

JOIN US FOR

SUMMER

FUN



May 28 – August 23*

**13 Weeks of Hands-On
Science Camps for
Youth Pre-K Through
Rising 9th Grade**





CAMP INFORMATION

CAMP LOCATION

Summer Fun activities are primarily located in the West Education Building on the SALT Block campus. SciFun classes are held in the classrooms of this building or Glenn Hilton Jr., Memorial Park for our Nature Fun classes. Any offsite class field trips will be noted in the class description. During Sunrise Science and Afternoon Adventures campers will have a "home base" room, but may also be in CSC exhibit areas or outside on the SALT Block grounds. Afternoon field trips off the SALT Block grounds will take place according to the weekly schedule provided on the first day of camp every week.

CAMP SCHEDULE

A weekly schedule will be available on the first day of camp each week. This will have all the information you need to plan for the week and to pick up your child.

CAMP COST

The prices of SciFun classes vary for CSC members. Please see the class description and the cost of each SciFun class, starting on page 3. Please see page 2 for the cost of Sunrise Science and Afternoon Adventures programs.

EXTENDED DAY

For campers attending Afternoon Adventures, additional details will be included with the confirmation letter emailed to parents. **After 5:30 pm, a \$1 per minute per child late fee will be charged.**

CHECK-IN/SIGN-OUT POLICY

All children must be checked in and signed out by a parent or authorized adult. All check-in takes place inside the West Education Building. For the security of all children, SciFun pickup will take place in the same location as check-in unless your child's classroom has an exterior door. For Afternoon Adventures, you must call to have your child brought to the lobby of the West Education Building. Parents with special needs may ask for exceptions to this procedure. Please call the office to reach CSC's Public Programs Coordinator to make advance arrangements. Parents or guardians must have proper documentation to pick up their child.

GROUPINGS

Please let us know of any requested groupings when registering in case we open up an additional class for the week. Examples of this are siblings and close friends. We WILL NOT be able to move children around on the day of camp.

LUNCHES AND SNACKS

Children participating in Sunrise Science are encouraged to bring a small snack. Campers attending the Summer Fun Afternoon Adventures must bring a bag lunch, drink, and an afternoon snack. Microwave and refrigerator are not available for camper's use. Additional snacks are highly recommended.

PROHIBITED ITEMS

For the safety of children and their belongings, we request that Summer Fun participants do not bring any electronic devices. If cell phones are parent-approved, they must be kept out of sight at all times. Also prohibited are shoes with wheels.

PARKING POLICY

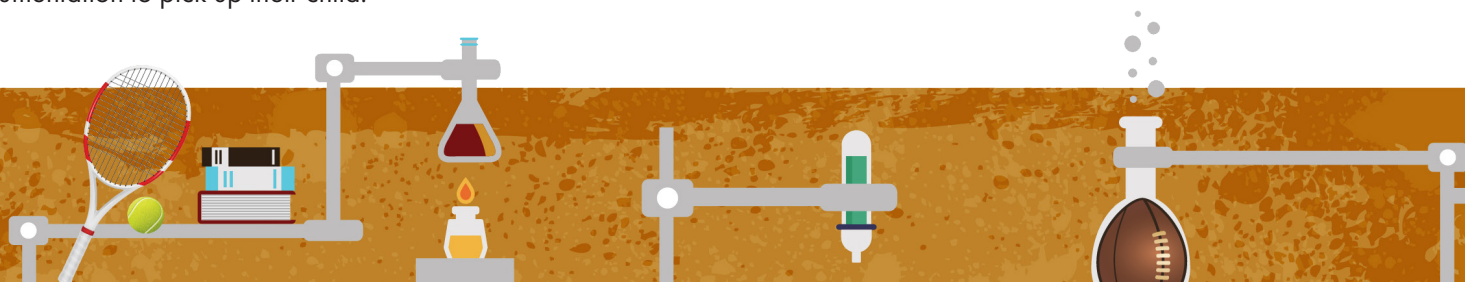
When checking in or picking up your child, you must park in a designated parking space. Please do not stop your vehicle in the driveway. Parking is available in the North and South Lobby entrance areas and along Third Ave NE in front of the buildings. A map will be sent with your confirmation.

