

# ROUND ROCK



## 2025 Summer Camp Guide

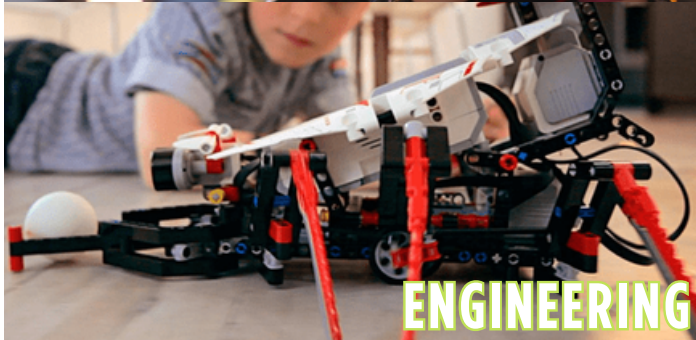
**Ignite a Love  
for Learning!**

**In partnership with**

ENTREPRENEURSHIP - SCIENCE - TECHNOLOGY - ENGINEERING - ARTS - MATHEMATICS



12 LAKE DR, ROUND ROCK TX 78665





# About ESTEAM Learning Labs

## Mission

ESTEAM Learning Labs empowers students to discover their passions and become leaders challenging and inspiring our world.

## Vision

To build educational communities that are fun and engaging where children gain confidence, critical thinking, and problem-solving skills that develop character and self-expression through collaborative and leadership practices.

## Values

- **Empowerment:** Giving both voice and choice to our learners.
- **Love for Learning:** Embracing mistakes and successes.
- **Relevance:** Project-based learning tailored to our learners.
- **Access:** Creating space to include learners of all abilities.
- **Collaboration:** Developing community and accountability through teamwork.

In partnership with





# Camp Basics

- WHO** Campers between the ages of 4 and 15
- WHAT** Project-based, hands-on, STEAM-focused summer camps
- WHERE** ESTEAM Academy, 12 Lake Dr, Round Rock TX
- WHEN** 7 weeks of summer camps from June 9th to August 1st  
Camps are 9AM - 4PM Monday-Friday; Half-day options available for Discovery Camps (Ages 4-7) (AM & PM options)
- WHY** Because we believe children learn best by doing, moving & trying new things
- HOW** Register online at <https://esteamlearninglabs.com/location/esteam-academy-round-rock-tx>
- WHAT TO BRING:** Lunch, snacks, water bottle and a positive attitude



## Cost Per Camper

Half Day, 5 Days: \$255

Full Day, 5 Days: \$450

Check out our Summer Fun Pass  
for 33% to 50% Off!

## ESTEAM LEARNING LABS SUMMER FUN PACKAGES

3 WEEKS	4 WEEKS	5 WEEKS	6 WEEKS	7 WEEKS
<b>\$904</b>	<b>\$1,152</b>	<b>\$1,372</b>	<b>\$1,566</b>	<b>\$1,701</b>
Regular Cost: \$1,350 Savings \$450 Cost per Camp \$301	Regular Cost: \$1,800 Savings \$600 Cost per Camp \$288	Regular Cost: \$2,250 Savings \$877 Cost per Camp \$274	Regular Cost: \$2,700 Savings \$1,134 Cost per Camp \$261	Regular cost: \$3,150 Savings \$1,701 Cost per Camp \$243



# Camp Schedule

Week	Discovery STEAM Camps (Ages 4-7)	ESTEAM Learning Labs Camps (Ages 7-15)	
6/9 - 6/13	Mad science	Survivor Pro: Life Skills & Adventures	Spy bots & Drones
6/16 - 6/20	Pirates and Mermaids	Fusion Robotics: Master the Bots	U-Tubers Makers Unite
6/23 - 6/27	Carnival Fun & Games	LEGO® Cinematic Adventures: Movie Making Camp	Battle Bots
7/7 - 7/11	Superhero Training Camp	STEM Challenge Lab: Build & Innovate	Digital art
7/14 - 7/18	Creative Visionaries: Intro to Art & Design	Upcycle Art: Fashion & Fabric Reimagined	LEGO Engineering & Coding; Smart Moves
7/21 - 7/25	Insect Investigators	Forensic Science: Junior Detective Lab	LEGO Robotics: Amazing Machines
7/28 - 8/1	Safari Rangers	Game Masters: Create, Play & Pitch Your Own Board Game	Battle Bots
7/28 - 8/1		Lights! Camera! Action!	U-Tubers Games Unite
<b>7/28 - 8/1 (2 Weeks)</b> <b>Teen Filmmaking Camp</b>			

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Register online at <https://esteamlearninglabs.com/location/tampa>



