



All 2024 RMSC Summer Curiosity Camps take place at the RMSC Museum & Science Center or Strassenburgh Planetarium in Rochester, NY.

Looking for the RMSC Cumming Nature Center? [Click here](#)

Explore the table below for camp information. Click the age group you are interested in below to navigate to full camp descriptions.

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Pricing

Type of Camp	Cost
Mini Camps (Ages 3-4 & 4-5) 9am–1pm	\$185 per week*
Almost Camps (Ages 5-7) 9am–2:30pm	\$235 per week**
Full Day Camps (Ages 6-8, 9-11, 12-14) 9am–4pm	\$305 per week
Extended Care	
Before Care (7:45-9am)	\$7/day or \$30/week
After Care (4-5:30pm)	\$7/day or \$30/week
Combo (Before & After)	\$50/week

*Extended care not available for Mini Camps **After Care not available for Almost Camps

AGES 3–4

Introduce your youngest campers to hands-on science and summer fun with activities that help campers learn through play in a social setting. Campers must bring their own nut-free snack and lunch.

Week	Dates	Camp Name
WEEK 1	July 8-12	Little Critters
WEEK 2	July 15-19	OuterSpace Adventures
WEEK 3	July 22-26	Rainbow Explorers
WEEK 4	July 29-August 2	Under the Sun
WEEK 5	August 5-9	Sprout & About
WEEK 6	August 12-16	On the Go!
WEEK 7	August 19-23	N/A
WEEK 8	August 26-30	N/A

DESCRIPTIONS (AGES 3–4)

LITTLE CRITTERS

Have fun this summer as you crawl and slither with Little Critters! Learn about bug body parts and how they help insects survive and get around, then search the campus for insects and other critters in our collections and outdoors

ON THE GO!

Blast off into a week of fun as we learn about how transportation systems move people & things from place to place. Peek inside simple machines to see what makes them go. Journey through planes, trains, and the many things in between!

OUTER SPACE ADVENTURES

Welcome to astronaut training school! Over the next five days, your training will include launching rockets, experimenting with gravity, and preparing for alien encounters. Cap off the week with a star show at the RMSC Strassenburgh Planetarium.

RAINBOW EXPLORERS

What are rainbows made of? How can you make new colors? Learn how to mix colors and make patterns, then find them in nature and have a color parade! You are bound to have fun this week with Rainbow Explorers!

SPROUT & ABOUT

Dig up some fun—from roots to shoots, flowers to vegetables, and all sorts of growing things in between. Get an up-close look at some creatures that live in the ground, and discover all the science happening in our own backyard!

UNDER THE SUN

So many things need the sun to grow—just like you and me. We will learn about the life cycle, why bees pollinate, and find squirrels climbing up trees. This week, campers will explore the many things they can find Under the Sun!

AGES 4–5

Introduce your youngest campers to hands-on science and summer fun with activities that help campers learn through play in a social setting. Campers must bring their own nut-free snack and lunch.

Week	Dates	Camp Name
WEEK 1	July 8-12	Art A-Z
WEEK 2	July 15-19	Seas the Day
WEEK 3	July 22-26	Jurassic Adventures
WEEK 4	July 29-August 2	Career Day
WEEK 5	August 5-9	The Super Hero in Me
WEEK 6	August 12-16	Take a Trip
WEEK 7	August 19-23	N/A
WEEK 8	August 26-30	N/A

DESCRIPTIONS (AGES 4–5)

ART A-Z

Take to the canvas in this camp inspired by the ABCs of art. Campers will visit our galleries for inspiration and create their own masterpieces. Experiment with different materials, mix and match colors, and more!

CAREER DAY

More like Career Week! We'll spend our time exploring skills, trades, and jobs of all sorts—from first responders to engineers and builders, to the roles and responsibilities found right here at the RMSC. Get ready to get to work!

JURASSIC ADVENTURES

Get ready to roar like a dinosaur! We're headed way, way back to the Jurassic for a week of paleontological discoveries! Dig for fossils, hatch "dinosaur eggs," and think larger than life as you measure these mega-sized reptiles of the past.

SEAS THE DAY

Get ready to catch the wind on the open seas. What lies beneath and in between our oceans and lakes? Spend the week splashing and exploring H2O, aquatic animals, and more!

