



Scientifica is a Durham Public Schools initiative started with the intent of nurturing students' scientific interests and curiosities. The program seeks to foster a spirit of learning and innovation by broadening students' horizons through exposure to science, math and engineering. Scientifica is a selective four year program open to rising 9th through 12th graders. In addition there are **Scientifica Clubs** open to all interested students in each school.

Students in the 9th and 10th grades will have the opportunity to work in small groups on scientific projects with an accomplished undergraduate mentor. 11th and 12th grade students are encouraged to conduct independent research and are mentored by accomplished Scientists. The research projects will be considered for entry into a variety of science competitions.

Admitted students are required to attend a monthly meeting and must be willing and ready to perform advanced science, math or technology work and complete a science fair project. The program seeks to accept students that have demonstrated academic commitment and are highly motivated, hardworking and passionate about the sciences.

Juniors and seniors who have contributed significantly to the program and have demonstrated active engagement in their research work will be eligible for up to a \$1000 scholarship. This scholarship is sponsored through a grant from The Burroughs Wellcome Fund Student Science Enrichment Program.

Parents of Scientifica scholars are required to volunteer time when possible and may be called upon to offer resources. Parents form an integral component of a child's success, and Scientifica believes strongly in parent involvement. The basis of the program lies in team work and group effort so parents are often asked for help with items including time, scientific knowledge, internship information, transportation and fundraising.

Deadline for the application is April 29, 2011.

You are invited to attend and observe the next monthly Scientifica meeting on April 9th, 2011, from 10 AM to 2 PM. Lunch will be provided. Please RSVP to Dr. Jeffrey LaCosse at email address jeffrey.lacosse@dpsnc.net. We will have a short information and question/answer session during lunch. You are encouraged to speak with the scholars and mentors at the meeting to learn more about the program.

Interviews will be held during the 1st week in May.

Students will be informed of the selection results during the 3rd week in May.

SCIENTIFICA

DPS Nurturing Future Scientists

DPS has created this program to promote enthusiasm for science in young minds.

Application for Middle School Students (Grade 8 only)

It is your responsibility to submit all the necessary materials with your application on or before the due date. Motivated students with high potential will be interviewed prior to selection.

Please include a copy of your most recent official school report card, along with a copy of SAT scores (if taken for TIP program) or any other test scores. Send completed application to: **Dr. Jeffrey LaCosse, Durham School of the Arts, 400 North Duke Street, Durham, NC 27701**

1. Include a sealed Teacher Evaluation Form from a current science teacher familiar with your academic work. The applicant will not be able to see any of the teacher's responses.
2. The applicant must write an essay (about 500 words) about why they would like to participate in the program.
3. All components of the application must be submitted on or before **April 27, 2010**.
Please attach extra sheet (s) if needed

Applicant Information

Name:	Racial/Ethnic Origin
Address:	U.S. Citizen:
City:	Grade:
Zip Code:	Date of Birth:
Evening Telephone Number:	Area of Science Interest:
Gender:	E-Mail:

Parent/Guardian Information and Email address

<u>Name</u> <u>Address</u>	<u>Phone</u> <u>Email</u>
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School Information

<u>Name of Middle School</u>	<u>Street Address</u>
<u>Name of Science teacher</u>	<u>Phone Number of teacher</u>
<u>Name of School Counselor</u>	<u>Phone Number of Counselor</u>
<u>Name of High School for 2010-11</u>	

Testing Information

<u>EOC</u>	<u>EOG(math)</u>	<u>EOG(science)</u>
<u>Current Science Class(es)</u>	<u>Class Rank(if known)</u>	

Activities and Academic Goals (Attach a detailed list)

List all academic honors, prizes, scholarships, extra-curricular activities, or special interests.

Indicate any leadership positions held.

What are your plans for post graduate/professional training? (E.g. Medical Doctor, Engineer).

Describe how you have spent your last two summers.

Does your school take part in any science competitions or have a science fair?

If so, have you participated in any?

Name of the competition

If not, have you participated in any competitions individually?

Does your school offer Advanced Math and Science classes?

If so, list any classes you have taken/ currently taking.

List the school science and mathematics courses which you have completed. (Provide a numerical average for each course.)

Have you applied for any other summer program?

Name of program

Starting Date

Family Background

Number of brothers	Number of sisters
Father's Name (Last, First)	Mother's Name (Last, First)
Father's Occupation	Mother's Occupation
Father's level of education	Mother's level of education

Describe any disabilities; list all serious illnesses, chronic illnesses, and significant allergies.

Certification of Statements (Initial applicable statements)

____ If selected for the program, I agree to follow all directions, give my full effort, and comply with the rules of the program.

Parent/guardian support Statement

____ If selected I will fully support the student and the program.

I can help program by volunteering for: (e.g. Computer, travel, internship in lab, etc)

Student Signature

Date

Parent Signature

Date