

# CAMP CURIOSITY

SUMMER CAMPS 2022

REGISTER BY  
MARCH 31  
to save  
**\$20!**



Camp Curiosity Presented By  
**TIMKEN**

 GREAT LAKES  
Science Center  
Stay Curious.

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# STAY CURIOUS!

Our kids have been through a lot over the last two years. We may never know the full effects that two school years' worth of interruptions and uncertainty has had on their overall education and development. One thing we do know for sure though here at Northeast Ohio's STEM HQ is that the best way to learn STEM is by doing STEM, and we have not faltered in our mission to bring STEM to life for the people in our community, including running a safe and fun camp experience each summer during the pandemic.

So whether your kids have been with us before, or you're finding us for the first time, if your kids are the type that thrive on the **fun of learning new things** in an interactive environment, then Camp Curiosity is for you! Our week-long summer day camps feature more than 20 different camps this year, offering new challenges and unforgettable science adventures for kids in kindergarten through eighth grade.

This year, camp themes are more diverse than ever with opportunities ranging from LEGOs and robotics to chemistry, biology, Minecraft, spy science, sports science and everything in between. **All camp sessions have been designed with your child's health and safety in mind.** All on-site campers and staff are required to wear facemasks and undergo a daily health screening. All materials and workspaces are sanitized regularly and classes use a dedicated space with access to hand washing and sanitizer stations. Social distancing measures are closely followed with small class sizes separated by age, and camp activities are tailored for each age group.

Sessions begin June 6 at the Science Center and run through the week of August 15.

**Register by March 31 and receive \$20 off.** Register by April 30 and save \$10. Discounts are also available for multi-week registration, siblings, and returning camp alumni, and discounts can be combined. Members always save \$25 per camp. Before- and after-care is available at the Science Center. Scholarships are also available, which allow us to provide summer camp opportunities to underserved youth. (See pages 9-10 for more information on discounts and scholarship application information.)

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# K-3 CAMPS

8:15 a.m. to 4 p.m.

## Lego Engineers

June 6-10

Attention all builders! Get creative with LEGO® bricks while exploring science, technology, engineering and math concepts in three-dimensions. Experiment with color, patterns, geometry and physics through dozens of play-based design challenges.

**Price: \$280 (\$255 members)**

*Based on content from LEGO® Education.*

## Sphero Young Explorers

June 27-July 1

Get hands-on with programming! Program Sphero robots to navigate mathematical challenges, explore cause and effect, and experiment with geometry, distance and time. Then tinker with sensors to choreograph a robotic dance, create a light show, code a spirograph, and so much more!

**Price: \$280 (\$255 members)**

*Based on content from Computer Science Foundations curriculum by Sphero.*

## Science Sleuths

June 13-17

Ready, set, roll! This week, we're learning all about the science of amusement parks. Build a roller coaster, design a few carnival games, and get hands-on with some of the simple technologies that make parks feel magical.

**Price: \$280 (\$255 members)**

## Little Allies

July 4-8

This week is all about empathy, compassion and kindness. How do our differences make us special? What can we learn from each other? Get hands-on with robotics workshops, maker activities and more as we explore strategies for navigating tough emotions, communicating diverse ideas, and supporting each other. Campers will also take home a copy of the "Little Allies" book and some exciting "My Ally Promise" swag!

**Price: \$280 (\$255 members)**

## Budding Biologists

June 20-24

What can insects and animals teach us about math, engineering and science? Join us to learn about bugs, birds, mammals and more. Learn how fish gills work, identify bird calls, and explore insect mimicry. Discover the many ways scientists borrow inspiration from nature while innovating—then do some animal-inspired engineering of your own!

**Price: \$280 (\$255 members)**

## Sports Science:

### Little Athletes

July 11-15

Discover the science behind your favorite sports! Which muscles help you toss, kick, dash, dribble, or do a jumping jack? How can proper nutrition and hydration make you a better athlete? Participate in real sports and activities, and then break down the science that supports them. Field trips included!

**Price: \$295 (\$270 members)**

## Mini Minecraft Engineers

July 18-22

Collaborate as a class to build a unique Minecraft village based on real-world research, experiments and activities! Learn about resources, biomes and structural engineering. Then map out your shared class Minecraft village using blueprints, model it from the ground up, and make a sustainable plan for its expansion. Each day offers a host of new hands-on challenges followed by time working in Minecraft: Education Edition to bring your shared vision to life!