REFUND POLICY

If cancellation occurs two weeks before class begins an **administrative fee of \$12** per class will be deducted from the refund. Refunds will not be given for cancellations occurring after the two-week cancellation date. CSC reserves the right to cancel any class/ program if the minimum enrollment is not met. If CSC cancels the class the entire payment will be refunded. Participants will be notified the Thursday of the week prior to the class of any changes.

LATE REGISTRATION FEE

A **late fee of \$15** per child will be charged for registrations made less than one week prior to camp.





SUMMER FUN

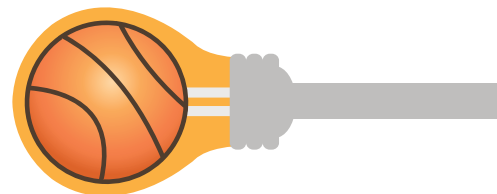
GO STINGRAYS!

CAMP STRUCTURE

CSC is offering 13 weeks* of hands-on science this summer. Children can attend SciFun Classes each day from 10:00 am to noon. We also provide extended daycare options for an additional price. Care is available from 7:30 am to 5:30 pm. Weeks 1 and 6 will only be 4 days.

**Weeks 1 and 6 will only be 4 days - weekly rates will be less than the rates listed below.*

CREATE A SCHEDULE THAT WORKS FOR YOU!



Summer Fun SciFun Classes

Pre-K* – 9th grade

Monday – Friday, 10:00 am – 12:00 pm

Choose from 13 weeks of exciting and fun-filled science classes designed for specific age groups. Each week features a different class theme. Cost varies by week and topic.

Afternoon Adventures

1st – 9th grade

Monday – Friday, 12:00 pm – 5:30 pm

Supervised activities include indoor and outdoor games, scavenger hunts, and themed parties. Enrolled participants may go on field trips to great local attractions: swim at the YMCA, watch movies at Carolina Theatre, take walks in the City of Hickory Parks, have story time at Patrick Beaver Memorial Library (young campers), and bowl at Pin Station (older campers). **M \$83 NM \$108**

4 DAY: M \$66 NM \$86

Sunrise Science

Pre-K* – 9th grade

Monday – Friday, 7:30 am – 10:00 am

Available for 4-year-olds to rising ninth-graders. Supervised independent learning experiences, science-related games, and exhibit visits before CSC opens to the public! Drop-off can happen any time before 10:00 am.

**Pre-K participants must be at least 4 years of age.*

M \$22 NM \$27

4DAY: M \$18 NM \$22

Each SciFun camper will receive a free t-shirt.

Late Registration Fee

A **late fee of \$15** per child will be charged for registrations made less than one week prior to camp.



2024

JOIN US FOR SUMMER FUN



SCHOLARSHIPS AVAILABLE!

Visit CatawbaScience.org/scholarship-discounts for more info on our Portal to Science program





Rising Pre-k & Kindergarten

SciFun Classes • 10 am to 12 noon

Week 1 – May 28-31 (4-day week)

All About Me! - Your fingerprints, eyes, and smile are unique just like you! Paint what you see in the mirror on a mirror and make art with the letters of your name. Also, explore your senses by playing fun games!

Member \$ 72, Non-member \$92

Week 2 – June 3-7

Sticky Icky Science — Stir, mix, and shake your way to create some sticky icky science creations. Make slime to ooze through your fingers while you learn about solids, liquids, and gases.

Member \$90, Non-Member \$115

Week 3 – June 10-14

Creek Critters — Let's investigate water and what lives in local creeks. Trek to McComb Park in rain boots or water shoes and explore the creek! Make a 'stained glass' dragonfly.

