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Science Past with  
Science Future

Exhibitors

4

NSTA 2010 National Conference on Science Education

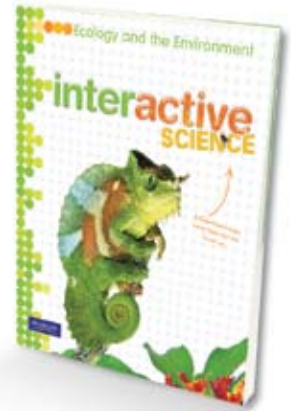
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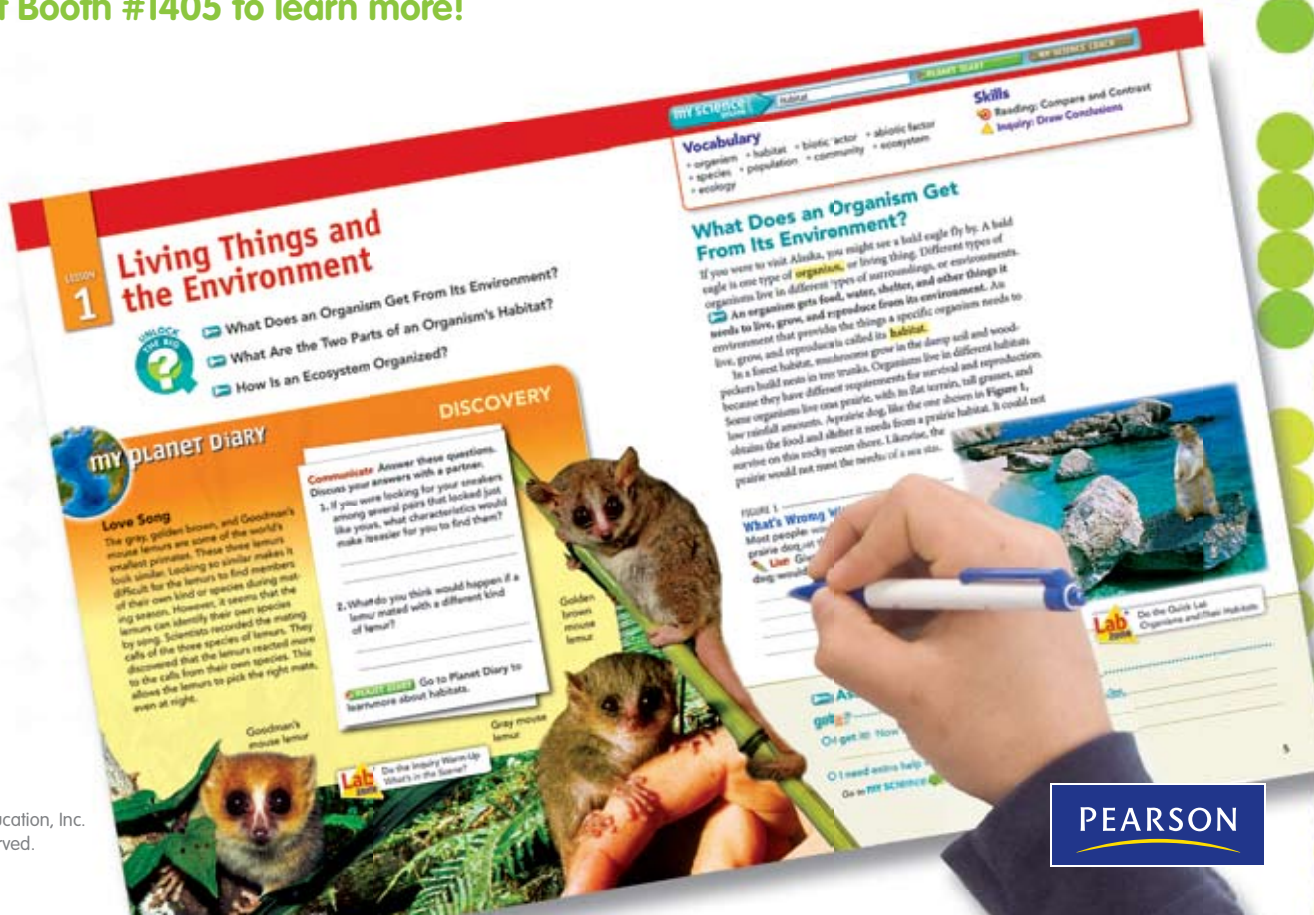
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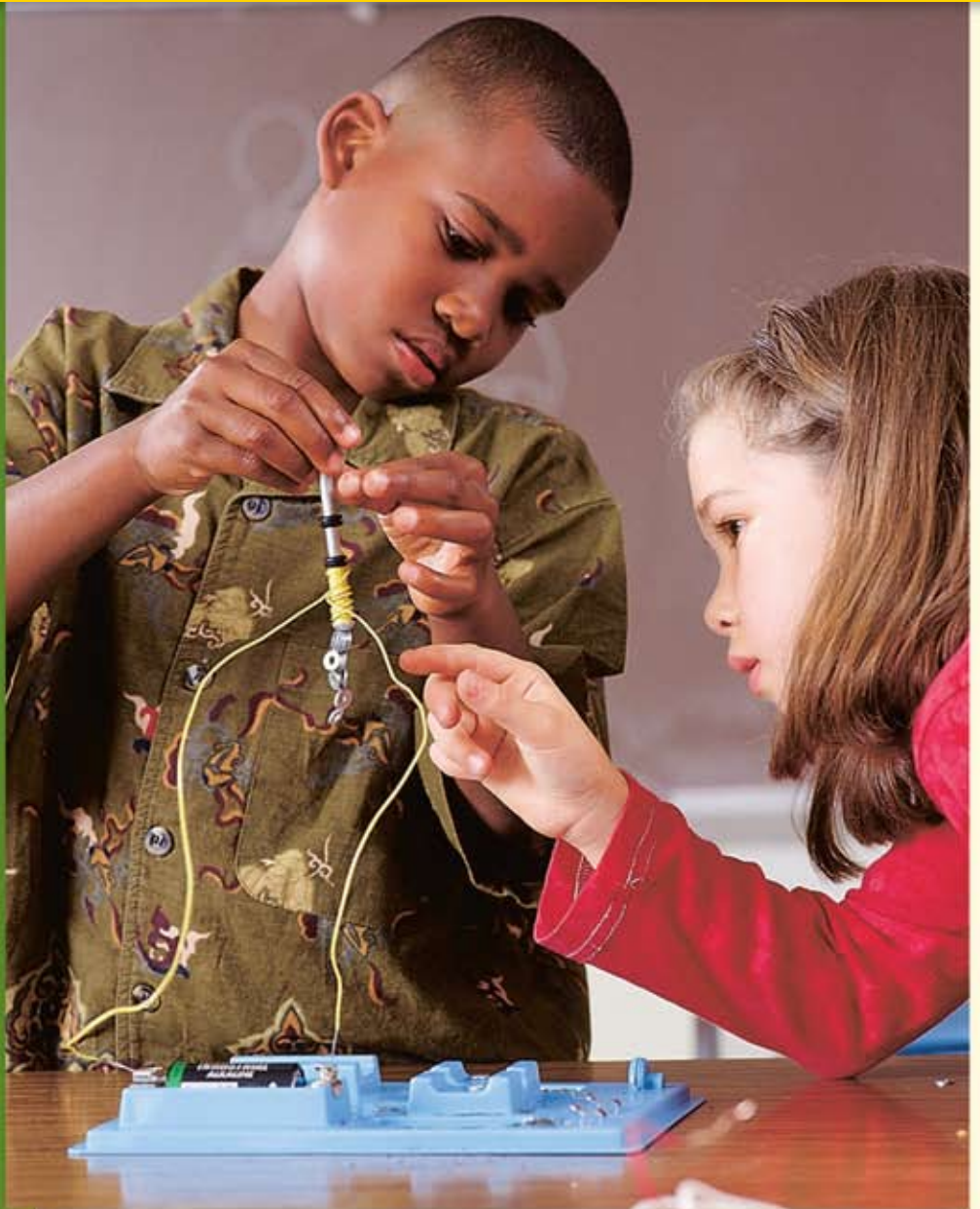
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# NSTA 58th National Conference on Science Education