# Discovery Camps

## Ages 4-7



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 CAMP SCHEDULE

### Monday

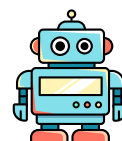
15 Min: Launch/Arrival  
1 Hr: Discovery Gardrails  
30 Min: Snack break  
1 Hr: Lab Tours  
1 Hr: Lunch/Outside Break  
1 Hr: Arts & Craft  
30 Min: Snack break  
1 Hr: Tech & Engineering  
15 Min: Clean up/Go home

### Tuesday - Thursday

15 Min: Launch/Arrival  
1 Hr: Science & Nature  
30 Min: Snack break  
1 Hr: Music & Movement  
1 Hr: Lunch/Outside Break  
1 Hr: Arts & Craft  
30 Min: Snack break  
1 Hr: Tech & Engineering  
15 Min: Clean up/Go home

### Fun Fridays

15 Min: Launch/Arrival  
1 Hr: Outside Fun & Games  
30 Min: Snack break  
1 Hr: Inside Fun & Games  
1 Hr: Lunch/Outside Break  
1 Hr: Movie & Ice Cream  
30 Min: Snack break  
1 Hr: Movie & Ice Cream  
15 Min: Clean up/Go home



# DISCOVERY CAMP: PIRATES AND MERMAIDS



**Ages 4 - 7**

Ahoy, mateys! Set sail for an imaginative adventure in Pirates and Mermaids camp! Campers will build their own pirate ships using recycled materials, then test them in a 'sink or float' challenge to see which designs hold treasure the best!

They'll also create mermaid-inspired ocean art, discover real sea creatures, and embark on treasure hunts that ignite their imagination and immerse them in the magical world of pirates and mermaids. A splash of fun and discovery awaits!

## CAMP HIGHLIGHTS

### SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Team Games & Fun

Snack & Free Play

Lab 2: Art Adventures

Music & Movement

Lunch & Free Play

Lab 3: STEM Exploration

Lab 4: Science Station

Reflect & Close

Outdoor Free Play

### Treasure Map Creation

Design tea-stained treasure maps and use them to hunt for hidden gold coins and pirate treasures around the camp.

### Ocean Science Fun

Explore ocean currents by observing how cold water sinks and warm water rises using colorful water and ice cubes.

### Pirate Ship Engineering

Build and decorate a life-size pirate ship from cardboard and recyclables, then "sail" on imaginative pirate adventures.

### Mermaid Crown and Tail Crafting

Create sparkling mermaid crowns and colorful tails with sequins, glitter, and fabric, transforming into magical sea royalty.

## CAMP BASICS

Camps are designed to inspire a love of learning and ignite curiosity.

Camps are weekly Monday- Friday, 8:30-3:30

Campers bring their own lunch, snacks and water bottle.

# DISCOVERY CAMP: SAFARI RANGERS



Ages 4 - 7

In Safari Rangers week, campers will step into the shoes of wildlife rangers and embark on a thrilling journey through the animal kingdom. Campers will also become zookeepers, creating their own 'animal enrichment toys' out of everyday materials, just like real zookeepers do to keep animals active and happy.

From building miniature animal shelters to learning how zookeepers care for animals, this week is packed with fun, discovery, and teamwork. Get ready for an action-filled safari experience your little rangers won't forget!

## CAMP HIGHLIGHTS

### SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Team Games & Fun

Snack & Free Play

Lab 2: Art Adventures

Music & Movement

Lunch & Free Play

Lab 3: STEM Exploration

Lab 4: Science Station

Reflect & Close

Outdoor Free Play

### Bird Beak Experiment

Discover how different bird beaks work by testing how they grab and eat various foods in this hands-on science activity.

### Hidden Animals Camouflage Craft

Create and hide camouflaged animals to learn how wildlife blends into its surroundings to avoid predators.

### Build a Safari Vehicle

Design and construct safari vehicles using cardboard and wheels, then test them on a "bumpy" adventure track.

### Zookeeper Enrichment Toys

Make enrichment toys out of everyday materials to keep animals active and engaged, just like real zookeepers!

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# DISCOVERY CAMP: MAD SCIENCE



**Ages 4 - 7**

Welcome to the world of bubbling potions, flying objects, and scientific wonders! During Mad Science week, campers will conduct a variety of exciting experiments that explore multiple areas of science. They'll create their own 'volcano eruption, build paper rockets to explore basic aerodynamics, and make slime to learn about chemical reactions.

This action-packed week is perfect for curious young scientists eager to explore the wonders of chemistry, physics, and more!