Member \$90, Non-member \$ 115

Week 4 – June 17-21

Not So Secret Life of Pets — Practice your numbers, shapes, and letters while learning about birds, hamsters, fish, cats, and dogs! Craft a Pete the Cat and meet some pets from the Humane Society.

Member \$ 90, Non-member\$115

Week 5 – June 24-28

Good Morning Sun, Good Morning Moon — Did you know sometimes you can see the moon during the day? Learn about our sun and moon while catching rays and making craters. Visit our Millholland Planetarium to see stars!

Member \$90, Non-member \$115

Week 6 – July 1-3, 5 (4-day week)

On the Go — We zoom around in cars, boats, trains, and planes, and there is much to learn about them! Make tire track art and ride through a pretend carwash!

Member \$72, Non-member \$92

Week 7 – July 8-12

Safety Patrol! — Discover the world of first responders! Meet a firefighter, a policeman, and even a real patrol dog! Learn fire safety and how to Stop! Drop! and Roll! Craft your own Patrol Lookout Tower.

Member \$90, Non-member \$115

Week 8 – July 15-19

Dora's Explorers — Easy as uno, dos, tres! Help Dora read the map and overcome obstacles while learning about Central American wildlife and exploring stars. Make a miniature piñata to take home!

Member \$90 , Non-member \$115

Week 9 – July 22-26

Storybook Adventures — Dive into stories, fables, and fairy tales while learning the science behind them. Create a textured collage based on I Wonder if I'll See a Whale and make your own Mixed-up Chameleon to take home.

Member \$90, Non-member \$115

Week 10 – July 29 - August 2

Sports — Practice your throwing, kicking, and jumping! Learn what helps every Olympian or athlete succeed in doing their best. Visit Big League Fun exhibit!

Member \$90, Non-member \$115





Week 11 – August 5-9

Science in Motion — The adventure begins when the movement starts. Make mobiles and gliders to learn all about the science of motion.

Member \$90 , Non-member \$115

Week 12 – August 12-16

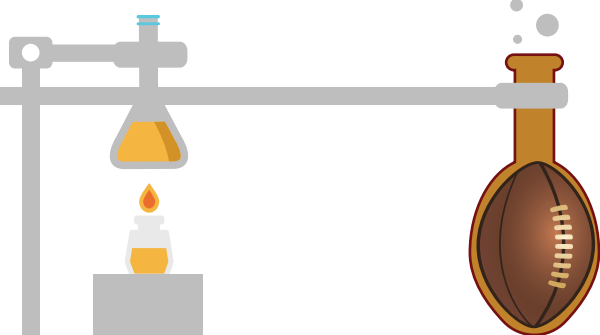
Legos — Learn about different hobbies! Build a stage from Legos. Learn how energy is used in singing in front of an audience.

Member \$90, Non-member \$115

Week 13 – August 19-23

Fish Tales — Delve into the differences between freshwater and marine habitats and their inhabitants while exploring CSC's aquaria. Make your very own Rainbow Fish.

Member \$90 , Non-member \$115



Rising 1st & 2nd Grades

SciFun Classes • 10 am to 12 noon

Week 1 – May 28-31 (4-day week)

Secrets of the Soil — Get ready to dig down and get dirty. Uncover secrets just like a farmer, archaeologist, paleontologist, and geologist. Take a close look at real fossils and gems found in the soil. Plant your own flower to take home and watch it grow!

Member \$72 , Non-member \$92

Week 2 – June 3-7

Magic School Bus Week — Explore the many topics Ms. Frizzle and the class visit in the classic book series, including the human body, the solar system, dinosaurs, bees, and your senses. Meet Ms. Frizzle's pet, Liz Ard!

Member \$ 90, Non-member \$115

Week 2 – June 3-7

TECH CLASS: Gadgets & Gizmos — Calling all makers, inventors, and engineers! Explore gears, chain reactions, and the process of designing and making useful items. Make a no-sew conductive bracelet!

