

Tampa



2025 Summer Camp Guide

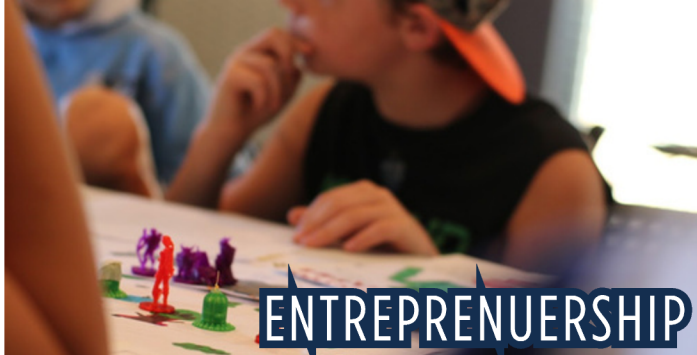
Ignite a Love
for Learning!

In partnership with



**APOLLO
ACADEMY**
An Acton Affiliate

1309 W Swann Ave Tampa, FL 33606



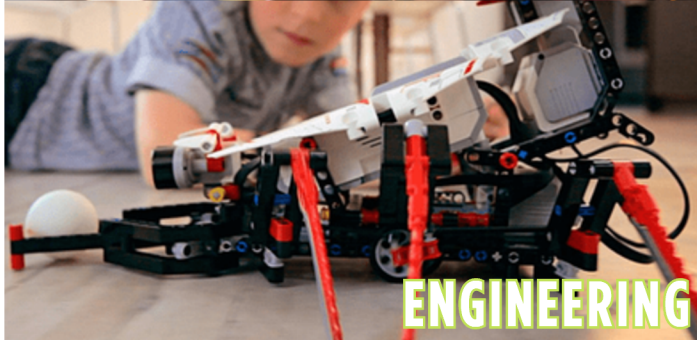
ENTREPRENEURSHIP



SCIENCE



TECHNOLOGY



ENGINEERING



ART



**MATH, MUSIC, MOVEMENT,
AND MORE!**





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.

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ACADEMY

An Acton Affiliate



Camp Basics

- WHO** Campers between the ages of 4 and 14
- 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 16th to August 8th
Camps are 8:30am-3:30pm 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/tampa>

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

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@ApolloAcademyTampa



Cost Per Camper

Half Day, 5 Days: \$255

Full Day, 5 Days: \$450

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

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Camp Schedule

Week	Discovery STEAM Camps (Ages 4-7)	ESTEAM Learning Labs Camps (Ages 8-14)	
6/16 - 6/20	All about Florida	Survivor Pro: Life Skills & Adventures	
6/23 - 6/27	Pirates and Mermaids	Xtreme LEGO® Maker Camp	
6/30 - 7/3	Safari Rangers	Blockbuster Science: The Magic Behind the Movies	Brushstrokes & Beyond: Painting Camp
7/7 - 7/11	Mad science	STEM Challenge Lab: Build & Innovate	
7/14 - 7/18	Carnival Fun & Games	Creative Visionaries: Intro to Art & Design	Fusion Robotics: Master the Bots
7/21 - 7/25	Insect Investigators	Forensic Science: Junior Detective Lab	Jewelry Innovators: Design & Shine
7/28 - 8/1	All about Tampa Bay	LEGO® Cinematic Adventures: Movie Making Camp	Eco Engineers: Renewable Energy Challenges
8/4 - 8/8	Superhero Training Camp	Game Masters: Create, Play & Pitch Your Own Board Game	Upcycle Art: Fashion & Fabric Reimagined

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Discovery Camps

Ages 4-7



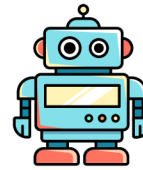
SCIENCE



ART



MUSIC



TECH

Discovery courses are perfect for our youngest campers ages 4-7. 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!

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DISCOVERY CAMP: ALL ABOUT FLORIDA



Ages 4 - 7

Get ready to explore the Sunshine State like never before! In our All About Florida week, campers will dive into Florida's rich history, unique ecosystems, and fascinating weather. They'll create their own 'mini mangrove ecosystem' in a jar, learn how mangroves help our coastline, and build a 'rain gauge' to track Florida's famous afternoon storms.

Campers will also discover fun state facts, like designing Florida's state bird—the mockingbird—through art and games. This week is a celebration of all things Florida, sparking curiosity about the natural wonders and weather of our home state!

