

# Links List

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## *A Time for Science*

<http://www.atimeforscience.org>

### **North Carolina Student Science Competitions**

#### **North Carolina Student Academy of Sciences**

<http://www.ncsas.org/>

The North Carolina Student Academy of Science (NCSAS) is an organization for students in grades 6-12 in alliance with the North Carolina Academy of Science (NCAS). The objectives of NCSAS are 1) promoting the study of science, technology, and mathematics, 2) assisting students to pursue careers in science and technology, and 3) encouraging students to use their talents for the improvement of themselves, their schools, and their communities. Each year, NCSAS holds District and State meetings at which students have the opportunity to share their research in competition. The annual State competition will be held on March 26, 2010 at the North Carolina School of Science and Math in Durham.

Do you know about the Student Academy? We are not the Science Fair, Science Olympiad, or Junior Science and Humanities Symposium, all organizations that seek to foster student interest in science and mathematics. NCSAS does that, too, but is distinctive in holding competitions at the District and State levels for students who have completed research projects, requiring both a paper and an oral presentation, and providing an opportunity for them to receive personal feedback from research scientists in their field. In addition, we offer mini-grants to student researchers to encourage their efforts.

#### **North Carolina Science and Engineering Fair (NCSEF)**

<http://www.ncsta.org/sciencefair/>

Science Fair Projects provide an opportunity for students to learn about the nature of science and research in areas of their personal interest. It involves real discovery of little known or unknown information. You, the student become the expert on your project! It integrates into one activity all of the skills that are usually taught separately. To complete a successful project, you will learn science, analyze data, formulate conclusions, and communicate your discovered information to others. While doing this, you will combine reading, writing, math, and science!

Science Fairs provide an opportunity for students, 3rd through 12th grades, who are interested in science and technology to pursue their personal areas of interest and to display their research as a presentation in a public competitive forum. The NC Science and Engineering Fair works to create enthusiasm in science and technology while

encouraging project-based inquiry. This fair gives our students the chance to compete for college scholarships, awards, honors programs and other exciting prizes!

As added incentive, students in North Carolina that are selected to represent their Regional Fairs at the State Fair can also win plaques, cash awards, and possible nomination to additional National and International competitions! (Be sure to check out the links to these additional competitions.) As our State Fair continues to grow, the awards will increase in number and value! The annual State competition will be held on March 27, 2010.

### **North Carolina State Envirothon**

<http://www.enr.state.nc.us/dswc/pages/envirothon.html>

Envirothon is an annual, middle and high school, year long environmental educational program co-sponsored by the division and the North Carolina Association of Soil and Water Conservation Districts. Studying subjects like soil and land use, forestry, wildlife habitat, aquatic ecology and current environmental issues, team efforts culminate in local, area, state and North American competitions. The Envirothon is a fun, hands-on, natural science academic event that challenges and engages students to think critically about the natural world and their role in it. The Envirothon combines an in-class curriculum with outdoor training to help students learn and to experience more about the environment. The Envirothon Program provides and promotes leadership in the knowledge of natural resources by offering a quality education giving our students a basic background knowledge of our natural resources in order to be able to make good environmental decisions as adults.

### **Discovery Education Young Scientist Challenge**

<http://www.youngscientistchallenge.com/>

Discovery Education 3M Young Scientist Challenge is the premier national science competition for students in grades 5 through 8. The Young Scientist Challenge is designed to encourage the exploration of science and innovation among America's youth and to promote the importance of science communication. In 1999, Discovery Communications launched the competition and in 2008 3M joined forces with Discovery Education in a quest to nurture the next generation of American scientists with an innovative and interactive science program open to every middle school student in America. Over the last ten years, more than 600,000 middle school students have been nominated to participate in the competition, and winners have gone on to speak in front of members of Congress, work with the nation's top scientists, and pursue academic careers in the sciences.

## **North Carolina International Science Challenge**

<http://www.grassroots-science.org/NCISC.html>

The North Carolina International Science Challenge (NCISC) is a yearly North Carolina science competition offered to high school students by the Grassroots Science Museums Collaborative and the North Carolina Science, Mathematics and Technology Education Center. Several excellent inquiry-based science projects are chosen and their student creators display those projects at the Beijing Youth Science Creation Competition (BYSCC), held during the third week of March in Beijing, China. The students chosen through the NCISC process are the sole representatives of the United States of America. The BYSCC features students from many countries: therefore it is an unparalleled opportunity for students to interact with future scientists from around the globe.