**Price: \$280 (\$255 members)**

## The Art of Science

July 25-29

Full STEAM ahead! We're creating art with the help of science, technology, engineering and math. How can machines help us craft creative masterpieces? What's the chemistry behind common colors? Join us for a week full of fun-filled, hands-on experiments to find out!

**Price: \$280 (\$255 members)**

## Crazy Coasters

August 1-5

Explore the laws of physics while creating your own theme park! Engineer rides that can spin, rock, roll and turn. Experiment with simple machines, craft a marble run rollercoaster to explore Newton's laws, design and play your own carnival games, tackle mini challenges, and more. Campers will also take a special field trip to Cedar Point this week to explore the science behind real-world rides and games!

**Price: \$325 (\$300 members)**

## Out of This World

August 8-12

3..2..1... blastoff! See a real moon rock, investigate a shuttle tile from the International Space Station, drive an RVR robot, and design your own constellation in this week devoted to space exploration. Then engineer and launch a rocket, and even practice landing a rover on Mars—from 60 feet up!

**Price: \$280 (\$255 members)**

Lunches are available for \$40 per week, or campers may bring their own.

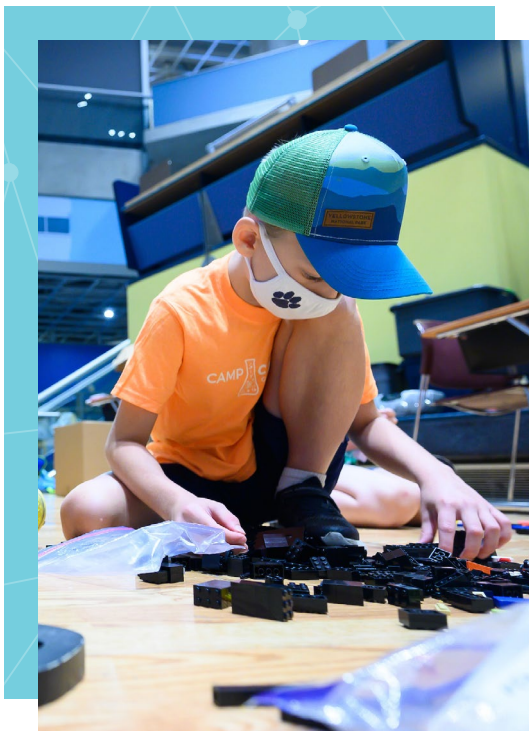
Before- and after-care are available for an additional fee. Before-care begins at 7:30 a.m. for an additional \$30 per week. After-care runs until 5:30 p.m. for an additional \$60 per week. Register for both and save \$10.

## Chemistry Basics

August 15-19

Get hands-on with chemistry! Learn about basic lab safety before making (dairy-free) magic milk, brewing colorful bath bombs, and hydrodipping tiles. We'll also learn about dehydration and the role chemistry plays in the human body, and use capillary action to change the color of a white flower.

**Price: \$280 (\$255 members)**





# 4-8 CAMPS

8:15 a.m. to 4 p.m.

## Inspired by Animals

June 6-10

Explore the amazing ways insects and animals use math, engineering and science to navigate our shared world. Code a Sphero robot to mimic an insect's movements, engineer a maze for a hamster, and dissect a real squid! Learn how scientists borrow inspiration from nature while innovating, and do some biomimetic engineering of your own. Then, put your newfound knowledge to work solving a nature-inspired whodunnit: examine fur samples, identify droppings, and analyze animal calls to catch the culprit responsible for a mystery caper!

**Price: \$280 (\$255 members)**

## Sphero Robotics

June 13-17

Experience the power of programming! Get hands-on with technology as you tinker with BOLT, the most advanced coding robot ball Sphero has to offer. Explore biorobotics, program art bots, and tackle gamified challenges as you learn to navigate physical and digital obstacles. Packed with programmable sensors and customizable LED matrices, the possibilities with Sphero are endless!

**Price: \$280 (\$255 members)**

*Based on content from Computer Science Foundations curriculum by Sphero.*

## Artists Extraordinaire

June 20-24

Experiment with light, color and geometry as we explore how science, technology, math and engineering can help us make art and the many contributions art has made to science. Engineer drawing machines, craft colorful mosaics, explore paint viscosity, build circuits to light up your artwork, and so much more... this week is sure to keep your creativity flowing!

