3



Get ready to transform those colorful bricks into epic, stop-motion adventures! In this creative camp, Campers will work in pairs to create a short story, draw it out, build it with LEGO® bricks, and bring it to life on film. Go from LEGO® enthusiast to movie director! In each session, campers will create their own movie complete with sound effects and music. From brainstorming ideas, developing plots, to designing and building LEGO® sets, campers will have the opportunity to create their very own cinematic masterpiece.

AGES 8-15

#### U-TUBERS: GAMERS UNITE! —

**WEEK OF 6/10** 



This engaging camp is designed for students who have a passion for gaming and want to learn how to create their own video content. Any up-and-coming You-Tuber will love this crash course in content creation!

Campers will spend their time exploring various aspects of video game content creation, including gameplay recording, video editing, narration, and live streaming. Once the footage has been captured, campers will work together to edit and deliver the footage.

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**AGES 8-15** 

#### LIGHTS! CAMERA! ACTION!

WEEKS OF 6/17 & 7/22



Welcome to a hands-on, fast-paced program that allows campers to work directly with professionals in the field of industrial film and video production. Campers produce, direct, light, shoot, and edit like experts as they create content for that week's camp.

Campers will start with the pre-production process: outlining ideas, creating a resources list, and crafting stories and objectives. Then they will dive straight into creating content and learning the post-production process. Campers will collaborate on ways to market and promote their content and build an engaging audience.

AGES 8-15

#### LEGO® MOVIE MAKING ADVANCED

WEEKS OF 6/24 & 7/29



Get ready to transform those colorful bricks into epic, stop-motion adventures! In this creative camp, campers will work in pairs to create a short story, draw it out, build it with LEGO® bricks, and bring it to life on film. Go from LEGO® enthusiast to movie director! In each session, students will create their own movie complete with sound effects and music. From brainstorming ideas, developing plots, to designing and building LEGO® sets, students will have the opportunity to create their very own cinematic masterpiece.

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**AGES 8-15** 

#### U-TUBERS: MAKERS UNITE!





This engaging course is designed for campers who have a passion for creating and want to learn how to produce their own video content. Any up-and-coming You-Tuber will love this crash course in content creation!

Campers will spend their time exploring various aspects of content creation, including creating short form content, lifestyle shows, product reviews, current events and more! Once the footage has been captured, campers will work together to edit and deliver the footage.



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# ESTEAM LEARNING LABS

#### **SKILLS DEVELOPED:**

- · Critical thinking
- Collaboration and cooperation
- Creativity
- Engineering/Mathematical concepts
- Technology literacy
- Resourcefulness/Innovation
- Presentation skills
- Understand scientific method
- History of movie science
- Safety awareness
- · Forensic technology/Criminal justice knowledge
- Ethical awareness









**AGES 8-14** 

#### FORENSIC SCIENCE —

WEEKS OF 6/3 & 7/8



This interactive and project-oriented forensics course is designed to engage campers in this truly fascinating area of science! In the Forensics Lab, campers will learn investigative techniques and use chemistry, biology, and physics throughout the course to solve mysteries. They'll learn how forensic experts use science to discover hidden clues left behind at crime scenes and how investigators solve difficult cases.

Jr. Detectives will become immersed in the roles of crime scene investigators as they work together to collect and analyze evidence needed to solve the mystery!

AGES 6-9

## WEEKS OF 6/10 & 7/15 LEGO® MAKER: AMAZING AMUSEMENT PARK ———



Welcome to our LEGO® Maker courses, where imagination meets innovation! Aimed at sparking the curiosity of young minds, these courses promote discovery and experimentation as campers learn to piece together the same bricks in new ways.

Amazing Amusement Park highlights the design and building process of LEGO® Robotics. Campers will have to think outside the box as they build big and build even bigger! Young builders will learn the principles of mechanical engineering and eventually get to build their own amazing amusement park ride!

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AGES 6-12

#### **MOVIE SCIENCE**—

WEEKS OF 6/17 & 7/22



Embark on an exciting journey to discover the science hidden in movies! In this interactive and engaging camp, we explore the fascinating world of science through the lens of popular films. Through discussions, hands-on experiments, and creative activities, students will develop critical thinking skills while having a blast. Campers will then take what they have learned and recreate a movie scene that they will share with their peers. Campers will leave with a deeper appreciation for the wonders of science and how it shapes the world of cinema. Join us for a movie-filled adventure where science and imagination collide!

**AGES 6-9** 

# LEGO® MAKER: FUN AND GAMES WEEKS OF 6/24 & 7/29



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Welcome to our LEGO® Maker camp, where imagination meets innovation! Aimed at sparking the curiosity of young minds, these courses promote discovery and experimentation as students learn to piece together the same bricks in new ways.

Fun and Games brings science concepts like energy and motion to life! Campers will learn about energy conversion and collision by building and experimenting with robots that replicate some of their favorite games like mini-golf, bowling, and hockey. By the end, campers will create a new game using the concepts they learned!



AGES 8-14

#### ADVANCED LEGO MOVIE MAKING

WEEKS OF 6/24 & 7/29



Get ready to transform those colorful bricks into epic, stop-motion adventures! In this creative camp, campers will work in pairs to create a short story, draw it out, build it with LEGO® bricks, and bring it to life on film. Go from LEGO® enthusiast to movie director! Campers will create their own movie complete with sound effects and music. From brainstorming ideas, developing plots, to designing and building LEGO® sets, students will have the opportunity to create their very own cinematic masterpiece

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https://esteamlearninglabs.com/location/tampa/

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