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

Create an Alligator Puppet:

Transform a paper bag into a chomping alligator puppet with googly eyes and green scales—perfect for pretend play!

Design a Sea Turtle Masterpiece:

Craft colorful sea turtles using paper plates and fabric scraps, inspired by Florida's gentle ocean creatures.

Engineer a Sunshine Skyway Bridge:

Build and test straw bridges for strength and height, inspired by one of Florida's iconic landmarks.

Melt Marshmallows with a Solar Oven:

Harness the power of the sun to melt chocolate or marshmallows in a solar oven you create yourself.

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: 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.

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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: ALL ABOUT TAMPA BAY



Ages 4 - 7

Let's dive into the wonders of our local area in All About Tampa Bay! They'll learn about the legendary pirate José Gaspar and the folklore behind the Gasparilla Festival, even creating their own pirate flags for a mini parade. Campers will explore the geography of Tampa Bay by building 3D maps, discovering the bridges, rivers, and landmarks that make our area special.

Campers will celebrate our city's iconic teams like the Buccaneers, Lightning, and Rays, and enjoy sports-themed games. This week is a true celebration of the history, culture, and natural beauty of our hometown!

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

Tampa Bay Skyline LEGO Challenge

Use LEGO bricks to construct iconic Tampa Bay skyline landmarks, focusing on creativity and architectural details.

Gasparilla Pirate Costume Design

Design and decorate their own pirate accessories like hats and sashes, bringing the spirit of Tampa Bay's Gasparilla festival to life.

Make Your Own Spanish Fan

Create colorful Spanish fans using paper and markers, learning about the cultural significance of fans in Spanish traditions.

Tampa Bay Wildlife Diorama

Create a diorama showcasing the diverse marine and land animals found in Tampa Bay, learning about their habitats and the importance of conservation.

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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.

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ESTEAM Learning Labs Camps

Ages 8-14

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Week	ESTEAM Learning Labs Camps (Ages 8-14)	
6/16 - 6/20	Survivor Pro: Life Skills & Adventures	
6/23 - 6/27	Xtreme LEGO® Maker Camp	
6/30 - 7/3	Blockbuster Science: The Magic Behind the Movies	Brushstrokes & Beyond: Painting Camp
7/7 - 7/11	STEM Challenge Lab: Build & Innovate	
7/14 - 7/18	Creative Visionaries: Intro to Art & Design	Fusion Robotics: Master the Bots
7/21 - 7/25	Forensic Science: Junior Detective Lab	Jewelry Innovators: Design & Shine
7/28 - 8/1	LEGO® Cinematic Adventures: Movie Making Camp	Eco Engineers: Renewable Energy Challenges
8/4 - 8/8	Game Masters: Create, Play & Pitch Your Own Board Game	Upcycle Art: Fashion & Fabric Reimagined

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.

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Campers bring their own lunch, snacks and water bottle.

XTREME LEGO® MAKER CAMP



Ages 8 - 12

Ready to take your LEGO® building skills to the next level? Xtreme LEGO® Maker Camp is a dream come true for every LEGO® enthusiast! This immersive camp is packed with non-stop action, creativity, and exploration as campers dive into the world of ESTEAM—Engineering, Science, Technology, Art, and Math—all through the power of LEGO® bricks!

Campers will rotate through 5 thrilling LEGO® Labs where they'll put their minds and hands to work. Whether it's building robots, creating stop-motion films, or mastering design through play, this camp is the ultimate playground for future innovators!

CAMP HIGHLIGHTS

SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Building Challenge

Snack & Free Play

Lab 2: Lego Adventures

Team Building

Lunch & Free Play

Lab 3: Brick Lab

Lab 4: Robot Challenge

Reflect & Close

Outdoor Free Play

Build Simple Machines in the LEGO® Maker Lab:

Explore the science of motion by constructing catapults, pulleys, and gears that really work!

Create LEGO® Stop-Motion Movies

Storyboard, animate, and film LEGO® creations to tell captivating stories through stop-motion techniques.

Dive into Robotics Challenges:

Program LEGO® robots to complete obstacle courses, solve puzzles, and perform tasks using real coding skills.

Master LEGO® Mosaic Art:

Turn LEGO® bricks into incredible pixel-style art or stunning mosaics that you'll proudly show off.

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BLOCKBUSTER SCIENCE: THE MAGIC BEHIND THE MOVIES



Ages 8 - 12

Lights, camera, science! In Blockbuster Science, campers will embark on an epic adventure to uncover the real-life science behind their favorite movies. This interactive camp takes young scientists and movie lovers behind the scenes, exploring the jaw-dropping special effects, stunts, and movie magic that make films unforgettable.