THE SUPERHERO IN ME

Sometimes I feel strong, and other times I feel weak. Let's talk about our differences and what makes us so unique. This week, campers will learn to express themselves, overcome their fears, and tap into their inner superpowers. We will overcome obstacles, engineer superhero rescue vehicles, and stand tall in our superhero capes. It's not hard to see The Super Hero in Me!

TAKE A TRIP

We're headed around the globe this week to Take a Trip! Campers will set out on an adventure to distant lands to explore the 7 continents. We'll hike through mountains, dare to explore a volcano, and learn about animals in the rainforest.

AGES 5–7

For “almost” a full day, Almost Campers enjoy fun and enriching learning experiences and explore the RMSC while preparing for a full day program.

Campers must bring their own nut-free snack and lunch.

Week	Dates	Camp Name
WEEK 1	July 8-12	<ul style="list-style-type: none"> ● Critter Crossing ● Galaxy Games ● Fairy Tale Engineering
WEEK 2	July 15-19	<ul style="list-style-type: none"> ● Critter Crossing ● Galaxy Games ● Fairy Tale Engineering
WEEK 3	July 22-26	<ul style="list-style-type: none"> ● Shipwrecks & Mermaids ● Animal Engineers ● Explosive Art
WEEK 4	July 29-August 2	<ul style="list-style-type: none"> ● Shipwrecks & Mermaids ● Animal Engineers ● Explosive Art
WEEK 5	August 5-9	<ul style="list-style-type: none"> ● Mini Med School ● Hocus Pocus ● Outdoor Explorers
WEEK 6	August 12-16	<ul style="list-style-type: none"> ● Mini Med School ● Hocus Pocus ● Outdoor Explorers
WEEK 7	August 19-23	<ul style="list-style-type: none"> ● Flight School ● Extreme Animals ● Animal Engineers
WEEK 8	August 26-30	<ul style="list-style-type: none"> ● Flight School ● Extreme Animals

DESCRIPTIONS (AGES 5–7)

ANIMAL ENGINEERS

From beavers to birds nests, the building never ends. Learn about how animals are engineers—protecting themselves from the elements and creating cozy homes. Spend some time this week learning about Animal Engineers!

CRITTER CROSSING

Calling all eager beavers and social butterflies! If you love insects and animals, you'll be drawn to this camp like a moth to a flame. Discover what critters eat, where they live, and the role they play in our world. This camp will be the bee's knees!

EXPLOSIVE ART

Watch out! This week is full of art explosions! Explore elastic energy with rubber band art, set off a chain reaction, and use the element of surprise to create other unique (and messy!) forms of art.

EXTREME ANIMALS

Get wild and discover some of the most extreme animals on the planet—from misunderstood predators to cuddly critters that are surprisingly vicious. Discover how bats, owls, and other nocturnal animals are adapted to life at night, then visit the animals in the Inquiry Room at the RMSC!

FAIRY TALE ENGINEERING

Quick! Your favorite storybook characters need your help! Work together to explore fairy tales backed by the power of science. Build a bridge for the Billy Goats Gruff and engineer an escape for Rapunzel. Design a bookstand for Belle (or your own beloved stories), and help us transform the classroom into a magical maker space. Don't just wait for a happy ending, engineer it!

FLIGHT SCHOOL

Spend the week in the air investigating aviation and flight. Explore animals that fly, glide, flap, and soar. Inspired by nature (and backed by Bernoulli), innovate the ultimate paper airplane, drop an egg from the Planetarium tower, and launch rockets. Up, up, and away!

GALAXY GAMES

3, 2, 1! Blast out of this world with a week of Galaxy Games. Dodge meteor showers, orbit with the planets, and pilot your own rover on Mars at the Strassenburgh Planetarium. Then see what life would be like on the moon.

HOCUS POCUS

Abracadabra, hocus pocus, it's magic—with a science focus! Learn the science behind optical illusions, mix color-changing slime, and find out what's in a magician's bag of tricks.

MINI MED SCHOOL

Enroll today in Mini Med School at the RMSC, the only medical school to accept five-year-olds! Once we look the part, we'll get down to business and learn all about the human body—inside and out.

OUTDOOR EXPLORERS

You'll need some sunscreen for this one—we're headed outside! Learn outdoor skills, explore and plant in the RMSC's gardens & grounds, build a campfire and make s'mores, play sidewalk games, and enjoy the great outdoors!