## CAMP HIGHLIGHTS

### SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Team Games & Fun

Snack & Free Play

Lab 2: Art Adventures

Music & Movement

Lunch & Free Play

Lab 3: STEM Exploration

Lab 4: Science Station

Reflect & Close

Outdoor Free Play

#### **Glow-in-the-Dark Slime Creations**

Campers will mix ingredients to create glow-in-the-dark slime, learning about the properties of phosphorescent materials and polymers.

#### **Bubble Geometry Experiment**

Explore the science of shapes by creating geometric bubble structures with straws and soap solution, observing how surface tension forms bubbles.

#### **Instant Freeze Water Trick**

Discover the phenomenon of supercooled water by turning liquid into ice instantly.

#### **DIY Hovercrafts**

Build small hovercrafts with CDs and balloons, watching them glide as campers learn about air pressure and friction.

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# DISCOVERY CAMP: CARNIVAL FUN & GAMES



**Ages 4 - 7**

Ready, set, play! Campers will jump into a world of circus fun, where every day brings a new adventure. They'll not only explore classic games, but also design and build their very own carnival-style games using recycled materials—think ring tosses, bean bag throws, and obstacle courses!

They'll also participate in team-based relay races that teach the importance of sportsmanship, teamwork, and cheering on their friends. With outdoor challenges, creative games, and plenty of hands-on fun, this week will keep young campers active, engaged, and excited to play!

## CAMP HIGHLIGHTS

### SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Team Games & Fun

Snack & Free Play

Lab 2: Art Adventures

Music & Movement

Lunch & Free Play

Lab 3: STEM Exploration

Lab 4: Science Station

Reflect & Close

Outdoor Free Play

### Mini Ferris Wheel Engineering

Design and build their own working Ferris wheel models using craft sticks, cardboard, and axles, learning about balance and engineering in a fun way.

### Blindfolded Obstacle Course

Work in pairs to navigate an obstacle course using only verbal directions, fostering communication and trust.

### Life-Sized Candy Land Creation

Transform the play area into a life-sized Candy Land game, designing colorful zones and playing as your own game pieces.

### Recyclable Carnival Game Creations

Design and build carnival games using recycled materials, then compete and play to win tickets and prizes.

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# DISCOVERY CAMP: INSECT INVESTIGATORS



Ages 4 - 7

Get your magnifying glasses ready for a week of outdoor discovery in Insect Investigators! Campers will explore the fascinating world of insects and plants, learning how even the tiniest creatures play a big role in nature. They'll conduct a fun 'bug habitat' experiment, where they observe how different types of soil, leaves, and rocks create ideal homes for various insects. Campers will also go on bug scavenger hunts, create insect art, and build their very own 'bee hotels' to help our pollinator friends. It's a week full of science, creativity, and outdoor adventure for curious little explorers!

## CAMP HIGHLIGHTS

### SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Team Games & Fun

Snack & Free Play

Lab 2: Art Adventures

Music & Movement

Lunch & Free Play

Lab 3: STEM Exploration

Lab 4: Science Station

Reflect & Close

Outdoor Free Play

### Insect Anatomy Puzzles

Build puzzles of insect anatomy, learning about body parts like antennae, wings, and legs while assembling life-sized diagrams.

### Spider Web Engineering Challenge

Use yarn and hula hoops to create a "spider webs," testing its strength by placing lightweight objects like toy bugs on the web.

### Nature-Inspired Bug Mobiles

Create hanging mobiles featuring bugs, leaves, and flowers, combining natural and craft materials to design a colorful piece of insect-themed art.

### Insect Hideout Construction

Build miniature insect shelters using twigs, bark, and recycled materials, mimicking natural bug habitats and learning how insects find shelter in the wild.

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# DISCOVERY CAMP: SUPERHERO TRAINING CAMP



**Ages 4 - 7**

In Superheroes week, campers will unleash their creativity as they design their own superhero costumes, then participate in a 'superpower challenge course' where they test their agility, strength, and teamwork! They'll also learn about real-life heroes in our community and discover how they can use their own 'powers' to help others.

For a science twist, campers will dive into the physics of flight by building and testing their own 'superhero gliders,' exploring the forces of lift, thrust, and gravity. It's an action-packed week that will have campers feeling like superheroes in no time!

## CAMP HIGHLIGHTS

### SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Team Games & Fun

Snack & Free Play

Lab 2: Art Adventures

Music & Movement

Lunch & Free Play

Lab 3: STEM Exploration

Lab 4: Science Station

Reflect & Close

Outdoor Free Play

### Superhero Hideout Engineering Challenge

Design and build a superhero hideouts using cardboard and craft materials, focusing on creating secret entrances and unique features.

