



CLASSES

2011-2012

[WWW.CURIOSITYZONE.COM](http://www.curiosityzone.com)

Please see schedule for class times & tuition.
Register online or call 703-723-9949.

STORYTIME SCIENCE Ages 2-4

30 mins. weekly. Inspire curiosity and make new friends! Designed especially for younger kids, this 30-minute class attended by both child and caregiver develops curiosity, creative thinking and confidence. Classes feature a weekly story and hands-on science experiment, building from week to week around familiar themes. Buy a flexible 10-class punch card that can be used for any scheduled class during the year.

LITTLE LAB CLASSES Ages 3-5

- Unique classes inspire creative thinking and curiosity.
- Make friends and develop skills for Kindergarten.
- Music, art, stories, imaginative play and hands-on investigations.
- Complete program consists of eight 10-week units. Take one or all eight. 45 minutes weekly.

FALL: Cuckoo Zoo Little Scientists help Captain Curiosity and the Zelda the Zookeeper solve problems at the zoo. Along the way, we'll explore kangaroos, alligators, crocodiles, swamps, pelicans, sharks, dugongs, spiders, seeds, simple machines, fossils, slime, textures, opposites and more.

WINTER 1: Club Earth Where in the world is Captain Curiosity? Kids find out each week and learn about some of the coolest places (biomes) on Earth! We'll explore penguins, polar animals, snowflakes, pandas, caves, bats, canyons, echoes, metamorphosis, the Sun, big cats, camouflage and more.

WINTER 2: Captain's New Clubhouse Where should Captain Curiosity build his new clubhouse? In a tree, like an owl? Underground, like a groundhog? In a hive, like a bee? Kids explore unusual habitats and learn about ants, burrowing animals, bees, crickets, bioluminescence, owls, evergreens, fruits, vegetables, shellfish, the beach, sea turtles, reptiles, amphibians, ponds and more.

SPRING: I Can Do It Kids help the Captain explore what it's like to be different kinds of scientists, including veterinarians, doctors, chemists, engineers, oceanographers, entomologists, geologists, ecologists, astronomers and astronauts!

MATH LAB CLASSES 1st-3rd grade

50 mins. weekly. 10 weeks. Looking for alternative ways to learn math and master concepts for the SOLs? This unique class uses art, games, music, puzzles, models and other fun hands-on activities to reinforce basic math skills (add, subtract, multiply, divide), fractions, measurement, estimation, graphing, sorting, classifying, patterning and geometry. Math Lab also develops spatial and analytical thinking and problem-solving skills.

BIG LAB CLASSES Grades K-2

- Ignite curiosity, creative thinking and a love of science through hands-on exploration, art, music and games.
- Ideal program for non-traditional learners and gifted kids.
- Complete program consists of eight 10-week units. Take one or all eight. 50 mins. weekly.

FALL: Kaboom Experiment with bubbling concoctions, water-powered boats, balloon-powered cars, high-speed marble runs and lots more as we explore energy, forces and reactions.

WINTER 1: Blast into the Future Build a solar-powered oven, blast off rockets, design robots, make space food, experiment with glowing stones, make alien slime and so much more as we explore space, engineering and physics.

WINTER 2: Weird Wild Become a world famous animal expert as you explore exotic places and the cool creatures that live there! From penguins to squids, lions to kangaroos, you will explore the weirdest corners of the Earth.

SPRING: Ultimate Explorers

Become the ultimate explorer as you survive the wilds by learning to be a different kind of scientist each week. Learn to identify weird bugs, hunt for fossils, capture reptiles, find clean water, identify edible plants, dig for minerals and gems and lots more!

JR ADVANCED SCIENCE Grades 2-3

All new labs. Full year. 50 mins. weekly 8/29/11-6/9/12 (except holidays). This full-year class has four units, each culminating in a science project. This year's labs are:

- Chemistry: Explore various chemical reactions, their properties, and their ability to generate energy, colors and gases.
- Physics: Explore circuits. Build battery-powered and solar-powered cars; explore alternative fuels; experiment with a hydrogen fuel cell car.
- Life Science: Explore plant biology. Experiment with plant growth; explore hydroponics; create a greenhouse.
- Earth Science: Explore paleontology. Study dinosaurs and real fossils. Learn to identify and excavate fossils.

