

SciWorks™



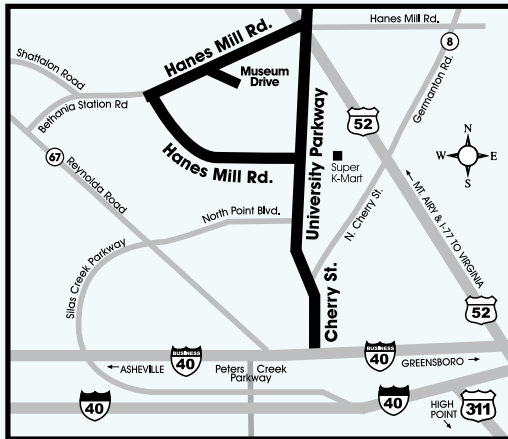
The Science Center and Environmental Park of Forsyth County

400 W. Hanes Mill Rd • Winston-Salem, NC 27105

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www.sciworks.org

Email us at: info@sciworks.org



Sci Camp

Summer Day Camps for children
4 years through rising 12th grade.





4-5 yr olds

- Monday –Friday 9:00 –1:00
Parents may pick up their child as early as 12:00.
- Campers staying until 1:00 should bring a lunch and drink.

JUNE 14-18

The Bear Facts

HALF DAY ONLY

Bears, bears, and more bears, oh my! We will travel from the frozen arctic all the way to China and back to North Carolina as we learn about pandas, polar bears, black bears and more. We'll uncover bear facts, legends, and lore, and read our favorite bear stories in our cozy bear den. Bring your favorite toy bear on Friday for our teddy bear party!

AUGUST 16 -20

Me, Myself and I

HALF DAY ONLY

Young children have natural curiosity about their bodies. After all, our organs and systems are pretty remarkable. We'll learn about our bodies inside and out, from the top of our heads to the tips of our toes. We'll focus on how to be safe and healthy and have fun while we do it!

Rising K-1st Grade

- Monday –Friday 9:00 –1:00 (1/2 day)
or 9:00 – 4:00 (full day)

JUNE 21-25

Blast Off!

FULL DAY HALF DAY

We live on planet Earth, and we can see far into space. Why is planet Earth such a good place for us? If we left Earth, where would we go? How would we travel? What should we pack? What could we find? Come explore space from the safety of a SciWorks Rocket. Make your own rocket and invent your own space gear! Your imagination will know no limits.

JUNE 28-JULY 2

Rainforest Round-up

FULL DAY HALF DAY

Campers can go on their own rainforest expedition when they explore our new exhibit and the animals that live there. We will play games and make crafts that illustrate the inter-connectedness of North and South America. Not only will we discover the plants and animals of South America, but we'll also learn about the colorful and diverse culture by learning songs and dances and tasting foods. Make sure you come on Friday for our Safari Party! Kids can dress like their favorite animal and enjoy the foods (allergies considered) of South America!

JULY 12-16

Buildaroos

FULL DAY HALF DAY

Like to design and build? Campers will use Legos®, K'Nex®, blocks and other materials to create towers, ramps and bridges. Can you build the tallest tower, the fastest ramp or the strongest bridge? Stretch your imagination to create wild and crazy designs. What a great way to spend the day!

JULY 19-23

Pop, Bubble, Fizz

FULL DAY HALF DAY

Are you curious? Do you ask lots of questions? Would you like to be a chemist? We'll put on our goggles, gloves, and aprons, and have at it! Let's mix and match, and see if it pops, bubbles, or fizzes. Which changes will be physical, and which will be chemical? What's the difference, anyway?

JULY 26-30

Rainbow Science

FULL DAY HALF DAY

Come investigate the world of color, light, and shadows, and explore the magic of prisms, kaleidoscopes, and mirrors. "Freeze" your own shadow and mix your own colors. Then join us outside to see what colors we can find in the natural world.

AUGUST 2-6

Trains, Planes and Things that Go

FULL DAY HALF DAY

Through the use of tools and materials, we will design projects that are fun and entertaining. Create toys that move by use of air, chemical reaction, rubber band power, and other creative ways.

AUGUST 9-13

Dinomite Dinos

FULL DAY HALF DAY

How big is a dinosaur - as big as a car, a house, a whale? If one came to dinner, how much more would he eat than you before his tummy was full? Would he want pepperoni pizza, or just ask for cheese? Would he gobble up broccoli, or say "no thank you?" Learn this and more when we explore the world of dinosaurs!

Rising 2nd-3rd Grade

- Monday –Friday 9:00 –1:00 (1/2 day)
or 9:00 – 4:00 (full day)

JUNE 21-25

To Infinity and Beyond!