### Design a Superhero Comic Strip

Create a short comic strip featuring your superhero persona, illustrating your powers, gadgets, and an epic mission.

### Superhero Capture the Flag

Play a superhero-themed version of capture the flag, working in teams to rescue their "power source" while defending their base.

### Superhero Kindness Campaign

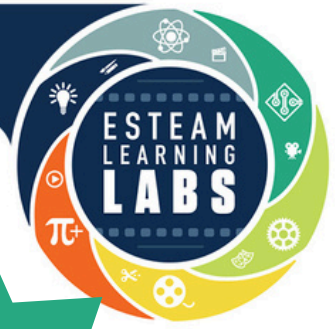
Plan small acts of kindness you can do in our community, such as making thank-you notes for local helpers or creating posters to spread positivity.

## CAMP BASICS

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Camps are weekly Monday- Friday, 8:30-3:30

Campers bring their own lunch, snacks and water bottle.



# ESTEAM Learning Labs Camps

## Ages 8-17

Follow us on for BIG SAVINGS!  
 @ESTEAMLearningLabsAustin  
 @esteamacadmeyrr

Week	(Ages 8-12)	(Ages 9-14)
6/9 - 6/13	Survivor Pro: Life Skills & Adventures	Spy bots & Drones
6/16 - 6/20	Fusion Robotics: Master the Bots	U-Tubers Makers Unite
6/23 - 6/27	LEGO® Cinematic Adventures: Movie Making Camp	Battle Bots
7/7 - 7/11	STEM Challenge Lab: Build & Innovate	Digital art
7/14 - 7/18	Upcycle Art: Fashion & Fabric Reimagined	LEGO Engineering & Coding; Smart Moves
7/21 - 7/25	Forensic Science: Junior Detective Lab	LEGO Robotics: Amazing Machines
7/28 - 8/1	Game Masters: Create, Play & Pitch Your Own Board Game	Battle Bots
7/28 - 8/1	Lights! Camera! Action!	U-Tubers Games Unite
<b>7/28 - 8/1 (2 Weeks)</b> <b>Teen Filmmaking Camp (Ages 12 - 17)</b>		

# SURVIVOR PRO: LIFE SKILLS & ADVENTURES



**Ages 8 - 12**

Step into the ultimate adventure and unlock the secrets of mastering everyday life! This action-packed camp is designed to give campers the tools they need to conquer real-world challenges with confidence and creativity. Whether it's whipping up a delicious meal in the kitchen, crafting survival shelters, or navigating with a compass, this camp will have kids feeling like pros in no time.

Every day is filled with epic adventures, problem-solving challenges, and the thrill of learning new skills. From cooking to designing, budgeting to building, this camp delivers a one-of-a-kind experience where fun meets real-world success!

## CAMP HIGHLIGHTS

### SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Creative Challenge

Snack & Free Play

Lab 2: Life Hacks

Team Building

Lunch & Free Play

Lab 3: Problem Solving

Lab 4: Skill Building

Reflect & Close

Outdoor Free Play

### Mini Survival Shelter Challenge

Design and construct mini survival shelters using natural and craft materials. Test the shelters with simulated rain and wind to ensure they are sturdy.

### Cooking Challenge

Participate in a team cooking challenge to plan, prepare, and serve a nutritious group meal, fostering collaboration and culinary confidence.

### Budgeting for a Survivor

Engage in a mock "survival store" to practice budgeting. Purchase essential items and adjust plans based on unexpected survival scenarios.

### First Aid & Emergency Preparedness

Develop action plans for various emergency scenarios and build emergency survival kits, highlighting critical thinking and preparedness.

## CAMP BASICS

Camps are designed to inspire a love of learning and ignite curiosity.

Camps are weekly Monday- Friday, 8:30-3:30

Campers bring their own lunch, snacks and water bottle.

# DRONES AND ROBOTS



**Ages 9-14**

Young minds eager to explore robotics and aerial technology will love this dynamic course. Students will embark on an exciting journey filled with learning, creativity, and innovation. The course covers engineering, coding, and flight practice, boosting skills in these cutting-edge technologies. What do covert operations, reconnaissance missions, and cybersecurity have in common? This themed course elevates robots and drones by integrating the latest technology, preparing students to tackle modern challenges in new ways.

## INCLUDES THE FOLLOWING THEMES

SPY BOTS • GREEN CITY • SPACE

## CAMP HIGHLIGHTS

### SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Robot building

Snack & Free Play

Lab 2: Robot Coding

Lunch & Free Play

Lab 3: Drone Coding

Snack & Free Play

Lab 4: Drones Flight

Reflect & Close

Outdoor Free Play

### Custom Robot Design :

Students will engineer unique features for their Bots, preparing them for specialized missions.