Philadelphia, Pennsylvania • March 18–21, 2010

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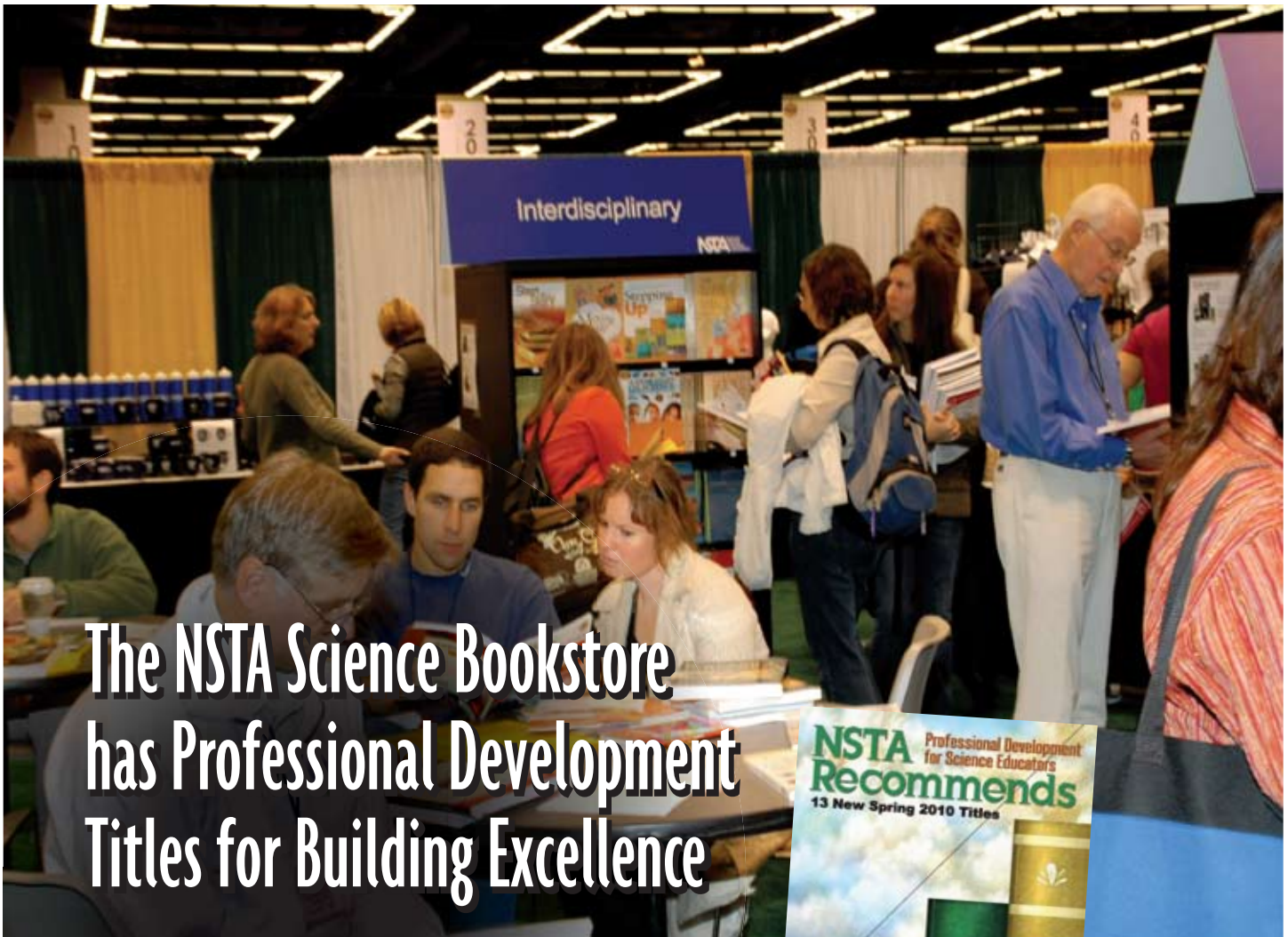
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Workshop participants investigate water at The Franklin Institute

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Association



Some exhibitors have classified their products by grade level and subject area. Subject areas are abbreviated here as follows:

Biology/Life Science	Bio
Chemistry/Physical Science	Chem
Earth/Space Science	Earth
Environmental Science	Env
Integrated/General Science	Gen
Physics/Physical Science	Phys

A foldout floor plan of the Exhibit Hall is available at Program Pickup.



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 Phone: 888-999-9319  
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Adaptive Curriculum provides a rich library of math and science activity objects aligned to standards that enable students to participate in virtual experiments, engaging simulations, scientific inquiry, and problem-based learning. This flexible online learning environment helps teachers incorporate interactive content into their lesson plans and curriculum.

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 Arlington, VA 22209 7–12  
 Phone: 703-358-1000  
 E-mail: [audrey.koehler@aia-aerospace.org](mailto:audrey.koehler@aia-aerospace.org)  
 Website: [www.rocketcontest.org](http://www.rocketcontest.org)

The Team America Rocketry Challenge (TARC), the world's largest rocket contest, is designed to encourage students to study math and science and pursue careers in aerospace. Over 50,000 students across the U.S. have participated in the program. TARC has also gone global with the U.K. and France starting up competitions modeled after TARC.

**AIMS Education Foundation #1027**  
 1595 S. Chestnut Ave. Gen  
 Fresno, CA 93702 K–9  
 Phone: 888-733-2467  
 E-mail: [nradke@aimsedu.org](mailto:nradke@aimsedu.org)  
 Website: [www.aimsedu.org](http://www.aimsedu.org)

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 E-mail: [info@climateeducation.org](mailto:info@climateeducation.org)  
 Website: [www.climateeducation.org](http://www.climateeducation.org)

The Alliance for Climate Education (ACE) aims to inspire, educate, and empower students in the fight against global warming. Through age-appropriate and engaging presentations in high schools nationwide, ACE intends to deepen understanding of the science and background of climate changes in order to spark students to take action. We also offer resources to support individuals and student groups through toolkits, grants, and scholarships.

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 Washington, DC 20036  
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 E-mail: [jday@cancentral.com](mailto:jday@cancentral.com)  
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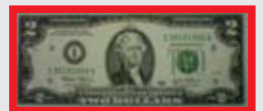
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## Exhibitors

**American Association for Laboratory Animal Science** #2227  
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9190 Crestwyn Hills Dr. K-12, College  
Memphis, TN 38125  
Phone: 901-754-8620  
E-mail: [john.mccutchen@aalas.org](mailto:john.mccutchen@aalas.org)  
Website: [www.aalas.org](http://www.aalas.org)

The American Association for Laboratory Animal Science (AALAS) is the forum for the exchange of information and expertise in the care and use of laboratory animals. We are dedicated to the humane care and use of laboratory animals and the quality research that leads to scientific gains that benefit society.

**American Association of Physics Teachers (AAPT)** #2233  
Phys  
One Physics Ellipse 6-12, College  
College Park, MD 20740  
Phone: 301-209-3333  
E-mail: [membership@aapt.org](mailto:membership@aapt.org)  
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**American Chemical Society** #933  
Chem, Gen  
1155 16th St. NW K-12, College  
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Phone: 202-872-6269  
E-mail: [p\\_isikoff@acs.org](mailto:p_isikoff@acs.org)  
Website: [www.acs.org](http://www.acs.org)

The American Chemical Society (ACS) is the world's largest scientific society. We will exhibit textbooks, reference materials, videos, and other materials to supplement the K-12 and college curricula. We will also provide information on programs for students and teachers.

**American Geological Institute** #2114/2115  
Bio, Chem, Earth, Env, Phys  
4220 King St. K-12, College  
Alexandria, VA 22302  
Phone: 703-379-2480  
E-mail: [gac@agiweb.org](mailto:gac@agiweb.org)  
Website: [www.agiweb.org](http://www.agiweb.org)

The American Geological Society (AGI), a nonprofit representing 46 geoscience associations, provides earth science education curricula and training and services to educators at all levels. Earth Science Week, AGI's flagship public awareness campaign, offers free resources and information for earth science education, reaching over 40 million people a year. Stop by for a sampling!

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Phone: 800-494-3237  
E-mail: [mikelee6677@aol.com](mailto:mikelee6677@aol.com)

**American Meteorological Society** #1023  
Earth  
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Washington, DC 20005  
Phone: 202-737-1043  
E-mail: [onlinewx@ametsoc.org](mailto:onlinewx@ametsoc.org)  
Website: [www.ametsoc.org/amsedu](http://www.ametsoc.org/amsedu)

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**American Museum of Natural History** #1353  
Bio, Earth, Env, Gen  
Central Park West @ 79th St. K-12, College  
New York, NY 10024  
Phone: 212-496-3553  
E-mail: [ehamilton@amnh.org](mailto:ehamilton@amnh.org)  
Website: [www.amnh.org](http://www.amnh.org)

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**American Society for Clinical Pathology** #958  
Bio  
33 W. Monroe St., Suite 1600 12, College  
Chicago, IL 60603  
Phone: 312-541-4999  
E-mail: [info@ascp.org](mailto:info@ascp.org)  
Website: [www.ascp.org](http://www.ascp.org)

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**The American Society of Plant Biologists** #1252  
K-16  
15501 Monona Dr.  
Rockville, MD 20855  
Phone: 301-251-0560  
E-mail: [info@aspb.org](mailto:info@aspb.org)  
Website: [www.aspb.org/education](http://www.aspb.org/education)

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 Bio  
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 Schaumburg, IL 60173  
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ANDRILL is a multi-national, interdisciplinary science research project funded by the National Science Foundation. Scientists' stories of working in the extreme environment of Antarctica provide a powerful hook for engaging students in science. Visit this exhibit to learn more about current climate change science and resources for teaching it.