FULL DAY HALF DAY

Once we leave our world, there are no known limits, except our own capacities. Where space begins is actually disputed, but if we go sixty miles up, things become more and more different. How do we push the envelope of our environment to explore the unknown? Learn what space explorers have discovered, and ponder unexplained mysteries. Make a robot to do the dangerous exploring (or to clean your room). Be a part of the human effort to understand our seemingly infinite universe.

JUNE 28-JULY 2

Carolina Critters

FULL DAY HALF DAY

Want to learn about the animals in your own backyard? Then join us for a trek through North Carolina's field and forest. Campers will learn how to track animals, identify snakes and age a fish. We'll make our own tracks and dissect an owl pellet, eeewwww! We'll also help native birds by building our own birdhouse to take home. On Friday we will join the other animal camp campers for a Safari Party! Dress like your favorite critter and get ready to party like an animal!

JULY 12-16

Snap, Stack, and Roll

FULL DAY HALF DAY

Come see how shapes become structures. Design your own bridge, and then test its strength with toy cars. Campers will show their creativity by building structures using Legos®, K'Nex® and other materials.

JULY 19-23

Reaction Distraction

FULL DAY HALF DAY

You will have no problem harnessing your energy to create and observe a whole lot of changes going on. Make acid-base testers, make models of atoms, watch colors change, and open the door to let the stinky smell escape. Is the change physical or chemical, or both? Work with your own classic, self-propelled submarine. Create crafts and be part of activities that help explain ourselves and the world around us.

JULY 26-30

Science of Super Heroes

FULL DAY HALF DAY

Superheroes can't be super without science! Explore physics, technology, biology and earth science through some of your favorite comic book characters. Channel the power of Magneto using powerful electromagnets to control objects without touching them. Check out our black widow spider and tarantula on exhibit to explore the science of Spiderman. Develop your own secret identity and superhero catch phrase! The rest is TOP SECRET!

AUGUST 2-6

Big Blue Marble

FULL DAY HALF DAY

We live on a big blue marble. Through Earth's cycles, we are provided all the things we need to survive. Join us as we celebrate Earth and discover the wonders of the world. Visit with WormWorks, create soil soup, make little clouds, launch a mini hot air balloon and have fun with games, activities and experiments on the water cycle, rock cycle and more!

AUGUST 9-13

Fossil Finders

FULL DAY HALF DAY

Our home planet is full of amazing geological features created by the earth's crust flowing over molten rock. Explore all about how rocks form as we begin our own rock collections. Discover what conditions help create fossils and how these keys unlock the doors to the mysterious world of the past... including the DINOSAURS!

Rising 4th-6th Grade

• Monday -Friday 9:00 -1:00 (1/2 day) or 9:00 - 4:00 (full day)

JUNE 21-25

Beam Me Up!

FULL DAY HALF DAY

If it were only so simple! Come explore the ways humans have gone beyond our terrestrial existence. What are some accomplishments made thus far and some ideas which guide our endless pursuit? Design space craft, create art that reflects the beauty of the heavens, and let your wildest imaginings be your guide!

JUNE 28-JULY 2

Zoo Crew

FULL DAY HALF DAY

If you want to work with animals one day, or you just really love them, this is the camp for you! Campers will work side by side with our animal care staff learning how to care for our animal ambassadors. You will learn handling, feeding, and grooming techniques, and have the opportunity to design and build your own habitat. This is the most hands-on animal camp we have ever had, so don't wear your good shoes. Campers will not work with any potentially aggressive animals. The Safari Party is on Friday! Wear your favorite animal costume, and play your favorite animal games.

JULY 12-16

Architect Apprentice

FULL DAY HALF DAY

Discover the reasons for an architect's choice of design and materials. Design and build structures using a variety of materials such as, Legos® and K'Nex®. Find out; who can create the fastest ramp? Who can design the safest towering structure? Do you have what it takes to be an architect's apprentice?

JULY 19-23

Wizard's Week

FULL DAY HALF DAY

The substances we are made of seem quite solid and real until we don our starry caps and start messing with chemical potions and technological miracles. Visit some famous wizards: Merlin, Gandalf, Prospero, the Sorcerer's Apprentice, and (of course) Harry Potter. Use high fantasy as a platform to investigate scientific and technological accomplishments and dreams. There will be explanations for many questions we've had, but what we learn is sure to open up many more magical doors of pursuit.

JULY 26-30

Crime Scene Explorers

FULL DAY HALF DAY

Only a select few will be permitted to step beyond the yellow tape. You are WANTED to be a part of the team assigned to investigate some questionable situations. Use all the fields of science to analyze evidence for possible explanations. Create your own fingerprinting kit, and keep a suspects diary. Try to convince the others on your team that you have the evidence for truth and justice to be served!