**Price: \$280 (\$255 members)**

## Spy Science

June 27-July 1

Discover the many marvelous ways science can help us solve mysteries! Uncover secret messages, explore electricity, and get hands-on with chemistry as we learn about endo- and exothermic reactions. Then investigate illusions, sculpt with shadows, debug HTML, "code" a friend, design and build spy gadgets, and so much more!

**Price: \$280 (\$255 members)**

## The Science of Minecraft

July 4-8

Collaborate as a class to build a unique Minecraft village based on real-world research, experiments and activities! Each day offers a host of new hands-on challenges followed by time working in Minecraft: Education Edition. We'll explore themes around biomes, material science, civil engineering, circuitry and redstone machines, sustainable planning and more!

**Price: \$280 (\$255 members)**



## Sports Science: Faster, Stronger, Better

July 11-15

Channel your inner athlete! Investigate the mechanics of movement, the physics of motion, and the impact of exercise and nutrition on the human body. Which muscles help you throw a touchdown or score a three-pointer? How can you run faster, play better, and train smarter? Learn about heart health and the importance of good hydration while playing real sports and exploring the science behind them. Field trips included!

*Price: \$295 (\$270 members)*

## Chemistry Lab

July 18-22

Explore the wonders of chemistry through hands-on experiments and workshops! Learn the basics of lab safety before making rainbow brew, creating colorful bath bombs, and exploring biochemistry with an electrolyte challenge. Then get ready to hydrodip tiles, make bubbly chemical concoctions, and use capillary action to change the color of flowers!

*Price: \$280 (\$255 members)*

## Space Camp

July 25-29

The sky's not the limit this week! Learn all about space exploration and its many exciting careers as you create constellations, engineer and launch rockets, and code RVR robots. Get up close and personal with a real moon rock, examine a shuttle tile from the International Space Station, safely land a rover from 60 feet up, and discover the exciting new technologies that will help humans travel to Mars and beyond.

*Price: \$280 (\$255 members)*

## Theme Park Engineering

August 1-5

Design your own crazy coaster theme park! Use science to engineer a marble run rollercoaster, invent and play midway games, and get hands-on with Newton's laws of motion. Investigate the forces behind your favorite wild rides and then harness the laws of physics to design and build brand new ones. Campers will also take a special field trip to Cedar Point this week to explore the science behind real-world rides and games! *Price: \$325 (\$300 members)*

## Brick by Brick

August 8-12

Combine your eye for design and love of engineering to tackle a wide range of challenges inspired by the real world! Use LEGO® bricks to explore patterns in three dimensions, experiment with physics and architecture, create machines that really move, make some stop-motion movie magic, and more.

*Price: \$280 (\$255 members)*

*Based on content from LEGO® Education.*

## Build a Better Tomorrow

August 15-19

Learn how to leverage science, technology, engineering and math to make a difference in the world—starting with your very own community! Campers will get hands-on with robotics workshops, design challenges and maker activities while exploring strategies for navigating tough emotions, communicating diverse ideas, and supporting each other as allies.

*Price: \$280 (\$255 members)*



Lunches are available for \$40 per week, or campers may bring their own.

Before- and after-care are available for an additional fee. Before-care begins at 7:30 a.m. for an additional \$30 per week. After-care runs until 5:30 p.m. for an additional \$60 per week. Register for both and save \$10.

# CAMP CALENDAR

## K-3

June  
**6-10**

**Lego  
Engineers**

June  
**13-17**

**Science  
Sleuths**

June  
**20-24**

**Budding  
Biologists**

June **27-**  
July **1**

**Sphero Young  
Explorers**

July  
**4-8**

**Little Allies**

July  
**11-15**

**Sports Science:  
Little Athletes**

July  
**18-22**

**Mini Minecraft  
Engineers**

July  
**25-29**

**The Art  
of Science**

August  
**1-5**

**Crazy  
Coasters**

August  
**8-12**

**Out of This  
World**

August  
**15-19**

**Chemistry  
Basics**

**Great team.  
Excellent  
professionals who  
are passionate  
about their work.**



## 4-8

June  
**6-10**

Inspired by  
Animals

June  
**13-17**

Sphero  
Robotics

June  
**20-24**

Artists  
Extraordinaire

June **27-**  
July **1**

Spy Science

July  
**4-8**

The Science  
of Minecraft

July  
**11-15**

Sports Science:  
Faster, Stronger,  
Better

July  
**18-22**

Chemistry  
Lab

July  
**25-29**

Space Camp

August  
**1-5**

Theme Park  
Engineering

Thank you for this very important care and learning for my child while we work. We are so glad you are here for us!