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Understand historic science discoveries. Learn today's best teaching practices. Explore the future of classroom instruction. Carolina's professional development sessions are taught by experienced presenters—classroom teachers, science coordinators serving as teaching partners, and our own staff scientists. Their training in the latest teaching techniques, national standards, and cutting-edge science topics means you'll receive concise, valuable information. See below for sessions, times, and locations. **Visit us in booth 1105!**

### Session Schedule

#### Thursday, March 18, 2010

Time	Location	Grade*	Title
9:30 AM–11:00 AM	Room 201B	E	Inquiring Minds Want to Know: An Introduction to Inquiry
9:30 AM–11:00 AM	Room 204A	H	Need "Energy" in Your Environmental Classes? Learn About Carolina's New <i>Inquiries in Science</i> ® Environmental Science Series
9:30 AM–11:00 AM	Room 204B	M, H	Comparative Vertebrate Anatomy with <i>Carolina's Perfect Solution</i> ® Specimens
11:30 AM–1:00 PM	Room 201B	E	Setting the Standard for PreK Science
11:30 AM–1:00 PM	Room 204A	M, H	Strawberry DNA and Molecular Models
11:30 AM–1:00 PM	Room 204B	M, H	Comparative Mammalian Organ Dissection with <i>Carolina's Perfect Solution</i> ® Specimens
1:30 PM–3:00 PM	Room 201B	M	Moving Cars, Driving Learning with the STC Program™
1:30 PM–3:00 PM	Room 204A	H	Energyze Your Chemistry Students' Inquiry Skills with Carolina's <i>Inquiries in Science</i> ® Chemistry Series
1:30 PM–3:00 PM	Room 204B	H	AUTOPSY: Forensic Dissection Featuring <i>Carolina's Perfect Solution</i> ® Pigs
3:30 PM–5:00 PM	Room 201B	E	Science Libraries: Reading for Content
3:30 PM–5:00 PM	Room 204A	E, M, H	Creating Habitats in the Classroom
3:30 PM–5:00 PM	Room 204B	H	Forensics for the Biology Laboratory

#### Friday, March 19, 2010

Time	Location	Grade*	Title
8:00 AM–9:30 AM	Room 201B	E	Going the Distance in Math
8:00 AM–9:30 AM	Room 204A	E, M, H	Hands-On Science with Classroom Critters
8:00 AM–9:30 AM	Room 204B	H, C	Exploring Feline Anatomy with <i>Carolina's Perfect Solution</i> ® Cats
10:00 AM–11:30 AM	Room 201B	E, M	Discover the Solar System and Beyond
10:00 AM–11:30 AM	Room 204A	H	Introduction to Protozoa
10:00 AM–11:30 AM	Room 204B	E, M	Carolina's Young Scientist Dissection Series
12:00 PM–1:30 PM	Room 201B	E	Science Notebooking: Integrating Writing and Science
12:00 PM–1:30 PM	Room 204A	E, M, H	Introduction to Wisconsin <i>Fast Plants</i> ®
12:00 PM–1:30 PM	Room 204B	H	Amplify Your Genetics Teaching Skills with Carolina's New <i>Inquiries in Science</i> ® Biology Units
2:00 PM–3:30 PM	Room 201B	E	Energy Works!
2:00 PM–3:30 PM	Room 204A	M, H	It's Alive! Carolina's Classroom Genetics
2:00 PM–3:30 PM	Room 204B	M, H	Take the Leap: <i>Carolina's Perfect Solution</i> ® Frog Dissection
4:00 PM–5:30 PM	Room 201B	M	Creepy Crawlers in the Middle School Classroom
4:00 PM–5:30 PM	Room 204A	H, C	From Fast Gels to Fruit Flies
4:00 PM–5:30 PM	Room 204B	H	SQUID INK-UIRY: Inquiry-Based Invertebrate Anatomy Through Squid Dissection

\*E=Elementary, M=Middle School, H=High School, C=College





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Time	Location	Grade*	Title
8:00 AM–9:30 AM	Room 201B	E	Exploring the World Through the 5 Senses
8:00 AM–9:30 AM	Room 204A	H	Introduction to Electrophoresis
8:00 AM–9:30 AM	Room 204B	H, C	Think Mink! Exploring Mammalian Anatomy with <i>Carolina's Perfect Solution</i> ® Mink
10:00 AM–11:30 AM	Room 201B	E	Do They Get It? Assessment Strategies for an Inquiry Classroom
10:00 AM–11:30 AM	Room 204A	H	Go APES! Explore Carolina's Quality AP® Environmental Science Series
10:00 AM–11:30 AM	Room 204B	H, C	Rats! Inquiry-Based Dissection with <i>Carolina's Perfect Solution</i> ® Specimens
12:00 PM–1:30 PM	Room 201B	M	Hands-On, Minds-On Middle School Science
12:00 PM–1:30 PM	Room 204A	H, C	Teaching Genetics and Biotechnology with Carolina's Manipulative Kits
12:00 PM–1:30 PM	Room 204B	H	Molecular Models in the Classroom
2:00 PM–3:30 PM	Room 201B	E	1, 2, 3, 4 . . . Boost Your Students' Math Scores
2:00 PM–3:30 PM	Room 204A	H, C	Exploring Gene Function in <i>C. elegans</i> : Mutations and RNA Interference
2:00 PM–3:30 PM	Room 204B	E, M, H	Butterflies in Your Classroom

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# Environmental Science

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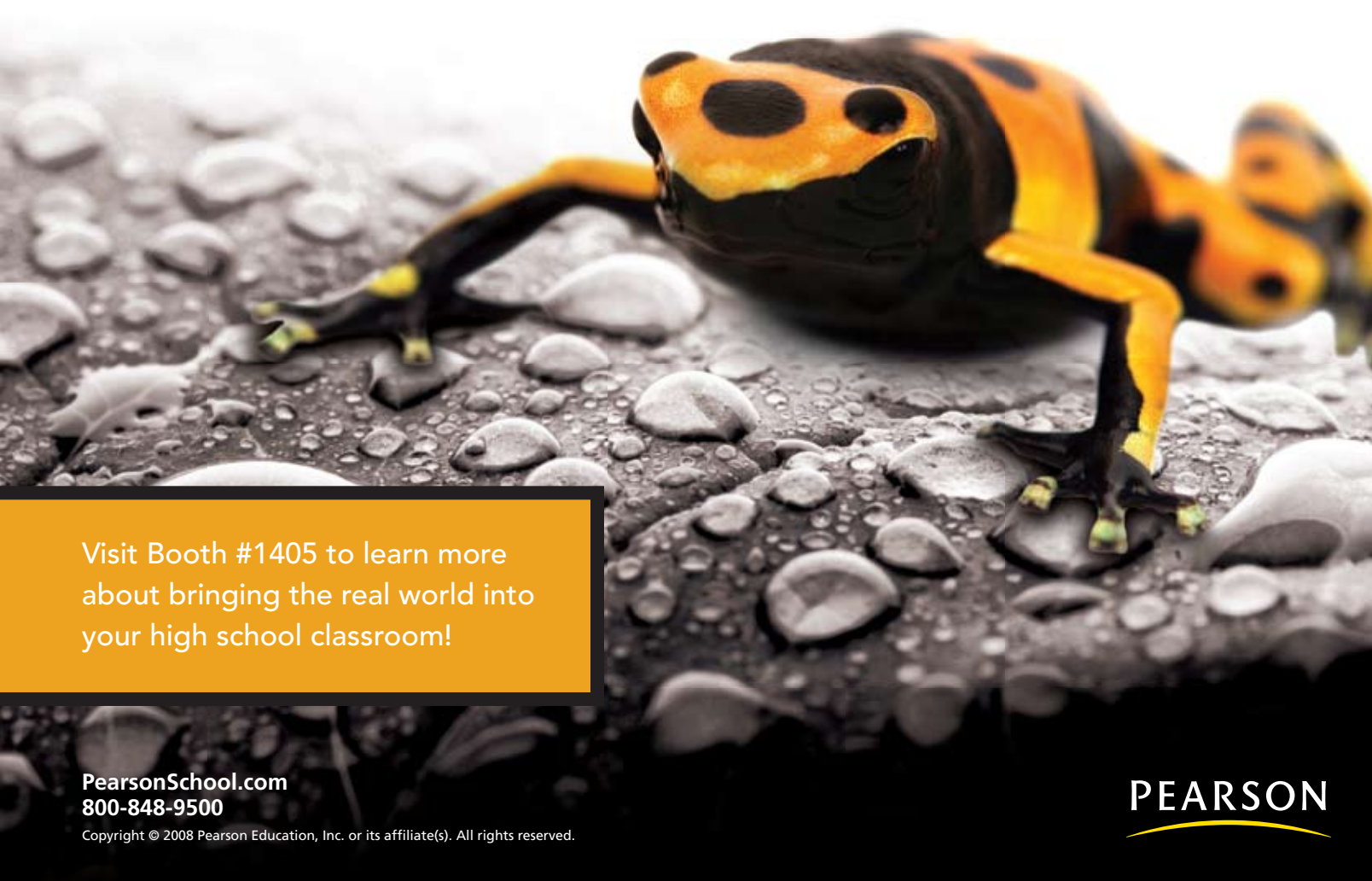
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Website: <a href="http://www.fbresearch.org">www.fbresearch.org</a>	

Established in 1981, the Foundation for Biomedical Research (FBR) is the nation's oldest and largest organization dedicated to improving human and animal health by promoting public understanding and support for humane and responsible animal research. FBR's mission is to educate the public about the essential role of humane animal research in the quest for medical advancements, treatments, and cures for both humans and animals.