AUGUST 2-6

Catch the Wave

FULL DAY HALF DAY

We encounter waves every day. Visible light waves, sound waves, and ocean waves are just a few. Through exciting demonstrations and fun, hands-on activities, we'll discover how waves are created and how they behave. Make music. Experiment with prisms, lasers and strobe lights. Make a friend's head disappear! Use your brain waves and uncover the mysteries of wave science!

AUGUST 9-13

Bones and Stones

FULL DAY HALF DAY

Learn what can be found in the layers of the earth, and what history is hidden beneath the soil. Get a close up look at dinosaur teeth, dinosaur claws, footprints and many other fossils ranging from 2 million to 500 million years old. Dig through the "fossil dig" to find a fossil and start your own collection. Become a paleontologist, a geologist and an archaeologist, as we learn what lies beneath the earth's surface.

Rising 7th-9th Grade

• Monday -Friday 9:00 - 4:00

AUGUST 9-13

NanoCamp!

How do geckos stick to walls? Will scientists be able to create an elevator into space using carbon nanotubes? How do tiny explosions inside some inkjet printers create text? Discover the answers to these questions and more at NanoCamp! We'll explore the exciting realm of nanoscale science and technology. Imagine working with materials less than 100 nanometers in size. This sheet of paper you are holding is 100,000 nanometers thick! We'll perform experiments, make nano ice cream, play computer games, and much, much more.

Rising 9th -12th Grade

• Monday -Friday 9:00 - 1:00

JUNE 14-18

SciWorks 101

Love science? Interested in animals? Enjoy the stars? Join SciWorks' staff for a week of museum experiences. Take a behind the scenes tour of the planetarium. Help care for our resident animals. Learn popular floor demonstrations like the Van de Graaff generator, and teach visitors about the magic and mystery behind our exhibits. If you're thinking about a career in science or education, this is the summer experience for you!

SciCamp 2010 Registration Form

Camper's Name: _____ Grade (Fall 2010): _____

Parent/ Guardian Name: _____

Address: _____ Day Phone: (_____) _____

Email: _____ Alternate Phone: (_____) _____

T-Shirts: Each child will be given one SciWorks t-shirt. Please check the size your child needs.

Every effort will be made to provide the size you request.

Child Small (6-8) Child Medium (10-12) Child Large (14-16)

Adult Small (34-36) Adult Medium (38-40)

Emergency Contact: (if parent cannot be reached) _____

Phone (_____) _____ Relationship to Child _____

Physician or Pediatric Group: _____ Phone (_____) _____

Medical conditions or allergies: (Include ALL food allergies) _____

Medications currently taking: _____

Hospital preference: _____

Consent: I authorize SciWorks, or its representative, to seek appropriate medical attention for my child, including the right to authorize medical treatment in my absence. I understand that I am financially responsible for all medical treatment. I understand that my child may be photographed during camp activities and that the photos may be used in SciWorks publications unless I request otherwise in writing.

Parent / Guardian Signature: _____

How did you hear about SciCamp? _____

Did you invite a friend to receive the Friend Discount? Yes No What is your friend's name? _____





Summer Day Camps for children 4 years through rising 12th grade.

Join us for some new adventures in SciCamp 2010! Check out all of our great changes.

- Extended the grades to include rising 6th graders.
- Added a middle and high school camp.
- Offer a discount for families that register for more than one camp**
- Offer camps for the half day or full day option.
- And, for the tried and true Sci-Campers, you can now sign up for every week of camp—because every week will be completely different!

How can I receive the family discount?*

If you are registering for more than one camp you may deduct \$10 from each camp you register for. For example: If you register one child for one camp and another child for one camp, you will be registering for 2 camps. You may deduct \$20 from your total registration fee. Likewise, if you register one child for 4 camps you may deduct \$40 from your total fee. Camp discounts only apply to children living in the same household. Complete one registration form per child. Copies of the registration form are accepted.

What if I invite a friend?

If you invite a friend that 1) registers by the deadline, 2) attends the same week of camp you do, and, 3) attends a full week of camp, you may be reimbursed \$10. Reimbursement is limited to one per pair of friends. You must include your friend's name on your registration form.

How many children will be in a class?

Classes are limited to 20 campers with 1 teacher / 10 kids. A minimum enrollment is required to operate the camps. Please note the camp registration deadline. In case of insufficient enrollment, you will be notified two weeks prior to camp and a full refund will be made.

When do you pay?

Full payment for your first week of camp is due upon enrollment. Additional weeks require a \$25 non-refundable deposit per session to reserve your space. Full payment is due no later than two weeks prior to camp date.

What if you have to cancel?

Requests for cancellation and refunds must be made no later than one week prior to camp date. No refunds will be made after that date. If eligible, a partial refund (camp fees minus \$25 deposit) will be issued within one week for credit card payments (as a credit), or within 2-3 weeks if paid by check.