Member \$100, Non-member \$130

Week 3 – June 10-14

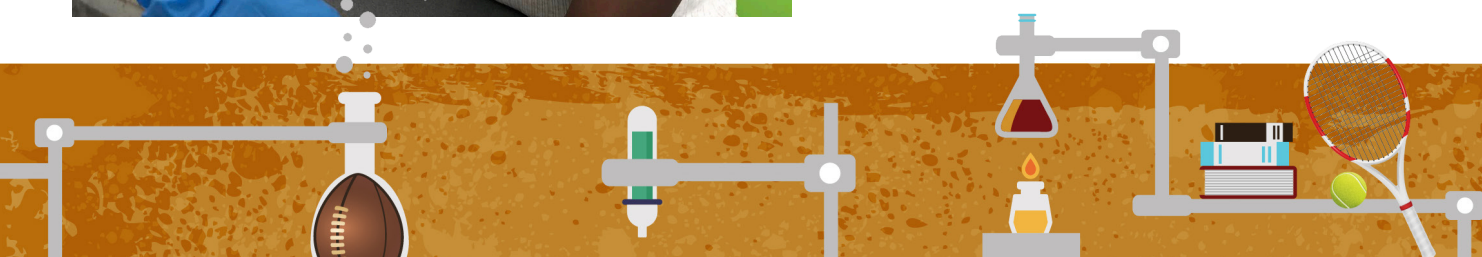
Bubbling Science — Become a bubble expert! Try your hand at concocting the perfect bubble recipe. Create a bubble you can stand in. Make your very own bubble-wrap fish print to take home.

Member \$90, Non-member \$115

Week 4 – June 17-21

Wacky Weather — The forecast for this week is FUN! Spend the week learning about unpredictable weather. Become a young meteorologist as you create clouds, study weather patterns, and make a tornado. Learn from the Zula Patrol while watching a show in the Millholland Planetarium.

Member \$90, Non-member \$115





Week 5 – June 24-28

Legos — Discover the world of hobbies! Explore what it would be like to perform in front of an audience. Design and create a stage from Legos.

Member \$90, Non-member \$115

Week 6 – July 1-3, 5 (4-day week)

Ramps & Yoga — Stretch, twist, and bend your bodies to match poses. Discover how cars move down an inclined plane. Create an incline while exploring different yoga poses.

Member \$72, Non-member \$92

Week 7 – July 8-12

NATURE FUN: Circle of Life — Discover the many lives of animals and plants native to North Carolina. Learn how one tiny seed can grow into a giant tree. Observe the lifecycle of an insect and make a habitat/home for an insect. Held at Glenn C. Hilton, Jr. Memorial Park.

Member \$98, Non-member \$123

Week 7 – July 8-12

Shake, Rattle, & Roll — At times, the Earth takes us on a wild ride. Get all shook up as we explore earthquakes and volcanoes. Try your hand at designing structures to withstand mighty after-shocks.

Member \$90, Non-member \$115

Week 8 – July 15-19

Rovin' on Mars — Learn what it takes to be a Martian in this exciting camp all about Mars! Explore the red planet and how it's similar to Earth. Make an edible Mars rover and visit the Millholland Planetarium!

Member \$ 90, Non-member \$115

Week 9 – July 22-26

Super Structures — Castles, towers, pyramids, pentagons, and forts are all included in this exciting building investigation. Learn about the many different architectural styles of the world while engineering your own incredible structures.

Member \$90, Non-member \$115

Week 10 – July 29 - August 2

Creep into the Deep — Become a deep-sea explorer while learning about creatures from the abyss. Learn about what it takes to dive into unknown depths and create glow-in-the-dark sea creature poop!

Member \$90, Non-member \$115

Week 11 – August 5-9

Sports All-Stars — Practice your perfect pitch with water balloons. Race through a basketball obstacle course. Create your own football kicker. Perfect your floor hockey game. Play while learning teamwork and what your amazing body can do! Visit the Big League Fun exhibit!