<b>Foundation for Family Science</b>	<b>#611</b>
4614 SW Kelly Ave., Suite 100	Gen
Portland, OR 97239	K–8
Phone: 503-245-2102	
E-mail: <a href="mailto:info@familyscience.org">info@familyscience.org</a>	
Website: <a href="http://www.familyscience.org">www.familyscience.org</a>	

Increasingly, schools and teachers need to find ways to increase parent involvement in their children's science education. The Family Science Program focuses on innovative ways to involve parents in their child's science learning. This exciting program brings teachers, volunteers, and families together for relaxed, fun-filled scientific discovery.

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Nashua, NH 03063	K–12
Phone: 800-442-5444	
E-mail: <a href="mailto:customerservice.frey@schoolspecialty.com">customerservice.frey@schoolspecialty.com</a>	
Website: <a href="http://www.freyscientific.schoolspecialty.com">www.freyscientific.schoolspecialty.com</a>	

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<b>Fuel Cells 2000</b>	<b>#2250</b>
1100 H St. NW, Suite 800	Chem, Env,
Washington, DC 20005	Gen, Phys
Phone: 202-785-4222	K–12, College
E-mail: <a href="mailto:jennifer@fuelcells.org">jennifer@fuelcells.org</a>	
Website: <a href="http://www.fuelcells.org">www.fuelcells.org</a>	

Fuel Cells 2000 is the leading nonaligned source for fuel cell and hydrogen information. We offer numerous resources via our award-winning website [www.fuelcells.org](http://www.fuelcells.org). At our booth we will have lots materials from companies and information about teaching fuel cells.



## Exhibitors

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Phone: 800-877-4253  
E-mail: [latrescia.murphy@cengage.com](mailto:latrescia.murphy@cengage.com)  
Website: [www.galeschools.com](http://www.galeschools.com)

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**Gardening with Kids** #604  
1100 Dorset St. Bio, Env  
South Burlington, VT 05403 K–9  
Phone: 800-538-7976  
E-mail: [info@garden.org](mailto:info@garden.org)  
Website: [www.kidsgardening.org](http://www.kidsgardening.org)

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**GASTEC Corp.** #1716  
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Kanagawa, 252-1195 Japan 5–12, College  
Phone: +81 467-79-3910  
E-mail: [international@gastec.co.jp](mailto:international@gastec.co.jp)  
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University of California, #5200 K–8  
Berkeley, CA 94720-5200  
Phone: 510-642-7771  
E-mail: [gems@berkeley.edu](mailto:gems@berkeley.edu)  
Website: <http://lhsgems.org>

GEMS (Great Explorations in Math and Science) is a supplemental curriculum developer at the University of California, Berkeley. GEMS publishes over 70 teacher's guides and is the developer of Seeds of Science/Roots of Reading (published by Delta Education) and GEMS Curriculum Sequences (published by Carolina Biological).

**GET BioTECH SMART** #1753  
(United Soybean Board) Bio, Env, Gen  
16305 Swingley Rd., Suite 150 5–12  
Chesterfield, MO 63017  
Phone: 317-415-0578  
E-mail: [tsmarrella@adayana.com](mailto:tsmarrella@adayana.com)

The United Soybean Board has sponsored the development of GET BioTECH SMART.com, a web-based biotechnology resource for educators. Focusing on grades 6–12, GET BioTECH SMART.com is a comprehensive online learning portal that is a one-stop shop for teachers and students to find biotechnology information and educational resources.

**The GLOBE Program** #849  
UCAR, PO Box 3000 Env  
Boulder, CO 80307 K–12  
Phone: 303-497-2620  
E-mail: [leeann@globe.gov](mailto:leeann@globe.gov)  
Website: [www.globe.gov](http://www.globe.gov)

NASA's GLOBE Program is an international hands-on K–12 science and education program that brings together students, teachers, and scientists to collaborate on inquiry-based investigations of the environment to improve student achievement in STEM education, increase environment awareness, and contribute to an understanding of earth system science.

**Grand Classroom** #1718  
PO Box 7123 Bio, Earth, Env, Gen  
Charlottesville, VA 22906 4–12  
Phone: 434-975-2629  
E-mail: [customerservice@grandclassroom.com](mailto:customerservice@grandclassroom.com)  
Website: [www.grandclassroom.com](http://www.grandclassroom.com)

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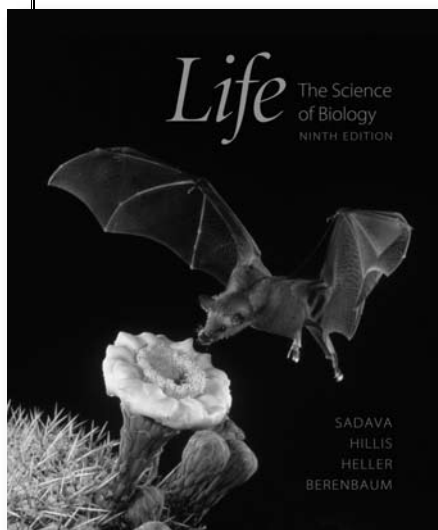
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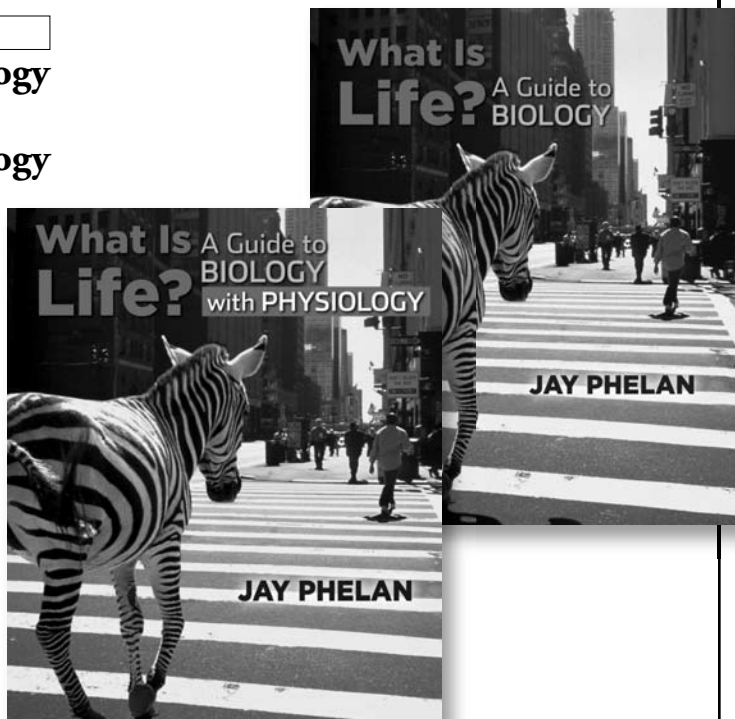
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The KidWind Project is a team of teachers, engineers, and scientists committed to innovative energy education related to wind energy.

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Website: [www.lvc.edu](http://www.lvc.edu)

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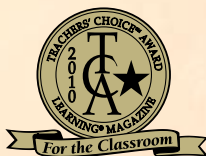
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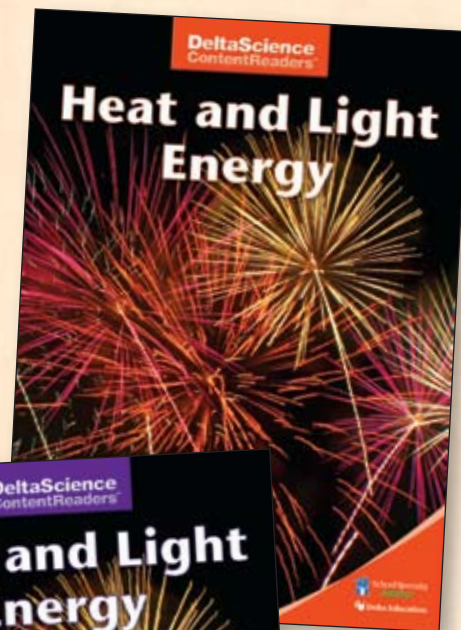
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E-mail: [easterc@mail.nih.gov](mailto:easterc@mail.nih.gov)  
Website: [www.genome.gov](http://www.genome.gov)

The National Human Genome Research Institute (NHGRI) supports genetic and genomic research and investigation into the ethical, legal, and social implications surrounding genetics. The NHGRI also provides educational outreach and resources.

**National Institute of Allergy  
and Infectious Disease** #1863  
6610 Rockledge Dr., Suite 2400  
MSC 6612  
Bethesda, MD 20892  
Phone: 301-435-8602  
E-mail: [alondon@niaid.nih.gov](mailto:alondon@niaid.nih.gov)  
Website: [www.niaid.nih.gov](http://www.niaid.nih.gov)

The National Institute of Allergy and Infectious Diseases (NIAID) conducts and supports biomedical research to better understand, treat, and ultimately prevent infectious, immunologic, and allergic diseases. NIAID staff will distribute printed health and science education on these subjects.

**National Institute of General  
Medical Sciences** #1855  
Gen 9–12, College  
45 Center Dr., MCS 6200  
Bethesda, MD 20892-6200  
Phone: 301-496-7301  
E-mail: [info@nigms.nih.gov](mailto:info@nigms.nih.gov)  
Website: [www.nigms.nih.gov](http://www.nigms.nih.gov)

The National Institute of General Medical Sciences (NIGMS), a component of the National Institutes of Health, supports basic biomedical research. Our free publications cover topics such as cell biology, structural biology, genetics, chemistry, computational biology, and pharmacology. Visit the NIGMS booth to order single or multiple copies of our publications and other educational materials.