August  
**8-12**

Brick by  
Brick

August  
**15-19**

Building  
a Better  
Tomorrow

We felt that this was going to be heavier in scientific theory and application than other resources in the area. We were not disappointed.

# REGISTER TODAY!

## How to register for camps at the Science Center:

**1 Online at [GreatScience.com](http://GreatScience.com)**  
Please register each child separately.

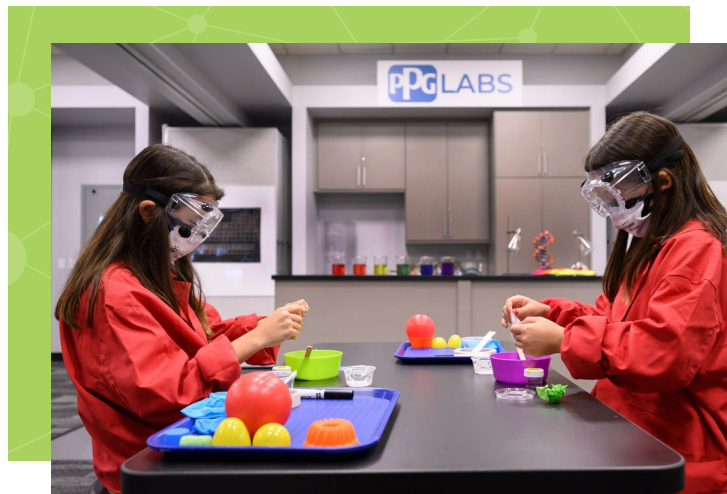
**2 By phone at 216-621-2400**

Camps run Monday through Friday, 8:15 a.m. to 4 p.m. Camper drop-off runs from 8:15-9 a.m. and pick-up runs from 3:15-4 p.m.

Register your child for the grade level they will be attending this coming school year.

Camp themes allow students to be inside and outside during the day. Please have your camper arrive dressed for the weather. This includes pre-applying sunscreen before the camp day starts.

Campers may bring a brown bag lunch or pre-order a boxed lunch from the Science Center. Boxed lunches are \$40 per week. Campers are asked to bring a water bottle and snack each day of camp.



## Payment Plans

Payment plans are available for Camp Curiosity. A 25 percent down payment is required at the time of registration and 25 percent is due every 30 days thereafter until full payment is made. A \$10 service fee is applied. Full payment for a session is due no later than three days before the start of camp. Any remaining balance will be automatically charged three days before a session begins. Campers cannot attend any session that has not been paid in full.

## Refund and Cancellation Policy

In the event local health authorities prohibit camp operations at the Science Center at the time of a scheduled camp session, full refunds will be issued automatically back to the original form of payment. All other cancellations must be made more than 14 days before the registered program date to receive a refund. A 25 percent administrative fee will be withheld. No refunds will be given within 14 days of the program date.

In the event you need to cancel your registration due to Covid, please contact us as soon as possible, we will arrange to either move your registration to a different week of camp or issue you a refund.

## Experienced Teachers

Each camp is led by an experienced local teacher, assisted by camp counselors including science professionals and college students with documented experience working with children. All summer camp staff members are CPR, AED and first aid certified and have passed criminal background checks.

## Discounts

Early Bird Discount: Register by March 31 and receive \$20 off. Register by April 30 and receive \$10 off. Alumni Discount: Returning camp or Great Science Academy children receive a \$10 discount. Multi-Week Discount: Campers who sign up for more than one week of camp receive a \$10 discount off each additional week. Siblings registered for the same weeks receive a \$5 discount. Member Discount: Science Center members always save \$25 per camp!

Discounts can be combined to build the best value for your budget.

## Before- and after-care

Before-care is offered starting at 7:30 a.m. for an additional \$30 per week. After-care is offered until 5:30 p.m. for an additional \$60 per week. Register for both extended care options for \$80 per week.

## Scholarships

We are proud to offer need-based scholarships for camp attendees. Students that qualify for free- or reduced-cost lunch at school may qualify for a camp scholarship. For details, see the scholarship application online at [GreatScience.com](http://GreatScience.com), or write us at [scholarships@glsc.org](mailto:scholarships@glsc.org).



Great Lakes Museum of Science, Environment, and Technology  
601 Erieside Ave. • Cleveland, OH 44114  
[GreatScience.com](http://GreatScience.com)

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