Member \$90, Non-member \$115

Week 12 – August 12-16

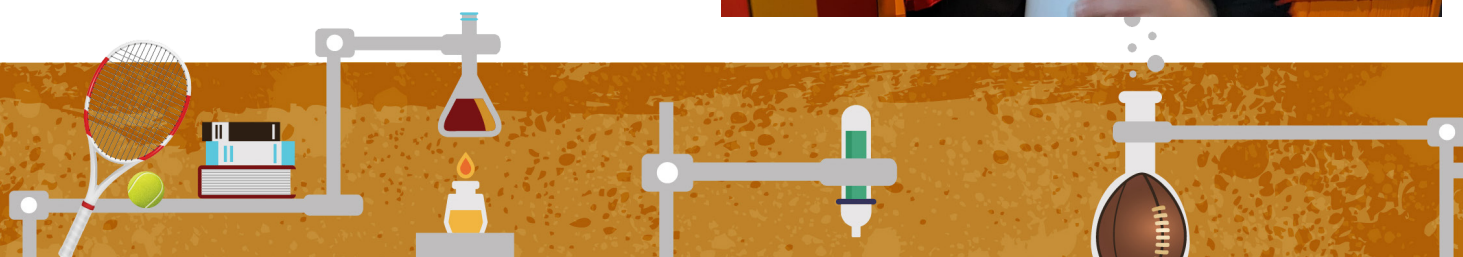
Bugs, Insects & Spiders, Oh My! — Do an insect check to discover why some “bugs” are insects while some are not. Observe living tarantulas and dissect a grasshopper. Put together a bug catcher to house a cricket.

Member \$92, Non-member \$117

Week 13 – August 19-23

South America — Explore the Earth's wettest continent. What plants and flowers grow here? What do the local people eat? Learn about macaws, alpacas, toucans, and jaguars, and make your very own South American animal art to take home.

Member \$90, Non-member \$115





SUMMER FUN

GO STINGRAYS!

Rising 3rd & 4th Grades

SciFun Classes • 10 am to 12 noon

Week 1 – May 28-31 (4-day week)

Transformers — Learn about the mechanics behind the famous transformers. Build your very own transformer car!

Member \$72, Non-member \$92

Week 2 – June 3-7

Summer Stargazing — What can I see in the sky this summer? Planets? Shooting stars? Constellations? Learn about the summer sky in this amazing astronomy class! Visit the Millholand Planetarium!

Member \$90, Non-member \$115

Week 3 – June 10-14

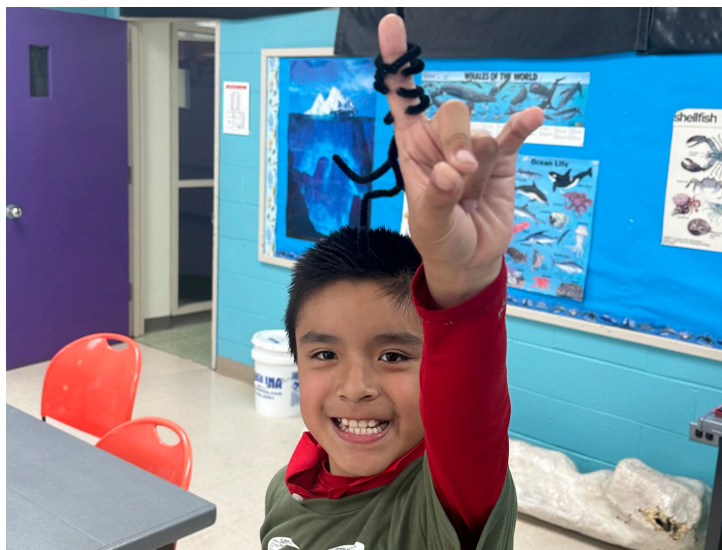
Smelly Science — Discover the science behind odors. Explain why shoes smell and rotten eggs reek. Learn the reasons behind the odoriferous mysteries of the human body.

Member \$90, Non-member \$115

Week 4 – June 17-21

Legos 2.0 — Can you build it? Yes, you can and will, through lessons involving Legos. Who knew creative structures, could be so beautiful? Learn the techniques that architects use while constructing buildings!