**National Institute of  
Neurological Disorders and  
Stroke** #1856  
Bio  
31 Center Dr.  
Bldg. 31, Room 8A07  
Bethesda, MD 20892-2540  
Phone: 301-496-5751  
E-mail: [brownann@ninds.nih.gov](mailto:brownann@ninds.nih.gov)  
Website: [www.ninds.nih.gov](http://www.ninds.nih.gov)

The National Institute of Neurological Disorders and Stroke (NINDS) provides information about available research support and offers free publications for patients and their families on stroke and various other neurological disorders. Members of the NINDS staff will be available to assist you. Printed material is available.

**National Institute on Drug Abuse** #1861  
6001 Executive Blvd., Suite 5213  
Bethesda, MD 20892  
Phone: 301-594-6142  
E-mail: [jnolan1@nida.nih.gov](mailto:jnolan1@nida.nih.gov)  
Website: [www.drugabuse.gov](http://www.drugabuse.gov)

The National Institute on Drug Abuse (NIDA) is a federal agency charged with supporting research on the causes, prevention, and treatment of all aspects of drug abuse, including AIDS. Results of NIDA-funded research help solve the medical, social, and public health problems of drug abuse and addiction. Publications and research opportunities will be available.

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Website: [www.nlm.nih.gov](http://www.nlm.nih.gov)

The National Library of Medicine provides FREE internet access to environmental health information at <http://sis.nlm.nih.gov/enviro.html>. Resources include the TOXNET® databases—Haz-Map, an occupational disease database; Tox Town, a guide to toxic chemicals and environmental health; Household Products Database, a guide to everyday products; and TOXMAP®, U.S. maps showing environmental release of toxic chemicals.

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Website: <http://nsdl.org>

Funded by the National Science Foundation, the National Science Digital Library (NSDL) (<http://nsdl.org>) provides online resources, professional development, learning tools, and a network of educational partners that support e-learning and teaching of science, technology, engineering, and mathematics at all age levels. NSDL supports partnerships at local, state, and national levels.

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**Research Institute (NSBRI)** Bio  
One Baylor Plaza, NA-425 5–12, College  
Houston, TX 77030-3498  
Phone: 713-798-7412  
E-mail: [info@www.nsbri.org](mailto:info@www.nsbri.org)  
Website: [www.nsbri.org](http://www.nsbri.org)

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Website: [www.nbclearn.com](http://www.nbclearn.com)

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Website: [www.need.org](http://www.need.org)

The NEED Project is a 501(c)(3) nonprofit education association dedicated to promoting a realistic understanding of the scientific, economic, and environmental impacts of energy so that students and teachers can make educated decisions. The NEED program includes curriculum materials, professional development, evaluation tools, and recognition.

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Website: [www.newpathlearning.com](http://www.newpathlearning.com)

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NOAA is a federal science agency providing free information to educators about weather, climate, oceans, coasts, satellite data, and fisheries. Every day NOAA's science touches the lives of all Americans. In partnership with NSTA, NOAA supports and develops a suite of products: SciGuides, Science Objects, symposia, and web seminars for the science classroom.

National Science Teachers Association, [www.nsta.org](http://www.nsta.org)

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## Skill Development

The **NSTA Learning Center** offers high-quality online learning opportunities to build content knowledge. A suite of tools provides easy self-assessment and progress documentation. Web seminars offer additional options for content knowledge development. SciGuides are online resources that are used to locate lesson plans and specific content themes.

The **NSTA New Science Teacher Academy** helps promote quality science teaching, enhance teacher confidence and classroom excellence, and improve teacher content knowledge. Using mentoring and other professional development resources, science teachers are supported during those initial teaching years and encouraged to stay in the profession.

**SciLinks** offers links to online science resources. Recommended by professionals, the sites provide accurate content and effective pedagogy.

## NSTA Initiatives

The **John Glenn Center for Science Education Campaign**, NSTA's five-year, \$43 million national campaign to make excellence in science teaching and learning a reality for all, will fund a series of forward-thinking programs and a state-of-the-art facility designed to promote leadership, learning, and advocacy in science education.

**Science Matters** is a major public awareness and engagement campaign designed to rekindle a national sense of urgency and action among schools and families about the importance of science education and science literacy.

## Awards and Competitions

NSTA provides 19 awards programs for preK–16 teachers to compete for money prizes. Contact: Amanda Upton, [auputon@nsta.org](mailto:auputon@nsta.org).

Each year **Toyota TAPESTRY Grants for Science Teachers** award \$550,000 in grants to K–12 science teachers who have developed innovative community-based projects. Learn how to participate in this competition.

**Toshiba/NSTA ExploraVision Awards** is a team-based K–12 competition that awards up to \$240,000 in savings bonds annually. This competition challenges student teams to create and explore a vision of future technology by combining their imaginations with the tools of science.

**Siemens We Can Change the World Challenge** is a national sustainability competition sponsored by Siemens, Discovery Education, and NSTA for students (K–8) who will develop actionable local solutions for a “greener” world.

The **Conrad Foundation's 2010 Spirit of Innovation Awards** challenge high school students to create innovative products in the areas of aerospace exploration, space nutrition, renewable energy, and green schools.

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## Exhibitors

### **NSTA Baltimore Area Conference #831**

1840 Wilson Blvd.  
Arlington, VA 22201

Promoting the 2010 NSTA Baltimore Area Conference on Science Education, November 11–13, 2010.

### **NSTA Kansas City Area Conference #833**

1840 Wilson Blvd.  
Arlington, VA 22201

Promoting the 2010 NSTA Kansas City Area Conference on Science Education, October 28–30, 2010.

### **NSTA Nashville Area Conference #829**

1840 Wilson Blvd.  
Arlington, VA 22201

Promoting the 2010 NSTA Nashville Area Conference on Science Education, December 2–4, 2010.

### **NSTA San Francisco National Conference #835**

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Arlington, VA 22201

Promoting the NSTA 2011 National Conference on Science Education, March 10–13, 2011.

### **Numonics Corp. #2154**

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Washington, DC 20002  
Phone: 800-962-9065  
E-mail: [hwegmeyer@nutrientsforlife.org](mailto:hwegmeyer@nutrientsforlife.org)  
Website: [www.nutrientsforlife.org](http://www.nutrientsforlife.org)

The Nutrients for Life Foundation offers free supplemental science curriculum materials for middle and high school educators to improve understanding of the role plant nutrients have on our environment, our crops, our food, and our health. Stop by and learn how to bring soil and plant science to life in your classroom!

### **Office of Naval Research #657**

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E-mail: [onrsc@navy.mil](mailto:onrsc@navy.mil)  
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The Office of Naval Research participates in and sponsors science fairs, college internships, graduate fellowships, and curricular and enrichment programs. Outreach initiatives encourage, promote, and coordinate naval science and technology both domestically and abroad.

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Phone: 973-944-7026  
E-mail: [debbie.foreman@ohaus.com](mailto:debbie.foreman@ohaus.com)  
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Phone: 505-255-2219  
E-mail: [denise.hobbs@oracle.com](mailto:denise.hobbs@oracle.com)  
Website: [www.thinkquest.org/en](http://www.thinkquest.org/en)

The Oracle Education Foundation (OEF) is an independent, charitable 501(3) organization funded by Oracle Corporation. As part of its mission, OEF delivers ThinkQuest, a widely acclaimed education technology program, to K–12 schools globally. ThinkQuest is a protected online learning platform that enables teachers to integrate learning projects into their classroom curriculum and students to develop 21st-century skills.

### **Paleontological Research Institution/Museum of the Earth #2114/2115**

Bio, Earth  
K–12, College  
1259 Trumansburg Rd.  
Ithaca, NY 14850  
Phone: 607-273-6623  
Website: [www.museumoftheearth.org](http://www.museumoftheearth.org)

The Paleontological Research Institution and its Museum of the Earth offer a wealth of publications and programs for earth science, biology, and environmental science teachers. Developed by researchers, education specialists, and teachers from across the county, these resources complement and enhance the classroom teaching of geology and evolutionary biology.

### **Parco Scientific Co. #1348**

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Visit the PBS Neighborhood to learn about multimedia and professional development resources for preK-12 educators from PBS Educational Media, PBS TeacherLine, WGBH Teachers' Domain, KQED QUEST/Jean-Michel Cousteau: Ocean Adventures, and TPT SciGirls/DragonflyTV. While there, pick up a schedule of our conference workshops!

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Website: [www.populationeducation.org](http://www.populationeducation.org)

Population Connection's education program offers K–12 teaching materials and professional development opportunities featuring hands-on approaches to actively involve students in learning about population and resource consumption trends and their environmental and social impacts. Stop by our booth for free lesson plans, posters, and workshop information.

**Project Learning Tree** #2008  
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Washington, DC 20036 PreK–12  
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Website: [www.scholastic.com/classmags](http://www.scholastic.com/classmags)

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Phone: 877-395-1001  
E-mail: [ealden@strcopes.com](mailto:ealden@strcopes.com)  
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 Website: [www.traveladventures.com](http://www.traveladventures.com)

Travel Adventures provides unforgettable educational travel experiences for students. Our focus is on making student travel safe, educational, and fun while ensuring that trip planning is easy for teachers.