## **North Carolina Science Olympiad**

<http://www.sciencenc.com/>

North Carolina Science Olympiad (NCSO) seeks to attract and retain the pool of K-12 students entering science, technology, engineering, and mathematics (STEM) degrees and careers in North Carolina. Every year NCSO hosts tournaments on university, community college, and public school campuses across the state. These tournaments are rigorous academic interscholastic competitions that consist of a series of different hands-on, interactive, challenging and inquiry-based events that are well balanced between the various disciplines of biology, earth science, environmental science, chemistry, physics, engineering and technology. The challenging and self-motivating events of the NCSO align with the North Carolina Standard Course of Study as well as the National Science Education Standards. The events are designed to enhance and strengthen both science content and process skills.

## **Science Decathlon**

<http://www.sciencedecathlon.com/>

National Science Decathlon is dedicated to promoting science education by organizing competitive, hands-on science-based tournaments throughout the United States. Each Science Decathlon tournament is made up of ten Team Events and up to four Pilot Events which sport names like Bridge Breaking, Water Rocketry and Ick! Thyology for each division. Division A events are for 9th -12th grade high school students. Division B events are for 6th - 9th grade junior high, middle school and intermediate elementary students.

Science Decathlon students are encouraged to participate in groups, or teams, but are not required to do so. Each team consists of up to a maximum of six (6) students and two (2) alternates. At any given tournament, these teams are then broken up into smaller groups, usually pairs, who represent their team while competing in various events. At the end of each tournament, tournament coordinators compile student scores and rank individuals and teams. Awards, in the form of ribbons, medals and trophies are then distributed to the top ranking teams, individuals and coaches.

## **Science Interest Organizations in Eastern North Carolina**

### **GO-Science**

319 S. Cotanche St., Bldg 159  
Greenville, NC 27858-4353  
Roger Conner, Interim Director  
cell: 252-531-3791  
office:252-328-6922  
fax:252-328-6491  
<http://www.go-science.org/>

### **Aurora Fossil Museum**

P.O. Box 9  
Aurora, NC 27806  
252.322.4238  
252.322.5896 (FAX)  
Andrea Stilley, Director  
<http://www.aurorafossilmuseum.com/>

### **Cape Fear Museum**

814 Market Street  
Wilmington, NC 28401  
910-798-4350  
910-798-4382 (FAX)  
Ruth Haas, Director  
<http://www.capefearmuseum.com/>

### **Core Waterfowl Museum**

1785 Island Road  
P.O. Box 556  
Harkers Island, NC 28531  
252-728-1500  
Fax: 252-728-1742  
Karen Willis Amspacher, Director  
<http://www.coresound.com/>

### **Fascinate-U Children's Museum**

P.O. Box 2671  
Fayetteville, NC 28302  
910.433.1573  
910.433.1639 (FAX)  
Susan K. Daniels, Director  
<http://www.fascinate-u.com/>

**Imagination Station**

224 East Nash St.  
Wilson, NC 27893  
252.291.5113  
252.291.2968 (FAX)  
Jonathan Brooks, Director  
<http://new.imaginescience.org/>

**Museum of Coastal Carolina and Ingram**

Planetarium  
21 East 2nd Street  
Ocean Isle, NC 28469  
910.579.1016  
910.575.4770 (FAX)  
Scott Kucera, Director  
<http://www.museumofcc.org/>

**North Carolina Museum of Forestry**

415 South Madison Street  
Whiteville, NC 28472  
910 914-4185 Fax: (910) 641-0385  
Harry Warren, Director  
<http://www.naturalsciences.org/visitor-info/museum-of-forestry>

**Port Discover**

613 East Main St.  
Elizabeth City, NC 27909  
252.335.3844  
LuAnne Pendergraft Director  
Wendy Pierce Science Educator  
<http://www.portdiscover.org/>

**Robeson Planetarium and Science Center**

420 Caton Road  
Lumberton, NC 28358  
910.671.6015  
910.671.6017 (FAX)  
Ken Brandt, Director  
<http://www.robersonsky.com/>

**Rocky Mount Children's Museum and Science Center**

225 S. Church St.  
Rocky Mount, NC 27804  
252.972.1168  
252.972.1535 (FAX)  
Candy Madrid, Director  
<http://museum.imperialcentre.org/>

**Sylvan Heights Waterfowl Center**

P.O. Box 36  
Scotland Neck, NC 27874  
252-826-3186  
Fax 252-826-3273  
Mike Lubbock Director  
<http://www.shwpark.com/>

**Wilmington Children's Museum**

116 Orange Street,  
Wilmington, NC 28401  
Richard Lawson, Executive Director,  
910-254-3534 x 103  
<http://www.playwilmington.org/>