Member \$98, Non-member \$123



Week 5– June 24-28

Oceanology — Examine shore animals along with their habitats. Study waves and currents and learn about pollution. Learn how you can help conserve our sandy shores.

Member \$90 Non-member \$115

Week 6 – July 1-3, 5 (4-day week)

Dirt, Mud, & Worms — Dig into science as you examine soil. Discover fascinating facts about the slimy creatures that call the soil home by dissecting a worm and making a worm habitat.

Member \$72, Non-member \$92

Week 7 – July 8-12

TECH CLASS: Minecraft Science — Learn how to use Redstone in new ways. Import 3D drawings you make using drafting software into your world (3D print one as well), use a map editor to change your environment, and use scripts to change how the game works! A basic knowledge of Minecraft is needed.

Member \$100, Non-member \$130

Week 7 – July 8-12

Precipitation Education — There's more to the water cycle than evaporation, condensation, and precipitation. View tiny holes on leaves that release water vapor into the water cycle with a microscope and create a snowstorm in a test tube.

Member \$90, Non-member \$115

Week 8 – July 15-19

Wacky Wings — Understand the science of flight as you design and construct your own flying machines, beginning with simple paper airplanes. Experiment further as you graduate with wooden models and even hydrogen-powered rocks!

Member \$90, Non-member \$115

Week 9 – July 22-26

The STEM Sports Challenge — Engage in the mechanics of archery, sailing, diving, parachuting, and basketball during this week-long endurance camp. What does it take to physically excel in all of these fascinating sports? Find out! Visit the Big League Fun exhibit!

Member \$90, Non-member \$115





SUMMER FUN

GO STINGRAYS!

Week 10 – July 29 - August 2

Glow Science — Make a cool blue light appear in the dark, and make a dirty penny “glow”. Learn the science behind glow sticks. Make a glowing ball to take home.

Member \$98, Non-member \$123

Week 10 – July 29 - August 2

NATURE FUN: Symbiotic Systems — Examine ecology and the interaction and dependency of plants and animals on one another in nature. Learn about the planets and animals native to North Carolina and see the ecosystems in action. Held at Glenn C. Hilton, Jr. Memorial Park.

Member \$90, Non-member \$115

Week 11 – August 5-9

Matter Hatter — Watch a liquid boil at room temperature and use a banana as a hammer. Experiment with different forms of matter and determine how the energy of atoms is affected by temperature.

Member \$90, Non-member \$115

Week 12 – August 12-16

Super Spinners — These toys have the “potential” to change your mind about the usefulness of an empty canister. Investigate Newton’s Laws of Motion while making and testing pendulums, cars, and rockets.

Member \$90, Non-member \$115

Week 13 – August 19-23

Going Batty — Bats are wonderful but misunderstood creatures of the night. Find out just how beneficial they are and change those BAT attitudes. Build a bat box to take home and mount for your neighborhood bats.

Member \$111, Non-member \$136

Rising 5th & 6th Grades

SciFun Classes • 10 am to 12 noon

**Field trips may extend beyond two-hour class period.*

Week 1 – May 28-31

Escape Room — Crack into the world of creating escape rooms! Learn what makes an escape room successful. Create your very own escape room! Visit Xscape Escape Room!

Member \$72, Non-member \$92

Week 2 – June 3-7

***Monkey See, Monkey Do** — Why do animals do the things they do? Investigate animal behavior in and outside of the classroom. Observe and learn more about CSC’s animal friends and visit a local farm to observe other animals.

Member \$98, Non-member \$123

Week 3 – June 10-14

TECH CLASS: Hours & Hours of Code — In a blend of both computer work and hands-on activities, learn the basics of computer programming. Create programs with sequencing, loops, and events with characters from Ice Age, Star Wars, and Minecraft.