**#2226 Triangle Coalition for Science and Technology Education**  
 1840 Wilson Blvd., Suite 201  
 Arlington, VA 22201  
 Phone: 703-516-5960  
 E-mail: [murrayd@triangle-coalition.org](mailto:murrayd@triangle-coalition.org)  
 Website: [www.trianglecoalition.org](http://www.trianglecoalition.org)

Triangle Coalition manages the unique and exciting Albert Einstein Distinguished Educator Fellowship Program. This program brings outstanding K–12 STEM educators to Washington, D.C., for a school year. Fellows receive a monthly stipend and other allowances while contributing to national education programs on Capitol Hill or within a federal agency.

**#711 TruGreen**  
 All  
 K–12  
 865 Ridgelake Blvd.  
 Memphis, TN 38120  
 Phone: 800-TruGreen  
 Website: [www.trugreen.com](http://www.trugreen.com)

TruGreen is the nation’s largest lawn and landscape company, serving more than two million residential and commercial customers across the United States with lawn, tree, and shrub care. As the industry leader, we are committed to providing our customers with customized lawn care solutions that are effective, innovative, and responsible.

# TEACHERS IN GEOSCIENCES

Mississippi State University offers a unique and exciting M.S. degree program through distance learning—the Teachers in Geosciences (TIG) program. Students who successfully complete this two-year, 12-course, 36-hour curriculum are awarded an M.S. degree in Geosciences. The core courses in meteorology, geology, hydrology, oceanography, planetary science and environmental geoscience are taught via the internet. Over 300 students from across the country and around the world are enrolled.



Arizona field course

Program highlights include:

- DVD lectures created by Geoscience faculty
- course materials presented online
- Master of Science degree earned in two years
- little time spent away from home (8-10 days in the field)
- MSU in-state tuition rate offered to all students

**GEOSCIENCES DISTANCE LEARNING PROGRAMS**  
[distance.msstate.edu/geosciences](http://distance.msstate.edu/geosciences)

Mississippi State University is fully accredited by the Southern Association of Colleges and Schools (SACS). Prospective students should check with the Department of Education in their states for local certification policies.



**MISSISSIPPI STATE UNIVERSITY**

*Division of Academic Outreach & Continuing Education*

Mississippi State University is an equal opportunity employer.

## Exhibitors

**Try Dye, LLC** #854  
 PO Box 234 Chem, Gen  
 Coopersburg, PA 18036 4–12  
 Phone: 800-259-9310  
 E-mail: [info@trydye.com](mailto:info@trydye.com)  
 Website: [www.trydye.com](http://www.trydye.com)

Discover the “Science of Tie Dye,” a fun and affordable lesson students love! Classroom tie dye kits are customized to include T-shirts, lesson plans (K–12), instructional DVD, dyes, and supplies. Setup is easy, gloves and aprons protect every participant, and the colorful shirts last for years.

**Tutor.com** #729  
 40 Fulton St. Chem, Gen, Phys  
 New York, NY 10038 K–12, College  
 Phone: 888-888-6726  
 E-mail: [contactsales@tutor.com](mailto:contactsales@tutor.com)  
 Website: [www.tutor.com](http://www.tutor.com)

Tutor.com is the leading online tutoring service that supports differentiated instruction and improves college readiness. Certified tutors conduct one-to-one sessions online for help with homework, studying, and test preparation the moment a student needs help.

**U.S. Dept. of Energy** #1463  
**Genomic Science** Bio  
 1060 Commerce Park 7–12, College  
 Oak Ridge, TN 37830  
 Phone: 865-574-0597  
 E-mail: [millsmd@ornl.gov](mailto:millsmd@ornl.gov)  
 Website: [genomics.energy.gov](http://genomics.energy.gov)

The U.S. Department of Energy’s Genomic Science Program (formerly Genomes to Life) uses microbial and plant genomic data, high-throughput analytical technologies, modeling, and simulation to develop a predictive understanding of biological systems behavior relevant to solving energy and environmental challenges, including bioenergy production, environmental remediation, and climate stabilization.

**U.S. Dept. of Energy** #857  
**Office of Fossil Energy** Earth  
 1000 Independence Ave. SW K–12  
 Washington, DC 20585  
 Phone: 202-588-8503  
 E-mail: [fewebmaster.hq.doe.gov](mailto:fewebmaster.hq.doe.gov)  
 Website: [www.fossil.energy.gov](http://www.fossil.energy.gov)

Ensuring that we can continue to rely on clean, affordable energy from our traditional fuel resources is the primary mission of the U.S. Department of Energy’s Office of Fossil Energy. The Office has also created study guides and classroom activities emphasizing the importance of coal, natural gas, and petroleum.

**U.S. Dept. of the Interior** #2006  
**Minerals Management** Env, Gen  
**Service** K–12  
 770 Paseo Camarillo  
 Camarillo, CA 93010  
 Phone: 805-389-7533  
 E-mail: [john.romero@mms.gov](mailto:john.romero@mms.gov)  
 Website: [www.mms.gov](http://www.mms.gov)

Energy from our oceans? Explore free K–12 energy and ocean science educational material from the U.S. Department of the Interior’s Minerals Management Service, America’s offshore energy and minerals resource manager.

**U.S. EPA Office of Ground** #2113  
**Water and Drinking Water** Env  
 1200 Pennsylvania Ave. K–12  
 Washington, DC 20460  
 E-mail: [shaw.charlene@epa.gov](mailto:shaw.charlene@epa.gov)  
 Website: [www.epa.gov/safewater](http://www.epa.gov/safewater)

The U.S. EPA is presenting two major public health programs—the Office of Ground Water and Drinking Water will provide the latest information on drinking water and your health and the Office of Atmospheric Programs presents SunWise, a FREE ozone science and sun safety activity kit.

**U.S. EPA SunWise Program** #2111  
 1200 Pennsylvania Ave. Bio, Earth, Env  
 Washington, DC 20460 K–8  
 Phone: 202-343-9591  
 E-mail: [hall-jordan.luke@epa.gov](mailto:hall-jordan.luke@epa.gov)  
 Website: [www.epa.gov/sunwise](http://www.epa.gov/sunwise)

The U.S. EPA SunWise Program is an environmental and health education program that aims to teach the public how to protect themselves from overexposure to UV radiation. Come by our booth and receive our FREE K–8 classroom tool kit and UV-sensitive frisbee!

**U.S. FDA Center for Veterinary** #1063  
**Medicine**  
 7519 Standish Place  
 Rockville, MD 20855  
 Phone: 240-276-9300  
 E-mail: [askcvm@fda.hhs.gov](mailto:askcvm@fda.hhs.gov)  
 Website: [www.fda.gov/animalveterinary](http://www.fda.gov/animalveterinary)

The Center for Veterinary Medicine (CVM) is responsible for regulating drugs, devices, and food additives given to, or used on, over 100 million companion animals, plus millions of poultry, cattle, swine, and minor animal species. We provide teacher packets with educational materials and can ship additional materials upon request.

**U.S. Fish and Wildlife Service** #2214  
 698 Conservation Way Bio, Env  
 Shepherdstown, WV 25443 3–6  
 Phone: 304-876-7495  
 E-mail: [mary\\_danno@fws.gov](mailto:mary_danno@fws.gov)

The U.S. Fish and Wildlife Service’s Neighborhood Explorers website, designed for students aged 8–11 and their educators and caregivers, reaches those not currently participating in outdoor activities. The overall goal is to meet the audience where they are—on the computer—and offer a “safe” place to explore nature. Explorers are then encouraged to go outside to explore their “real” neighborhoods.



<b>U.S. Forest Service</b>	<b>#1817</b>	<b>University Corporation for Atmospheric Research</b>	<b>#1912</b>	<b>University of the Sciences in Philadelphia</b>	<b>#547</b>
1400 Independence Ave. SW MS 1147 Washington, DC 20250 Phone: 202-205-0966 E-mail: <a href="mailto:scummings@fs.fed.us">scummings@fs.fed.us</a> Website: <a href="http://fs.usda.gov/conservationeducation">http://fs.usda.gov/conservationeducation</a>	Earth K–12	PO Box 3000 Boulder, CO 80307-3000 Phone: 303-497-2408 E-mail: <a href="mailto:lallen@ucar.edu">lallen@ucar.edu</a> Website: <a href="http://www.eo.ucar.edu">www.eo.ucar.edu</a>	Earth, Env K–12, College	600 S. 43rd St. Philadelphia, PA 19104 Phone: 215-596-8527 E-mail: <a href="mailto:a.solis@usp.edu">a.solis@usp.edu</a> Website: <a href="http://www.usp.edu">www.usp.edu</a>	College

The U.S. Forest Service offers a wide variety of K–12 materials concerning conservation education and natural resources, regional contact information, and websites with downloadable materials. Some materials feature Smokey Bear and Woodsy Owl.

<b>U.S. Geological Survey</b>	<b>#2005</b>
12201 Sunrise Valley Dr., MS 104 Reston, VA 20192 Phone: 703-648-4713 E-mail: <a href="mailto:rridky@usgs.gov">rridky@usgs.gov</a> Website: <a href="http://www.usgs.gov">www.usgs.gov</a>	Earth K–12, College

As the nation's largest water, earth, and biological science and civilian mapping agency, the U.S. Geological Survey (USGS) collects, monitors, analyzes, and provides scientific understanding about natural resource conditions, issues, and problems. Instructional lessons, maps, aerial images, models, DVDs, and presentation of the USGS educational website will be distributed and displayed.