What about lunch and snacks?

Full day campers should bring their lunch and a drink Monday through Thursday. Lunch and drink on Fridays will be provided by Papa John's Pizza. All campers should bring a snack each day. SciWorks will provide drinks for snack time.

Is child care available before and after camp?

Morning and afternoon supervision are available. The supervised care times are from 8:00 am - 9:00 am and/or 4:00 pm until 5:30 pm. Afternoon supervision is not available for our half day campers. There is a \$5 fee per child per day for morning care; \$5 per day for afternoon care.

What should your child wear?

Our camps are hands-on, interactive fun, so please dress for mess.

How can you qualify for the lower member's rate?*

You may purchase or renew your membership now to receive member discounts on camp fees. You may receive a discounted camp fee for any of the following memberships: Cardholder +2 for \$80, Cardholder +3 for \$95, Cardholder + 4 for \$110 or a large family membership for \$120. Seniors age 62+ are eligible for a \$5 discount. For an additional \$15 you can Super Size your membership and bring another person every time you visit. Please indicate which membership you would like by adding the corresponding cost to the camp registration form.

SciCamp 2010 Registration Form Please use only one form per camper. Forms may be mailed together
 Registration deadline for each camp is indicated under camp dates.

Camper's Name: _____ Grade (Fall 2010): _____ Parent/ Guardian Name: _____

Address: _____ Day Phone:(_____) _____

Email: _____ Alternate Phone:(_____) _____

Are you a SciWorks Member? Yes Exp. date _____ No Early Registration for members begins February 15, 2010

Would you like to join or renew now to receive the *member rate? Yes No

Member Rate: Full Day camp \$190 **Non-Member Rate:** Full Day camp \$220.00

Half Day camp is \$100 Half Day camp \$125

Please put a check in the box beside the camps you are registering for. Indicate the total cost of the camps in the space provided.

Please review the half day and full day rates, and the member and non-member rates.

CAMPS	4-5 yrs.	K-1st Grade	2nd-3rd Grade	4th-6th Grade	7th-9th Grade	9th-12th Grade
June 14-18 Deadline May 28	<input type="checkbox"/> Bear Facts HALF DAY ONLY					<input type="checkbox"/> SciWorks 101 HALF DAY ONLY
June 21-25 Deadline June 4		<input type="checkbox"/> Blast Off! <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY	<input type="checkbox"/> To Infinity and Beyond <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY	<input type="checkbox"/> Beam Me Up! <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY		
June 28-July 2 Deadline June 1		<input type="checkbox"/> Rainforest Round-up <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY	<input type="checkbox"/> Carolina Critters <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY	<input type="checkbox"/> Zoo Crew <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY		
NO CAMP July 5-9						
July 12-16 Deadline June 28		<input type="checkbox"/> Buildaroos <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY	<input type="checkbox"/> Snap, Stack and Roll <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY	<input type="checkbox"/> Architect Apprentice <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY		
July 19-23 Deadline July 2		<input type="checkbox"/> Pop, Bubble, Fizz <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY	<input type="checkbox"/> Reaction Distraction <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY	<input type="checkbox"/> Wizard's Week <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY		
July 26-30 Deadline July 9		<input type="checkbox"/> Rainbow Science <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY	<input type="checkbox"/> Science of Super Heroes <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY	<input type="checkbox"/> Crime Scene Explorers <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY		
Aug 2-6 Deadline July 16		<input type="checkbox"/> Things That Go <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY	<input type="checkbox"/> Big Blue Marble <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY	<input type="checkbox"/> Catch the Wave <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY		
Aug 9-13 Deadline July 23		<input type="checkbox"/> Dinomite Dinos <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY	<input type="checkbox"/> Fossil Finders <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY	<input type="checkbox"/> Bones and Stones <input type="checkbox"/> FULL DAY <input type="checkbox"/> HALF DAY	<input type="checkbox"/> NanoCamp FULL DAY	
Aug 16-20 Deadline July 30	<input type="checkbox"/> Me, Myself and I HALF DAY ONLY					
CAMP COST						

Before / After Care: Please indicate which days by circling the days:

Morning Care \$5/day from 8:00-9:00 am MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY

Afternoon Care \$5/day from 4:00-5:30 pm MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY

Payment Information Total \$ _____

SELECT: Cash Check VISA Mastercard

Name on Card _____

Credit Card # _____

Expiration Date _____

Membership Fee* if applicable

Minus Family Discount **

Total Due

Total Paid

MAIL PAYMENT AND COMPLETED REGISTRATION FORM TO:

SciCamp Registration 400 W. Hanes Mill Road Winston-Salem, NC 27105

If you have questions, E-mail tweisner@sciworks.org or call (336) 714-7105