### Aerial Surveillance Practice :

Through flight training, students will learn precision flying techniques for surveillance and reconnaissance.

### Bot Engineering Labs :

Learners will practice attention to detail and time management as they engineer and program their Bots for specific mission objectives.

### Drone Navigation Challenges :

Young pilots will develop critical thinking and adaptability as they navigate drones through complex obstacle courses.

## CAMP BASICS

Camps are designed to inspire a love of learning and ignite curiosity. Camps are weekly Monday- Friday, Start/end times & before/after care vary by location. Campers bring their own lunch, snacks and water bottle.

# FUSION ROBOTICS: MASTER THE BOTS



**Ages 8-12**

Ready to dive into the world of robotics? In Robotics Fusion, campers will explore a thrilling variety of robots, from Kubo and Sphero to Boost and LEGO® Spike, while mastering the skills needed to bring them to life through coding. This dynamic camp is the ultimate playground for young tech enthusiasts, where creativity meets hands-on learning.

By the end of the week, they'll not only be robotics experts, but they'll also have built important skills in logic, problem-solving, and teamwork. If your camper is ready to code, create, and control their own fleet of robots, Robotics Fusion is the perfect camp for them!

## SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Code & Conquer

Snack & Free Play

Lab 2: Bot Builder

Team Building

Lunch & Free Play

Lab 3: Mission Control

Lab 4: Robo Challenge

Reflect & Close

Outdoor Free Play

### Sphero Obstacle Course

Program Sphero robots to nazzvigate thrilling obstacle courses, combining speed, precision, and strategy for the fastest finish.

### LEGO Spike Robot Engineering

Design and program LEGO Spike robots to solve real-world tasks, like moving objects or crossing tricky terrains.

### Kubo Maze Builder

Collaborate to create complex mazes and program Kubo robots to navigate through twists and turns using creative coding tiles.

### Robotics Fusion Finale

Combine multiple robots, like Kubo, Sphero, and LEGO Spike, for a multi-bot showdown solving the ultimate challenge of the week.

## CAMP BASICS

Camps are designed to inspire a love of learning and ignite curiosity.

Camps are weekly Monday- Friday, 8:30-3:30

Campers bring their own lunch, snacks and water bottle.

# U-TUBERS UNITE!



**Ages 9-14**

## SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Brainstorming

Snack & Free Play

Lab 2: Content Creation

Lunch & Free Play

Lab 3: Video Production

Snack & Free Play

Lab 4: Group Feedback

Reflect & Close

Outdoor Free Play

Short-form video content is poised to shape future online entertainment. Students will spend a week developing skills in producing several types of brief videos such as gameplay commentary, lifestyle programs, product evaluations and commentary on current events. Working collaboratively, the students will capture footage, then edit and assemble the material into an exhilarating presentation format intended to engage their viewers fully. This intensive workshop offers an ideal introduction for aspiring online content creators wishing to hone their video production and distribution skills through a platform such as YouTube.

## CAMP HIGHLIGHTS

### **Intro to Video Creation:**

Students learn the essentials of creating engaging short-form video content from storytelling to production..

### **Lifestyle and Product Reviews:**

Students create lifestyle videos and product reviews, sharpening skills in evaluating and presenting.

### **Aspiring Creator's Workshop:**

This intensive camp provides a perfect launchpad for students interested in building skills for online platforms like YouTube.

### **Collaborative Filmmaking:**

Working in teams, campers capture footage and develop content ideas together.

## CAMP BASICS

Camps are designed to inspire a love of learning and ignite curiosity. Camps are weekly Monday- Friday, Start/end times & before/after care vary by location. Campers bring their own lunch, snacks and water bottle.

# LEGO® CINEMATIC ADVENTURES: MOVIE MAKING



**Ages 8 - 12**

Lights, camera, LEGO®! Campers will transform their colorful bricks into exciting stop-motion films, taking on the role of both director and creator. In this action-packed camp, campers will pair up to develop their own stories, storyboard their ideas, and bring them to life using LEGO® bricks in thrilling stop-motion animations.

They'll learn the art of storytelling, design custom LEGO® sets, and even add sound effects and music to make their mini-movies come to life. Whether you're a budding filmmaker or a LEGO® lover with a big imagination, this camp will turn your creative visions into blockbuster movies!

## CAMP HIGHLIGHTS

### SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Brick Challenge

Snack & Free Play

Lab 2: Creation Station

Team Building

Lunch & Free Play

Lab 3: Storyboarding

Lab 4: Special Affects

Reflect & Close

Outdoor Free Play

### Build Intricate LEGO® Movie Sets

Design and construct LEGO® sets like castles, spaceships, or jungles to create immersive film backdrops.