<b>Union of Concerned Scientists</b>	<b>#1661</b>
1825 K St. NW, Suite 800 Washington, DC 20006 Phone: 202-331-5452 E-mail: <a href="mailto:mhalpern@ucsusa.org">mhalpern@ucsusa.org</a> Website: <a href="http://www.ucsusa.org">www.ucsusa.org</a>	Bio, Env, Gen 9–12, College

The Union of Concerned Scientists (UCS) is a science-based nonprofit that combines scientific research and citizen action to achieve a healthy environment and a safer world. The UCS Scientific Integrity Program investigates political interference in government science.

The University Corporation for Atmospheric Research (UCAR) Office of Education and Outreach (EO) works to promote scientific literacy and advance all levels of education and training in subjects related to Earth's atmosphere. EO offers numerous programs, workshops, and resources for educators, students, and the general public to accomplish these goals.

<b>University of Florida Apollidon Learning</b>	<b>#1126</b>
3980 Tampa Rd., Suite 101 Oldsmar, FL 34677 Phone: 727-735-4899 E-mail: <a href="mailto:amanda.gernazian@apollidon.com">amanda.gernazian@apollidon.com</a>	Bio, Chem, Env 6–12, College

The University of Florida's online forensic science program will inspire you to excite your students about science through forensics. This program is specifically designed to meet the needs of today's teaching professionals. Earn your masters degree in forensic science, forensic toxicology, drug chemistry, or DNA forensics and serology.

<b>University of Northern Iowa Overseas Placement Service for Educators</b>	<b>#2059</b>
102 Gilchrist Hall Cedar Falls, IA 50614-0390 Phone: 319-273-2083 E-mail: <a href="mailto:overseas.placement@uni.edu">overseas.placement@uni.edu</a> Website: <a href="http://www.uni.edu/placement/overseas">www.uni.edu/placement/overseas</a>	All K–12

The University of Northern Iowa Overseas Recruiting Fair plays host to 120+ American international schools each February. Science teachers are in high demand! Stop by our booth or visit [www.uni.edu/placement/overseas](http://www.uni.edu/placement/overseas).

<b>USA TODAY Education</b>	<b>#1953</b>
7950 Jones Branch Dr., U-8 McLean, VA 22102 Phone: 703-854-5367 E-mail: <a href="mailto:janbrown@usatoday.com">janbrown@usatoday.com</a> Website: <a href="http://www.education.usatoday.com">www.education.usatoday.com</a>	Earth 5–12, College

USA TODAY and NASA have collaborated to build educational resources, free of charge to educators, that focus on STEM careers; science, engineering, and design processes; and cybersecurity. Students and teachers can win prize awards in a national competition. Come by for free materials and gifts.

<b>USDA Agriculture in the Classroom</b>	<b>#1663</b>
800 Ninth St. SW Room 3204 Waterfront Centre Washington, DC 20024 Phone: 202-720-9811 E-mail: <a href="mailto:lgwilliams@csrees.usda.gov">lgwilliams@csrees.usda.gov</a> Website: <a href="http://www.agclassroom.org">www.agclassroom.org</a> ; <a href="http://www.csrees.usda.gov">www.csrees.usda.gov</a>	Bio, Earth, Env, Gen K–12, College

Agriculture in the Classroom is a grassroots program coordinated by the U.S. Department of Agriculture. Its goal is to help students gain a greater awareness of the role of agriculture in the economy and society so that they may become citizens who support wise agriculture policies. The program is carried out in each state according to state needs and interests by individuals representing farm organizations, agribusiness, education, and government.

## Exhibitors

**USDA Agricultural Research Service** #1662  
Bio  
5601 Sunnyside Ave., 1-2232-B K-12, College  
Beltsville, MD 20705-5130  
Phone: 301-504-1633  
E-mail: [dianne.odland@ars.usda.gov](mailto:dianne.odland@ars.usda.gov)  
Website: [www.ars.usda.gov/news](http://www.ars.usda.gov/news)

Solving everyday problems is our business at the Agricultural Research Service—USDA’s principal in-house scientific research agency. Child obesity, food safety, biofuels, invasive species, pollinators, climate change—these are just a few of the areas we study. Come learn about our research, sign up for free publications, test our Sci4Kids website, AND try on our 20-pound fat vest!

**Vandalia Research, Inc.** #1720  
PO Box 2705 Gen  
Huntington, WV 25726 8-12, College

The Mystery of Lyle and Louise is a forensic science curriculum designed for high school and introductory undergraduate education. Comprised of independent hands-on laboratory modules, Lyle and Louise introduce your students to a broad range of techniques in forensic analysis, including DNA typing, questioned documents, forensic entomology, bite marks, blood spatter, and hair and fiber.

**Vernier Software & Technology** #1417  
13979 SW Millikan Way All  
Beaverton, OR 97005 3-12, College  
Phone: 503-277-2299; 888-837-6437  
E-mail: [info@vernier.com](mailto:info@vernier.com)  
Website: [www.vernier.com](http://www.vernier.com)

Stop by the Vernier Software & Technology booth to see our cutting-edge technology such as LabQuest, LabPro, Go!Link, and Logger Pro software. Find the perfect solution for your labs and see how versatile Vernier technology is. Let us show you why we are consistently teachers’ top choice for probeware.

**W.H. Freeman & Co.** #928  
c/o Bedford, Freeman & Worth All  
4B Cedarbrook Dr. 9-12, College  
Cranbury, NJ 08512  
Phone: 866-843-3715  
E-mail: [msaltzman@bfwpub.com](mailto:msaltzman@bfwpub.com); [cweis@bfwpub.com](mailto:cweis@bfwpub.com)  
Website: [www.bfwpub.com](http://www.bfwpub.com)

W.H. Freeman of Bedford, Freeman & Worth (BFW) Publishers is the prestigious publisher of several groundbreaking texts, software, and instructor materials. Please visit our booth to preview these resources. You can also peruse our website ([www.bfwpub.com/highschool](http://www.bfwpub.com/highschool)) to request complimentary consideration copies.

**WARD’s Natural Science** #1826  
777 E. Park Dr.  
Tonawanda, NY 14150  
Website: [www.wardsci.com](http://www.wardsci.com)

With over 140 years of experience, WARD’s Natural Science is the expert name in premier products for science education. WARD’s strives to provide total solutions and support for advanced-level science in high schools and universities, with a commitment to quality that remains unmatched.

**Water Environment Federation** #1904  
601 Wythe St. Env  
Alexandria, VA 22314-1994 3-12  
Phone: 703-684-2400  
E-mail: [publiceducation@wef.org](mailto:publiceducation@wef.org)  
Website: [www.wef.org](http://www.wef.org)

Water...take it personally—learn, understand, inspire! Tap into your local treatment plant experts for resources on water issues. Learn about water infrastructure and World Water Monitoring Day. Discover how students can compete in the U.S. Stockholm Junior Water Prize and win a trip to the 2010 water research competition

**Wavefunction, Inc.** #815  
18401 Von Karman Ave., Suite 370 Chem  
Irvine, CA 92612 9-12, College  
Phone: 949-955-2120  
E-mail: [sales@wavefun.com](mailto:sales@wavefun.com)

Easy-to-use software for teaching and learning chemistry. Two product lines, “Odyssey” and “Spartan,” focus computer technology on understanding chemistry from a molecular perspective. Wavefunction provides affordable cutting-edge chemistry software for high schools and universities.

**WeatherBug Schools** #1228  
12410 Milestone Center Dr. All  
Germantown, MD 20876 K-12, College  
Phone: 800-544-4429  
Website: [www.weatherbugschools.com](http://www.weatherbugschools.com)

WeatherBug Schools combines a fully automated weather station with interactive tools and activities. Boost test scores and increase student safety with lightning detection and advance warning of severe weather. In addition, WeatherBug’s affiliation with more than 60 television stations means increased community awareness of your school.

**WeatherHawk** #1816  
815 West 1800 North Env  
Logan, UT 84321 4-12, College  
Phone: 435-750-1802  
E-mail: [estewart@weatherhawk.com](mailto:estewart@weatherhawk.com)  
Website: [www.weatherhawk.com](http://www.weatherhawk.com)

WeatherHawk, a division of Campbell Scientific, Inc., is a leader in manufacturing rugged, reliable, fully self-contained meteorological stations for education. Offering innovative technology for weather instruction in the classroom, Weatherhawk weather stations measure wind speed, wind direction, air temperature, relative humidity, solar radiation, barometric pressure, and rainfall.

**WebAssign** #1054  
 1730 Varsity Dr., Suite 200 Chem, Phys  
 Raleigh, NC 27606 9–12, College  
 Phone: 919-829-8181  
 E-mail: [info@webassign.net](mailto:info@webassign.net)  
 Website: [www.webassign.net](http://www.webassign.net)

WebAssign is the leading provider of online homework for high school and college courses. Created by teachers for teachers, this intuitive web-based program will change the way you think about homework. Stop by our booth to learn more about using WebAssign to engage your students and improve their learning.