SHIPWRECKS & MERMAIDS

Ahoy, mateys! It's time to seize the day on the sea! Engineer a ship, then conduct experiments so that you don't sink (or maybe it's a submarine—plot twist!). Swim with sharks, and make other pirate props. Aye, aye, captain!

AGES 6–8

Full Day Campers spend the whole day exploring the wonderful ways science opens up our eyes to the world! Investigate STEM topics, wander the halls of the RMSC, and let your curiosity run wild! Campers must bring their own nut-free snack and lunch.

Week	Dates	Camp Name
WEEK 1	July 8-12	<ul style="list-style-type: none">● Astronaut Adventures● More Than Movement● Architects & Engineers● Artist's Studio● Bugs & Beyond● Force of Nature● RMSC Robotics Explorers
WEEK 2	July 15-19	<ul style="list-style-type: none">● Astronaut Adventures● More Than Movement● Architects & Engineers● Artist's Studio● Bugs & Beyond● Force of Nature● RMSC Robotics Explorers
WEEK 3	July 22-26	<ul style="list-style-type: none">● Astronaut Adventures● More Than Movement● Games & Gadgets● Bugs & Beyond● Force of Nature● Tricks & Treats● RMSC Robotics Explorers
WEEK 4	July 29-August 2	<ul style="list-style-type: none">● Island Adventures

		<ul style="list-style-type: none"> • More Than Movement • Games & Gadgets • Vet School 101 • Solar Camp • Tricks & Treats • RMSC Robotics Explorers
WEEK 5	August 5-9	<ul style="list-style-type: none"> • Island Adventures • Alpha Animals • Make: Believe • Earth Mysteries • Vet School 101 • Solar Camp • Tricks & Treats • RMSC Robotics Explorers
WEEK 6	August 12-16	<ul style="list-style-type: none"> • Island Adventures • Alpha Animals • Make: Believe • Earth Mysteries • Vet School 101 • Solar Camp • Architects & Engineers • RMSC Robotics Explorers
WEEK 7	August 19-23	<ul style="list-style-type: none"> • Big Art • Spy Camp • Alpha Animals • Make: Believe • Architects & Engineers • RMSC Robotics Explorers
WEEK 8	August 26-30	<ul style="list-style-type: none"> • Big Art • RMSC Robotics Explorers

DESCRIPTIONS (AGES 6–8)

ALPHA ANIMALS

Dinosaurs, sharks, and praying mantises—oh my! Learn all about teeth, claws, beaks, and unexpected predators around the world. It's time to find out what life's like at the top of the food chain!

ARCHITECTS & ENGINEERS

We have the blueprints and measurements to design a one-of-a-kind experience. In Architects & Engineers, campers will learn how the two professions work together to create dynamic structures. Explore some local designs, then create your own!

ARTIST'S STUDIO

Take control and run the show—it's your art studio! Campers will make their own art supplies, bringing science and art together in a museum-worthy masterpiece.

ASTRONAUT ADVENTURES

Explore your curiosity in this space-themed camp. How hot is the sun? Is there life on Mars? What fun can be had on Pluto? Learn all about life in space, then take off on your very own Astronaut Adventure.

BIG ART

Think larger than life in Big Art! We're exploring installation art, bringing together design and engineering as we build art to impress. Add your own twist and make a masterpiece for Friday's group exhibition. You might want to wear a smock for this one.

BUGS & BEYOND

Buzz like a bee, crawl like a caterpillar, and more in Bugs & Beyond! We're studying bugs that glow, beetles that shine, and every insect in between. Hunt for critters all around campus and illustrate a field guide filled with interesting insects.

EARTH MYSTERIES

Have you ever wondered about Earth's biggest wonders? From pyramids to volcanoes to the bottom of the deep blue sea, join us this week to explore Earth and what it's made of.

FORCES OF NATURE

You may want to bring an umbrella—we anticipate high gusts of wind and rain this week in Forces of Nature! From blizzards to tornadoes, explore the danger and beauty of natural disasters and the science behind them.

GAMES & GADGETS

Tinker and take apart gizmos, gadgets, and toys to find out how they work. Then put them back together again (if you can)! Experiment with simple machines, enter the Rube Goldberg challenge, and learn to think like an inventor as you create your own Games & Gadgets!