Member \$100, Non-member \$130





Week 4 – June 17-21

NATURE FUN: Food Chain — Ah the circle of life can be wonderful! Learn about the fight, flight and freeze response regarding predators and prey. Discuss the predation, consumer, producer, and many more! Held at Glenn C. Hilton, Jr. Memorial Park.

Member \$90, Non-member \$115

Week 5 – June 24-28

Charge Ahead — You'll get a charge out of this class as you build circuits, circuit breakers, and electric games. It should prove to be a "hair-raising" experience!

Member \$90, Non-member \$115

Week 6 – July 1-3, 5

Fireworks 101 — Boom, Bang, Pow! Fireworks are explosive and entertaining to watch. Learn about the chemicals behind fireworks. Make your very own firework and set it off.

Member \$72, Non-member \$92

Week 7 – July 8-12

Do You Taste With Your Eyes? — When you eat a Skittle, can you tell the flavor with your eyes closed? Test your taste buds! Explore what a miracle berry does to your tongue. Discover if you actually need your eyes to help what food taste like...

Member \$98, Non-member \$123

Week 8 – July 15-19

Earth Phenomena — Explore some of the wonders of our Earth, like fire tornadoes and bioluminescent beaches, through technology and hands-on investigation. Explore by bringing in your OWN device to see the augmented reality of these phenomena.

Member \$90, Non-member \$115

Week 9 – July 22-26

***Science in Sports** — You will learn how an athlete is able to improve techniques by letting science work with your body instead of against it. Learn how science plays a role in your favorite sport. Test your mini-golf skills during a field trip.

Member \$98, Non-member \$123

Week 10 – July 29-August 2

Medicine & Me — Why do we wash our hands? How do vaccines work? How does a virus become a pandemic? Who is R0? Learn the answers as you suit up in your safety glasses and gloves and enter the world of medicine. Perform a simulated flu test and identify how this dreaded, and sometimes deadly seasonal illness affects the respiratory system.

Member \$90, Non-member \$115

Week 11 – August 5-9

Engineering Giants — Examine engineering feats, from the world's tallest building to the world's longest wall. Try your hand at building models of some of these amazing structures and a few new ones of your own.

Member \$90, Non-member \$115

Week 12 – August 12-16

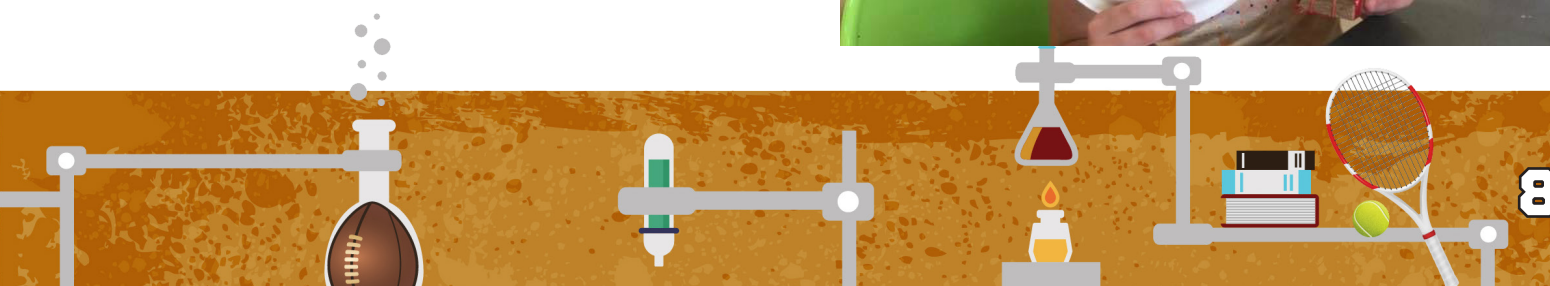
***Science Sampler** — Spend a week immersed in all kinds of science! Discover the secrets trees hold, experiment with balloon boat, go "fishing" for creek critters, conduct electricity through your own body, and much more!