### Animate LEGO® Characters

Use stop-motion techniques to make LEGO® minifigures move, fight, and interact in exciting mini-movies.

### Direct Epic LEGO® Action Scenes

Create thrilling scenes like high-speed chases or daring rescues, capturing every frame with precision and creativity.

### Add Music & Sound Effects

Enhance LEGO® films with dynamic sound effects and custom music to make each movie come alive.

## CAMP BASICS

Camps are designed to inspire a love of learning and ignite curiosity.

Camps are weekly Monday- Friday, 8:30-3:30

Campers bring their own lunch, snacks and water bottle.

# LEGO® ROBOTICS: BATTLE BOTS



Get ready to build, program, and battle at LEGO® Battle Bots! This exhilarating course is perfect for young engineers and LEGO® enthusiasts eager to dive into the world of robotics and competition. In this specialized camp, students 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, students 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 9-14**

## SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Robot building

Snack & Free Play

Lab 2: Robot Building

Lunch & Free Play

Lab 3: Practice Battles

Snack & Free Play

Lab 4: Robot Challenge

Reflect & Close

Outdoor Free Play

## CAMP HIGHLIGHTS

### Custom Robot Design :

Students will engineer unique features for their Bots, preparing them for specialized missions.

### Hands-On Engineering:

Young engineers build bots equipped with mechanical features like lifts, drills, and ramps.

### Strategic Battle Planning :

Students develop strategies to outmaneuver opponents in thrilling robot battles.

### Creative Problem-Solving:

Each team adapts their bot design, using innovation to improve performance round-by-round.

## CAMP BASICS

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# STEM CHALLENGE LAB: BUILD & INNOVATE



**Ages 8-12**

Unleash your creativity in the STEM Challenge Lab, where young engineers and creators design, build, and test their own inventions! Campers will dive into exciting hands-on challenges, from building earthquake-proof towers and launching rockets to designing sturdy bridges and thrilling marble roller coasters.

Each day, teamwork and problem-solving take center stage as campers bring their ideas to life and explore STEM concepts in the most engaging way—by doing it! Get ready for a week of innovation, collaboration, and unforgettable fun!

## CAMP HIGHLIGHTS

### SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Innovation Station

Snack & Free Play

Lab 2: Engineer's Workshop

Team Building

Lunch & Free Play

Lab 3: Tinker Lab

Lab 4: Design Challenge

Reflect & Close

Outdoor Free Play

### Earthquake-Proof Tower Test

Design and build a tower to survive simulated earthquakes using straws, cardboard, and tape. Test and improve designs for ultimate stability.

### Rocket Launch Competition

Design and build rockets, then launch them using air pumps. Redesign for height and distance in a thrilling final competition.

### Marble Roller Coaster Challenge

Build roller coasters from cardboard and tubes. Add loops and curves to guide marbles smoothly through the track.

### Bridge Building & Strength Test

Construct popsicle stick bridges to support heavy weights. Compete in a final test to see which design holds the most weight.

## CAMP BASICS

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Camps are weekly Monday- Friday, 8:30-3:30

Campers bring their own lunch, snacks and water bottle.

# DIGITAL ART



Ages 9-14

Calling All Digital Artists: This course 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 criticism and guidance to overcome creative challenges. Students will develop skills using the latest digital tools and software. They will explore different styles of digital art such as cartooning, anime, and realism.

## CAMP HIGHLIGHTS

### SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Art Challenge

Snack & Free Play

Lab 2: Art Projects

Team Building

Lunch & Free Play

Lab 3: Creating Art

Lab 4: Art Challenge

Reflect & Close

Outdoor Free Play

#### Artistic Skill Development:

Campers strengthen fundamentals in cartooning, anime, realism, and more.

#### Independent and Collaborative Projects:

Artists can choose to work independently or collaborate with peers and Guides.

#### Creative Studio Environment:

Artists work in a supportive studio setting, fostering creativity and focus.

#### Self-Expression Through Art:

Campers explore their personal style and voice in digital media.

## CAMP BASICS

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# UPCYCLE ART: FASHION & FABRIC REIMAGINED



**Ages 8 - 12**

Get ready to turn trash into treasure! This eco-friendly camp is perfect for creators who love fashion and want to make a difference by giving old fabrics and garments a fresh new life. Campers will explore the world of upcycling, transforming everyday items like old T-shirts, jeans, and fabric scraps into stylish accessories, trendy tote bags, and one-of-a-kind fashion pieces.

Whether they're turning a pair of jeans into a custom handbag or adding their own flair to a T-shirt, campers will unlock their inner fashion designer while learning how to make fashion more sustainable.