ADVANCED SCIENCE Grades 4-5

*All new labs. By application only. Full year. 50 mins. weekly. 9/7/10-6/18/11** Designed for kids who have completed our other programs or who can demonstrate similar proficiency. The application is available for download online or can be emailed to you. The curriculum for this year follows the same thematic outline as Jr. Advanced Science, but places greater emphasis on independent study and the scientific method.

**Please turn the page for schedule & tuition.
Register online or call 703-723-9949.**

Policies are listed online & on the class registration form.

Small private classes, birthday parties, group events and summer camps are also available.



2011-2012 CLASS SCHEDULE

CURIOSITY ZONE

Our 10 week sessions are:

Fall: Aug 29-Nov. 5 • Winter 1: Nov 7 – Jan 21 • Winter 2: Jan 23-March 31 • Spring: April 2 – June 9
 No class Labor Day, 11/23-26 (Thanksgiving), 12/26-30 (Winter Break) or Memorial Day.

TODDLER & PRESCHOOL with Miss Barbara!

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | SATURDAY |
|--|--|--|--|----------|
| Little Lab 3-5 years 10:00-10:45 am** | Little Lab 3-5 years 1:15-2:00 pm | Storytime Science+ 2-4 years 5:15-5:45 pm | Little Lab 3-5 years 10:00-10:45 am** | N/A |
| Storytime Science+ 2-4 years 11:00-11:30 am | | Little Lab 3-5 years 6:00-6:45 pm | Storytime Science+ 2-4 years 11:00-11:30 am | |
| Little Lab 3-5 years 1:15-2:00 pm** | | | | |

+ Kids attend with a caregiver. We also offer private classes for your own group of 4 or more kids; please inquire about availability.

KINDERGARTEN-5th GRADE with Miss Angela!

| MONDAY | TUESDAY | WEDNESDAY | THURSDAY | SATURDAY |
|---|--|--|---|---|
| Big Lab Kindergarten 10:00-10:50 am** | Jr. Advanced Science 2 nd -3 rd Grade 3:30-4:20 pm | Big Lab Kindergarten 1:15-2:05 pm | Big Lab Kindergarten 10:00-10:50 am** | Big Lab K-2nd 9:00-9:50 am |
| Big Lab Kindergarten 1:15-2:05 pm** | Advanced Science 4 th -5 th Grade by application only 4:30-5:20 pm | Big Lab K-2nd 5:30-6:20 pm | Jr. Advanced Science 2 nd -3 rd Grade 5:30-6:20 pm | |
| Big Lab K-2nd 3:30-4:20 pm | Big Lab K-2nd 5:30-6:20 pm | | | |
| Math Lab 1 st -3 rd 5:30-6:20 pm | | | | |

We also offer private classes for your own group of 4 or more kids; please inquire about availability and special programs for homeschool groups.

TUITION

ANNUAL REGISTRATION FEE & MEMBERSHIP (per family): \$45

JR & ADVANCED SCIENCE CLASSES - One Year Program (40 weeks): \$275 x 4 times/year. Includes take-home science gear (varies, but has included items such as a microscope, telescope, DNA kit, chemistry set, etc.) plus a personalized lab coat. Prepay and save an additional 5%. \$75 deposit will be credited to final payment.

MATH LAB CLASSES - 10 week session: \$189 + \$40 take-home math gear.

STORYTIME SCIENCE - 10 class "punch card": \$129 (no take-home equipment charge). Use anytime.

LITTLE LAB & BIG LAB SCIENCE CLASSES

Each 10 week session: \$189 + \$40 take-home science gear (varies by class). Save with full year enrollment: 4 autbill charges @ \$179+ \$40 take-home science equipment and a FREE personalized lab coat – or prepay full year tuition and save an additional 5%. A \$75 deposit will be credited to final payment. Half-tuition option available for summer.

Key: ** = simultaneous classes + = kids attend with caregiver

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