ISLAND ADVENTURES

Spend the week as a stranded castaway on an island adventure! Discover wacky island animals, build a stormproof shelter, and engineer an escape (if you even want to leave). We might be stranded, but we've got science on our side!

MAKE: BELIEVE

Voices, props, and dramatic play—it's all a possibility. You just need to make it happen! Learn the maker's ABCs as you craft costumes, design disguises, and engineer with your imagination. Spin stories, tell tales, and act them out together.

MORE THAN MOVEMENT

What kinds of movements make you feel excited and energized—or calm and relaxed? How can moving help you focus and think? Take a look at how different types of physical expression can communicate messages and impact your mind and body. It's More Than Movement—so let's move!

RMSC ROBOTICS EXPLORERS

Get ready for a hands-on introduction to robotics in Robotics Explorers. We'll experiment with a variety of different robotics systems to learn about programming, design thinking, and problem-solving!

SOLAR CAMP

Here comes the sun! Learn about our most important star as you explore different forms of renewable energy, experiment with solar panels, and cook up a sunny snack.

SPY CAMP

Explore and engineer gadgets that allow spies to collect information without being seen. Use devices that allow you to see in the dark, write secret codes, and build reflexes as you create and move through a laser maze.

TRICKS & TREATS

Don't blink—you just might miss the science behind these optical illusions. Learn common magic tricks, create your own ephemeral experiments, and then mix up some treats with sweet, sweet science.

VET SCHOOL 101

What happens if a cat gets the sniffles? Or a lizard gets a cold? What does it take to be a veterinarian? Find out this week in Vet School 101!

AGES 9–11

Full Day Campers spend the whole day exploring the wonderful ways science opens up our eyes to the world! Investigate STEM topics, wander the halls of the RMSC, and let your curiosity run wild! Campers must bring their own nut-free snack and lunch.

Week	Dates	Camp Name
WEEK 1	July 8-12	<ul style="list-style-type: none"> ● Your Brain ● Fort Building ● Design Studio ● Disaster ● Behind the Scenes at the RMSC
WEEK 2	July 15-19	<ul style="list-style-type: none"> ● Your Brain ● Fort Building ● Design Studio ● Disaster ● Behind the Scenes at the RMSC
WEEK 3	July 22-26	<ul style="list-style-type: none"> ● Seeds & STEM ● Fort Building ● Design Studio ● Don't Try This at Home ● VEX Robotics
WEEK 4	July 29-August 2	<ul style="list-style-type: none"> ● Seeds & STEM ● Fort Building ● Game On ● Don't Try This at Home ● VEX Robotics
WEEK 5	August 5-9	<ul style="list-style-type: none"> ● Med School 101 ● Camp Adventures ● Game On ● Mysteries & Make Believe ● VEX Robotics
WEEK 6	August 12-16	<ul style="list-style-type: none"> ● Med School 101 ● Camp Adventures ● Game On ● Mysteries & Make Believe ● VEX Robotics
WEEK 7	August 19-23	<ul style="list-style-type: none"> ● Picture This! ● FUN-draisers ● Med School 101 ● VEX Robotics
WEEK 8	August 26-30	<ul style="list-style-type: none"> ● Picture This! ● Wall to Wall

DESCRIPTIONS (AGES 9–11)

BEHIND THE SCENES AT THE RMSC

From Collections & Exhibits to Marketing and Education, learn about how the RMSC designs and creates exhibits and interactive elements for visitors. It's so much more than what you see; come spend a week exploring Behind-the-Scenes at the RMSC!

CAMP ADVENTURES

Pack your bag, DIY a compass, and get ready for some fun. Harness the power of the sun for a snack, create your own games, and climb up Lake Ontario. See you at Camp Adventures!

DESIGN STUDIO

Make a masterpiece with machines as you explore and create in our state-of-the-art Tech Lab. See your creativity come to life with 3D printing, engraving on the Glow Forge, and Cricut-created fashion. Take your art and designs to the next level in Design Studio!

DISASTER

Spend a week making the Earth shake! Learn about landslides, tsunamis, plate tectonics, and wild weather. Explore natural and manmade disasters—then engineer a sustainable solution.