## CAMP HIGHLIGHTS

### SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Fashion Reimagined

Snack & Free Play

Lab 2: Demin Dreams

Team Building

Lunch & Free Play

Lab 3: Creative Threads

Lab 4: Eco-Chic Challenge

Reflect & Close

Outdoor Free Play

### Create Trendy T-Shirt Tote Bags

Transform old T-shirts into stylish tote bags using cutting, sewing, and knotting techniques. Add custom designs with paint and embellishments!

### Design Custom Denim Accessories

Give new life to old jeans by crafting unique handbags and patchwork pillows. Experiment with sewing, painting, and decorative accents.

### Fabric Painting & Embellishment Magic

**Revive old clothes with bold fabric paint designs and sparkling embellishments. Create wearable art that reflects your personal style.**

### Upcycle T-Shirts into Fashion Statements

Redesign T-shirts into crop tops, scarves, or trendy accessories. Explore creative sewing techniques to make sustainable fashion pieces you'll love to wear.

## CAMP BASICS

Camps are designed to inspire a love of learning and ignite curiosity. Camps are weekly Monday- Friday, Start/end times & before/after care vary by location. Campers bring their own lunch, snacks and water bottle.

# — LEGO® ROBOTICS: ENGINEERING AND CODING —



**Ages 9-14**

The LEGO® Robotics course introduces students to mechanical engineering and problem-solving through hands-on projects. Students design complex machines, build automated systems, and enhance coding skills, all while fostering teamwork and a deeper understanding of engineering principles. Through engaging challenges, they develop critical thinking and creativity in a collaborative environment. By the end of the course, students will have built a strong foundation in robotics, preparing them for future technological learning and innovation.

## **INCLUDES THE FOLLOWING THEMES**

INVENTOR SQUAD • SPORTS • SMART MOVES • SPYBOTICS

## **CAMP HIGHLIGHTS**

### **SAMPLE DAILY SCHEDULE**

Morning Launch

Lab 1: Robot building

Snack & Free Play

Lab 2: Robot Coding

Lunch & Free Play

Lab 3: Games

Snack & Free Play

Lab 4: Challenges

Reflect & Close

Outdoor Free Play

### **Real-World Problem Solving :**

Campers apply engineering and critical thinking to solve exciting, real-world challenges.

### **Hands-On Engineering :**

Campers dive into mechanical engineering by building and testing innovative machines..

### **STEM-Focused Fun:**

Each project blends science, technology, engineering, and math, inspiring curiosity and exploration.

### **Collaborative Problem Solving:**

Campers tackle engineering obstacles together, strengthening teamwork and communication. Drone Navigation

## **CAMP BASICS**

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Campers bring their own lunch, snacks and water bottle.

# FORENSIC SCIENCE: JUNIOR DETECTIVE LAB



**Ages 8 - 12**

Calling all young detectives! In this hands-on, interactive camp, campers will dive deep into the fascinating world of crime scene investigation, using the tools of real forensic experts to uncover hidden clues and solve mysteries.

Campers will explore forensic techniques using chemistry, biology, and physics to analyze evidence and crack tough cases. Every day brings a new mystery to solve, and it's up to the campers to investigate the scene, gather evidence, and put the pieces of the puzzle together!

## CAMP HIGHLIGHTS

### SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Evidence Analysis

Snack & Free Play

Lab 2: Crime Scene HQ

Team Building

Lunch & Free Play

Lab 3: Discovery Lab

Lab 4: Chemistry Clue

Reflect & Close

Outdoor Free Play

### **Recreate a Crime Scene**

Set up and investigate a mock crime scene, sketch evidence layouts, and unravel hidden clues.

### **Simulate Blood Spatter Patterns**

Experiment with "blood" splashes to analyze angles, speed, and motion for solving the scene's mystery.

### **Extract DNA from Fruit**

Perform a real DNA extraction and analyze it under magnification, just like a forensic biologist.

### **Match Shoeprints to Suspects**

Create and cast shoeprints in plaster, then solve the case by matching the prints to the right suspect.

## CAMP BASICS

Camps are designed to inspire a love of learning and ignite curiosity.

Camps are weekly Monday- Friday, 8:30-3:30

Campers bring their own lunch, snacks and water bottle.

# AMAZING MACHINES



**Ages 9-14**

## SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Robot building

Snack & Free Play

Lab 2: Robot Coding

Lunch & Free Play

Lab 3: Games

Snack & Free Play

Lab 4: Challenges

Reflect & Close

Outdoor Free Play

Get ready to build, program, and battle at LEGO® Battle Bots! This exhilarating course is perfect for young engineers and LEGO® enthusiasts eager to dive into the world of robotics and competition. In this specialized camp, students 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, students 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.