Campers will walk away with a deeper appreciation for both science and cinema, along with the critical thinking skills and creativity to see the world through the lens of a movie scientist. Get ready for a week full of explosions, action, and fun in Blockbuster Science!

CAMP HIGHLIGHTS

SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Special Effects

Snack & Free Play

Lab 2: Action Scenes

Team Building

Lunch & Free Play

Lab 3: Stunt Lab

Lab 4: Magic Makers

Reflect & Close

Outdoor Free Play

Mini Explosions and Prop Effects

Create mini "film explosions" using baking soda, vinegar, and air cannons. Learn how pressure and force are controlled to create thrilling special effects.

Superhero Stunts and Physics

Build ramps and platforms to test superhero "jumps" Use green screen technology to film action-packed superhero scenes.

Design and Launch Sci-Fi Spacecraft

Build spacecraft models using recycled materials, then test their performance in simulated "space battles" with air-powered launchers.

Star in the Movie Magic Science Show

Recreate iconic movie scenes using props, stunts, and special effects crafted during the week.

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BRUSHSTROKES & BEYOND: PAINTING CAMP



Ages 9 - 14

Discover your inner artist at Brushstrokes & Beyond! Dive into painting techniques inspired by legends like Van Gogh, Frida Kahlo, and Picasso while creating your own masterpieces. Experiment with watercolor, acrylics, and bold brushwork as you explore iconic art styles and their powerful stories. Paint textured landscapes, bold symbolic portraits, and Cubist creations while unleashing your creativity in daily challenges and collaborative murals. Build your own gallery of artwork in this vibrant, hands-on camp! This is the perfect camp for young artists who love to create, explore, and express their unique vision!

CAMP HIGHLIGHTS

SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Get in your Feelings

Snack & Free Play

Lab 2: All About Colors

Team Building

Lunch & Free Play

Lab 3: Art Exploration

Lab 4: Abstraction Lab

Reflect & Close

Outdoor Free Play

Recreate Van Gogh's Starry Night:

Use thick brushstrokes and palette knives to build textured landscapes that capture movement and emotion, just like the master himself.

Paint a Symbolic Self-Portrait:

Inspired by Frida Kahlo, design a self-portrait featuring bold colors and personal symbols that tell your unique story.

Create a Cubist Still Life:

Break everyday objects into geometric shapes and experiment with overlapping perspectives to design abstract masterpieces in Picasso's Cubist style.

Splatter Paint Like Pollock:

Dive into action painting, splashing and dripping paint onto a massive canvas to express creativity through bold movements and vibrant colors.

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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.

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CREATIVE VISIONARIES: INTRO TO ART & DESIGN



Ages 8 - 12

Step into the world of Creative Visionaries—a camp where budding artists and designers unleash their imagination, explore new techniques, and create something extraordinary! This isn't just another art camp—it's a chance for young creatives to dive deep into the world of art and design, discovering what inspires them most and learning the skills to bring their visions to life.

Creative Visionaries is the ultimate camp for those who love to dream, draw, and discover, providing a fun and inspiring space where creativity flows, and every camper's artistic potential is celebrated!

CAMP HIGHLIGHTS

SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Creative Challenge

Snack & Free Play

Lab 2: Art Adventures

Team Building

Lunch & Free Play

Lab 3: Art Exploration

Lab 4: Creative Challenge

Reflect & Close

Outdoor Free Play

Mix Your Own Colors & Make Cool Abstract Art:

Imagine blending colors to make shades no one's ever seen before! Create your own one-of-a-kind art that's totally you.

Shape & Sculpt Awesome Clay Creations:

Turn a lump of clay into anything you can dream up—animals, jewelry, or a mini sculpture to show off at home.

Design Digital Masterpieces on a Tablet:

Become a digital artist! Use tablets to create posters and artwork like a pro—it's like drawing on a screen that brings your ideas to life.

Team Up for a Giant Mural Project:

Work with new friends to paint a HUGE mural! Bring your style to the wall and make something everyone will remember.

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FUSION ROBOTICS: MASTER THE BOTS



Ages 9 - 14

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.

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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.