Member \$90, Non-member \$115

Week 13 – August 19-23

Awesome Asteroids — Discover the minor planets known as Asteroids! Explore the many asteroids in our galaxy. Learn what asteroids are made of and blast off into space in the Millholland Planetarium.

Member \$90, Non-member \$115





Rising 7th-9th Grades

SciFun Classes • 10 am to 12 noon

**Field trips may extend beyond two-hour class period.*

Week 3 – June 10-14

Materials Discovery — This ASM Materials Education Foundation course allows you to discover how materials shape your world. Manipulate and test various materials such as metals, ceramics, polymers, and composites. Meet a materials scientist.

Member \$106, Non-member \$131

Week 5 – June 24-28

***Chem Basics** — This introductory laboratory class will include learning about the Periodic Table and how the elements differ. Compounds, general reactions, synthesis, and decomposition of chemicals will be addressed along with lab safety. Visit the Manufacturing Solutions Center to see how they use chemistry in their jobs.

Member \$97, Non-member \$122

Week 8 – July 15-19

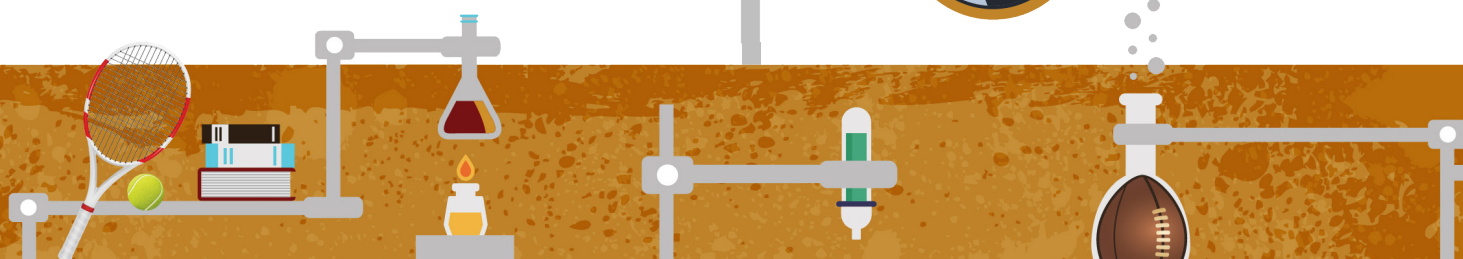
***Biology for Life** — Have you ever wondered why you need to learn biology? Hop into the world of biology by dissecting a frog. Learn a lot in this jam-packed class, exploring vital topics such as genetics, epidemiology, and anatomy. Meet a nurse and an EMS worker.

Member \$97, Non-member \$122

Week 10 – July 29-August 2

***Amusement Park Science** — Spend the week learning about the physics behind amusement park rides. Challenge yourself by creating a roller coaster you would be most afraid to ride. Plus, take a trip to Carowinds.

Member \$124, Non-member \$149



828-322-8169
CatawbaScience.org



SUMMER FUN

GO STINGRAYS!

birthday parties

CELEBRATE WITH SCIENCE!

Choose from 5+ themes!



JUNIOR **MI** SUMMER
art camps +
for kids

create **MI** Summer
workshops
for teens

Is pottery your thing? Or is it painting, drawing, sculpting, or even photography?

From June 3 through August 9, HMA will offer summer art programs featuring a wide variety of art mediums and themes for ages 4 to 17.

hickory museum of art

Visit hickoryart.org/summer24 for complete details!

CHECK OUT ART CAMP AT HMA!





On the SALT Block
243 Third Avenue NE
Hickory, NC 28601

www.CatawbaScience.org

**Changing Lives and
Inspiring Learning
Through Science
and Wonder.**

Nonprofit
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Hickory, NC

RETURN SERVICE
REQUESTED

Let's Play Ball!



OPENING

May 18th 2024

in Carpenter Hall

catawba
science
center

**Members receive free admission!
JOIN TODAY!**

Plan your visit today at www.CatawbaScience.org
On the SALT Block 243 Third Ave. NE Hickory, NC 28601.