## CAMP HIGHLIGHTS

### **Real-World Problem Solving :**

Campers apply engineering and critical thinking to solve exciting, real-world challenges.

### **Hands-On Engineering :**

Campers dive into mechanical engineering by building and testing innovative machines..

### **STEM-Focused Fun:**

Each project blends science, technology, engineering, and math, inspiring curiosity and exploration.

### **Collaborative Problem Solving:**

Campers tackle engineering obstacles together, strengthening teamwork and communication. Drone Navigation

## CAMP BASICS

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Campers bring their own lunch, snacks and water bottle.

# GAME MASTERS:

## CREATE, PLAY & PITCH YOUR OWN BOARD GAME



**Ages 8 - 12**

Are you ready to design the next big board game? Campers will dive into the exciting world of board game creation, combining creativity, strategy, and entrepreneurship to design their own unique games. Campers will explore various board game styles, then team up to create their own—designing rules, gameplay, artwork, and pieces.

Whether your camper dreams of becoming a game designer, artist, or future entrepreneur, Game Masters is the perfect place to turn those dreams into reality. By the end of the week, campers will walk away with a completed board game and the skills to bring any creative idea to life!

### CAMP HIGHLIGHTS

#### SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: R&D Zone

Snack & Free Play

Lab 2: Idea Incubator

Team Building

Lunch & Free Play

Lab 3: Prototype Lab

Lab 4: Pitch Studio

Reflect & Close

Outdoor Free Play

#### Theme & Mechanics Brainstorm Challenge

Dive into a whirlwind brainstorming session to dream up unique game themes, exciting mechanics, and clever twists inspired by favorite board games.

#### Prototype Sprint Build

Race to design and craft a working game prototype using colorful boards, unique cards, and quirky player pieces.- in just a few hours!

#### Playtest & Feedback Quest

Enter the Playtest Arena, where teams swap games and provide feedback on each other's creations. Tweak designs and rules to make every turn more thrilling.

#### Pitch Perfect Showdown

Step into the spotlight to pitch the game to peers, complete with a live demo. Impress judges to win the Players' Choice Award!

### CAMP BASICS

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Campers bring their own lunch, snacks and water bottle.

# LIGHTS! CAMERA! ACTION!



**Ages 9-14**

Welcome to a hands-on, fast-paced program that allows students to work directly with professionals in the field of industrial film and video production. Students produce, direct, light, shoot, and edit like experts as they create content for their course.

Students 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. Students will collaborate on ways to market and promote their content and build an engaging audience.

## CAMP HIGHLIGHTS

### SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Brainstorming

Snack & Free Play

Lab 2: Development

Team Building

Lunch & Free Play

Lab 3: Filming

Lab 4: Collaboration

Reflect & Close

Outdoor Free Play

### Hands-On Production Experience

Campers work directly with professionals, gaining real-world film production experience.

### Collaborative Filmmaking :

Teams work together to bring their ideas to life, from concept to finished product.

### Story Development:

Students craft compelling stories and objectives during the pre-production process.

### End-to-End Content Creation:

Students complete the full production cycle, from planning to audience-building.

## CAMP BASICS

Camps are designed to inspire a love of learning and ignite curiosity.

Camps are weekly Monday- Friday, 8:30-3:30

Campers bring their own lunch, snacks and water bottle.

# TEEN FILMMAKING



**Ages 12-17**

This dynamic and hands-on course is tailored for budding filmmakers. Whether you dream of directing, have a knack for storytelling, or just love movies, Teen Filmmaking is your ticket to the thrilling world of film production. In this 2-week series, students will learn the art of filmmaking from Script to Screen. Students will work on pre-production (screenwriting, story-telling, and film gear), to production (filming), ending with post-production (editing, music, sound design, delivery).

## CAMP HIGHLIGHTS

### SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Brainstorming

Snack & Free Play

Lab 2: Development

Team Building

Lunch & Free Play

Lab 3: Filming

Lab 4: Collaboration

Reflect & Close

Outdoor Free Play

### Hands-On Production Experience

Campers work directly with professionals, gaining real-world film production experience.

### Script-to-Screen Filmmaking

Students experience the entire filmmaking process, from writing scripts to final edits.

### Screenwriting Fundamentals:

Students learn how to craft engaging scripts, setting the foundation for their films.

### Collaborative Filmmaking

Students work together on projects, gaining teamwork skills crucial in the film industry.

## CAMP BASICS

Camps are designed to inspire a love of learning and ignite curiosity.

Camps are weekly Monday- Friday, 8:30-3:30

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