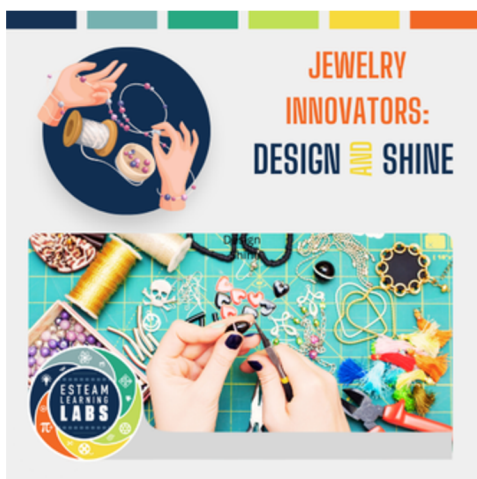
CAMP BASICS

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.

JEWELRY INNOVATORS: DESIGN & SHINE



Ages 9 - 14

Go on a journey through the history of jewelry, exploring different cultures and mediums while learning how to create stunning, one-of-a-kind pieces. Campers will experiment with various techniques, crafting unique jewelry that expresses their personal style.

Campers will also dive into entrepreneurship, learning how to market and price their creations, design their own jewelry brand, and even pitch their designs in a fun, end-of-week showcase. From understanding trends to developing a business plan, this camp teaches the full cycle of going from creative inspiration to running a mini jewelry business.

CAMP HIGHLIGHTS

SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Sparkle Studio

Snack & Free Play

Lab 2: Wire & Metal Magic

Team Building

Lunch & Free Play

Lab 3: Clay Creations

Lab 4: Start-up Zone

Reflect & Close

Outdoor Free Play

Friendship Bracelet Masterpiece:

Design vibrant friendship bracelets with colorful beads and unique patterns to express personal style and create meaningful gifts.

Clay Charm Creations:

Sculpt one-of-a-kind clay charms for necklaces or keychains, experimenting with bold colors and textures to craft standout accessories.

Stamped Metal Magic:

Create personalized stamped metal pendants featuring initials, quotes, or symbols for a custom and heartfelt touch.

Jewelry Brand Launchpad:

Build your own jewelry brand by designing logos, pricing collections, and pitching during the Jewelry Innovators Showcase.

CAMP BASICS

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

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.

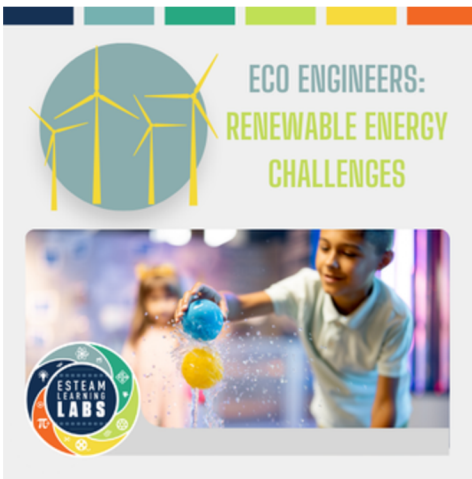
CAMP BASICS

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.

ECO ENGINEERS: RENEWABLE ENERGY CHALLENGES



Ages 9 - 14

Join the green revolution! In this environmentally focused camp, campers will dive into hands-on challenges that show how wind, solar, and water energy can be used to power the world around us. They'll also learn about real-world applications of renewable energy and how engineers use these technologies to create a more sustainable future.

From crafting solar ovens to building eco-friendly bridges, campers will participate in creative challenges that harness the power of nature. If your camper is passionate about the environment and loves to build, Eco Engineers is the perfect camp to inspire the next generation of green innovators!

CAMP HIGHLIGHTS

SAMPLE DAILY SCHEDULE

Morning Launch

Lab 1: Windy Wizardry

Snack & Free Play

Lab 2: Renew Challenge

Team Building

Lunch & Free Play

Lab 3: Solar Exploration

Lab 4: Hydro Hub

Reflect & Close

Outdoor Free Play

Design & Test Wind Turbines

Build functional wind turbines, experiment with blade designs, and see how wind power generates energy in a hands-on engineering challenge.

Race Solar-Powered Cars

Create solar-powered vehicles and compete in an outdoor race, adjusting panel angles to maximize speed under the sun.

Engineer Water Filtration Systems

Build filtration models using sand, gravel, and charcoal, then test them to see how clean water is achieved through engineering.

Construct an Eco-Friendly City Model

Design a mini-city powered by renewable energy sources like wind, solar, and water, showcasing sustainable engineering solutions.

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.

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.

UPCYCLE ART: FASHION & FABRIC REIMAGINED



Ages 9 - 14

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.



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