DON'T TRY THIS AT HOME

If there's one thing we're good at, it's making a mess! Get ready for our messiest, most outrageous camp yet. Drop a watermelon from the Planetarium tower, and discover the exciting science of Gross-ology. But whatever you do, DON'T TRY THIS AT HOME!

FORT BUILDING

Grab your bed sheets and some clamps. We're building a fort! We'll start small, beginning each day with engineering challenges designed to test creative problem-solving skills. Then we'll think (and build) BIG as we work from model to scale and transform our classroom into an enormous fort city.

FUN-DRAISERS

Calling all budding entrepreneurs—we need your help! Join forces with the RMSC team to find out how to raise support for important things! Learn the ins and outs of a fundraising campaign as you conduct your own. Flip giftshop leftovers for a profit, build a budget to decide how to spend it, then hold a red ribbon ceremony to celebrate Curiosity Camp's newest feature—YOUR design!

GAME ON

Gear up for a week of exploring games of all forms—past, present, and future; competitive and cooperative; digital and analog; indoor and outdoor. Complete our quest and you just might Level Up!

MED SCHOOL 101

Grab your stethoscope! We've got one week to nail the basics before the big exam. Explore organs and body systems, then scrub up and head to the operating room to dissect a sheep's heart. From the hair on your head to the tips of your toes, it's all on the syllabus in Med School 101. Please note that dissections are optional, and alternative activities will be provided.

MYSTERIES & MAKE BELIEVE

DUN DUN DUN! Get ready for a week of twists, turns, and surprises in this camp made for believe makers! Uncover clues and solve mysteries, don DIY disguises, and visit the RMSC's galleries for inspiration as you learn the art of storytelling. Let the creative juices flow!

PICTURE THIS!

Say cheese! This camp is all about imagery—from early photography to the modern-day selfie. Make your own art, and capture magical moments in time. What do you see through a camera's lens?

SEEDS & STEM

You don't have to live on a farm to grow your own food. Plant seeds, learn about the science of growing, care for garden beds, and learn to catch rainwater. You can have a green thumb!

VEX ROBOTICS

Build complex robots, learn about gear ratios, and overcome team challenges in VEX Robotics! Experiment with the design-thinking process as you build, test, and re-test your team's robot to complete tasks and compete in head-to-head competitions.

WALL TO WALL

Quick, grab a paintbrush—and a ladder?! We've got a wall to paint! Join us for a week of art-making as we take over the RMSC with local artists Shawnee Hill and Magnus Champlain. Design, create, and collaborate as a group to transform our space with a temporary mural. Get ready to fuel some curiosity!

YOUR BRAIN

Take a look inside Your Brain! Explore how the occipital lobe impacts the way you perceive color, and find out how the temporal lobe helps us to learn, feel, and hear. From the frontal lobe to your cerebellum, get ready to navigate the center of the body!

AGES 12–14

Full Day Campers spend the whole day exploring the wonderful ways science opens up our eyes to the world! Campers must bring their own nut-free snack and lunch.

Week	Dates	Camp Name
WEEK 1	July 8-12	Laser Focus
WEEK 2	July 15-19	VEX Robotics
WEEK 3	July 22-26	Laser Focus
WEEK 4	July 29-August 2	Cycle Science
WEEK 5	August 5-9	Laser Focus
WEEK 6	August 12-16	Level Up
WEEK 7	August 19-23	Laser Focus
WEEK 8	August 26-30	VEX Robotics

DESCRIPTIONS (AGES 12–14)

CYCLE SCIENCE

Tune up your bike skills in this week-long camp all about Cycle Science! Learn how to fix simple repairs and perform routine maintenance, upcycle bike tubes as you design futuristic safety fashion. Learn about Changemakers in cyclist history—then go big, and become one yourself!

LASER FOCUS

Explore STEAM activities through the hands-on science of lasers and lights. Campers will work together in teams to create laser light and music shows that they will develop, program, and share. Lenses, mirrors, and mounts—oh my!

LEVEL UP

Boot up, and get ready for some player-versus-player fun! Earn XP as you sharpen your STEM skills battling monsters and seeking treasure in a tabletop game of your own design. Get ready to Level Up!

VEX ROBOTICS

Build complex robots, learn about gear ratios, and overcome team challenges in VEX Robotics! Experiment with the design-thinking process as you build, test, and re-test your team's robot to complete tasks and compete in head-to-head competitions.