**Wikki Stix Co.** #647  
 11034 N. 23rd Dr., #103 Bio, Chem, Earth  
 Phoenix, AZ 85029 K–12, College  
 Phone: 602-870-9937  
 E-mail: [kclark@wikkistix.com](mailto:kclark@wikkistix.com)  
 Website: [www.wikkistix.com](http://www.wikkistix.com)

Wikki Stix one-of-a-kind creatables are the ideal tool for making cross sections and diagrams, illustrating mitosis, exploring constellations, and so much more! Easy to use, they stick to almost all smooth surfaces with just fingertip pressure. Easy to peel up and reposition, they are endlessly reusable. Made in the U.S.

**Wiley** #1553  
 111 River St. All  
 Hoboken, NJ 07030  
 Phone: 201-748-6518  
 Website: [www.wiley.com](http://www.wiley.com)

Founded in 1807, John Wiley & Sons, Inc., is an independent global publisher of print and electronic products. Wiley specializes in scientific and technical books, journals, textbooks and education materials, professional and consumer books, and subscription services.

**Windows to the Universe** #1916  
 PO Box 3000 Earth, Env  
 Boulder, CO 80307-3000 K–12, College  
 Phone: 303-497-2593  
 E-mail: [vicki@ucar.edu](mailto:vicki@ucar.edu)  
 Website: [www.windows.ucar.edu](http://www.windows.ucar.edu)

Learn about the Windows to the Universe website and associated educational programs. Windows to the Universe hosts a 9,000+ page website spanning a broad range of earth science and space science topics. The project also offers professional development workshops for teachers.

**World Precision Instruments, Inc.** #1153  
 175 Sarasota Center Blvd. Chem  
 Sarasota, FL 34240 7–12, College  
 Phone: 941-371-1003  
 E-mail: [jam@wpiinc.com](mailto:jam@wpiinc.com)  
 Website: [www.wpiinc.com](http://www.wpiinc.com)

World Precision Instruments (WPI) has provided bioscience instrumentation to research scientists for over 40 years. Our booth features our line of quality glassware and chemistry-related products priced to satisfy any lab searching for value—laboratory glassware, frameworks, pumps, valve kits, and more.

**WorldStrides** #721  
 590 Peter Jefferson Pkwy. All  
 Charlottesville, VA 22911 6–12  
 Phone: 800-688-8584  
 Website: [www.worldstrides.org](http://www.worldstrides.org)

For over 40 years, WorldStrides has set itself apart as the premier student travel organization in the nation. Accredited by NAAS, WorldStrides strives to enrich lives and open minds by taking students beyond classroom walls. WorldStrides is committed to providing a safe and secure travel experience, creating memories that last a lifetime.

# National Earth Science Teachers Association



## Events at Philadelphia NSTA 2010

All NESTA events will be held in the Sheraton Philadelphia City Center  
Hotel Liberty A/B except as indicated.

### Friday March 19

**9:30** NESTA Geology Share-a-Thon

**11:00** NESTA Oceans and Atmospheres Share-a-Thon

**12:30** NESTA Space Science Share-a-Thon

**2:00** Don't miss the American Geophysical Union Lecture!

***Predicting Earthquakes and Volcanic Eruptions: What Can and Can Not Now Be Done?***

Dr. Stephen Malone

2010 IRIS/SSA Distinguished Lecturer, University of Washington

Location: Room 201C of the Philadelphia Convention Center

**6:30-8:00** NESTA Friends of Earth Science Reception

Location: Sheraton Horizons Rooftop Ballroom

### Saturday March 20

**NESTA Earth and Space Science Resource Day: Earth System Science and the Environment**

**7:00-8:30** NESTA Resource Day Breakfast

Location: Sheraton Logans I Room

(Advance purchase tickets required)

***Building meaningful Earth system science education partnerships  
across the K-20 community***

Professors Tanya Furman (The Pennsylvania State University)

and Laura Guertin (Pennsylvania State Brandywine)

**9:30** NESTA Earth System Science and the Environment Share-a-Thon

**11:00** ***Meteorology drives everything: the sensitivity of pollution episodes to atmospheric conditions in the mid-Atlantic region***

Professor Richard Clark, Millersville University of Pennsylvania

**12:30** ***Changing Seas, Changing Life: Paleontological Research with Student Participation***

Dr. Robert Ross, Paleontological Research Institution

**2:00** ***Environmental Earth System Science for Education in Urban Areas***

Professor Alexander Gates, Rutgers University

**3:30-5:00** NESTA Rock and Mineral Raffle

**5:00-6:30** NESTA Membership Meeting



These events are cosponsored by the American Geophysical Union,  
Carolina Biological Supply, UCAR, and Windows to the Universe.

<http://www.nestanet.org>



### Academy of Model Aeronautics (Booth #646)

Friday, March 19	10:00–11:30 AM	110A/B, Conv. Center	AeroLab
Saturday, March 20	10:00–11:30 AM	110A/B, Conv. Center	AeroLab

### ADAM Equipment (Booth #1452)

Thursday, March 18	3:30–5:00 PM	203A, Conv. Center	The Case of the Missing Joules
Friday, March 19	8:00–9:30 AM	203A, Conv. Center	The Case of the Missing Joules

### Alliance for Climate Education (ACE) (Booth #2127)

Friday, March 19	4:00–5:30 PM	105A/B, Conv. Center	Living Large
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### Arbor Scientific (Booth #1705)

Friday, March 19	8:00–9:30 AM	105A/B, Conv. Center	Wish You Could Do More Physics and Chemistry Labs—But Don't Have the Time and Equipment?
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### Bio-Rad Laboratories (Booth #1619)

Thursday, March 18	8:00–9:00 AM	103B, Conv. Center	Bio-Rad—How to Start a Biotech Program
Thursday, March 18	8:00–10:30 AM	103A, Conv. Center	Bio-Rad Crime Scene Investigator PCR Basics Kit
Thursday, March 18	10:00–11:15 AM	103B, Conv. Center	Bio-Rad—ELISA and Swine Flu
Thursday, March 18	1:00–2:15 PM	103A, Conv. Center	Bio-Rad—Light Up Your Classroom with Prize-winning Science
Thursday, March 18	1:00–2:30 PM	103B, Conv. Center	Bio-Rad—Enzymes and Biofuels: Go from Grass to Gas! (AP Lab 2)
Thursday, March 18	3:00–4:00 PM	103B, Conv. Center	Bio-Rad Cloning and Sequencing Explorer Series
Thursday, March 18	3:00–4:15 PM	103A, Conv. Center	Bio-Rad—Take pGLO to the Next Level!
Friday, March 19	8:00–9:30 AM	103B, Conv. Center	Bio-Rad—Enzymes and Biofuels: Go from Grass to Gas! (AP Lab 2)
Friday, March 19	9:00–10:30 AM	103A, Conv. Center	Bio-Rad—Is There Molecular Evidence for Evolution? Protein Profiler Kit
Friday, March 19	10:00–11:30 AM	103B, Conv. Center	Bio-Rad—Got Protein in Your Milk?
Friday, March 19	1:00–2:00 PM	103B, Conv. Center	Bio-Rad Genes in a Bottle™ Kit
Friday, March 19	1:00–3:30 PM	103A, Conv. Center	Bio-Rad Forensic DNA Fingerprinting Kit
Friday, March 19	3:00–4:30 PM	103B, Conv. Center	Bio-Rad—Finding Funds for Biotechnology Studies: Grant-writing Workshop
Saturday, March 20	8:00–9:30 AM	103A, Conv. Center	Bio-Rad—Microbes and Health: What Causes Yogurtiness?™
Saturday, March 20	10:00–11:00 AM	103A, Conv. Center	Bio-Rad Genes in a Bottle™ Kit

### BIOZONE International Ltd. (Booth #1234)

Friday, March 19	10:00–11:30 AM	105A/B, Conv. Center	A Showcase of BIOZONE's Latest Workbooks and Presentation Media for Grades 9–12
Saturday, March 20	10:00–11:30 AM	105A/B, Conv. Center	A Showcase of BIOZONE's Latest Workbooks and Presentation Media for Grades 9–12

### BrainPOP (Booth #2150)

Thursday, March 18	1:30–3:00 PM	105A/B, Conv. Center	BrainPOP in the 21st-Century Science Classroom
Saturday, March 20	12 Noon–1:30 PM	105A/B, Conv. Center	How Do Natural Disasters Affect People? A Project-based Learning Lesson

### Bureau of Land Management, U.S. Dept. of the Interior (Booth #1920)

Saturday, March 20	8:00–9:30 AM	105A/B, Conv. Center	Using Your Public Lands as Outdoor Classrooms or Laboratories
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## Index of Exhibitor Workshops

### Carolina Biological Supply Co. (Booth #1105)

Thursday, March 18	9:30–11:00 AM	204A, Conv. Center	Need “Energy” in Your Environmental Classes? Learn About Carolina’s NEW Inquiries in Science™ Environmental Series
Thursday, March 18	9:30–11:00 AM	201B, Conv. Center	Inquiring Minds Want to Know: An Introduction to Inquiry
Thursday, March 18	9:30–11:00 AM	204B, Conv. Center	Comparative Vertebrate Anatomy with Carolina’s Perfect Solution® Specimens
Thursday, March 18	11:30 AM–1:00 PM	204B, Conv. Center	Comparative Mammalian Organ Dissection with Carolina’s Perfect Solution® Specimens
Thursday, March 18	11:30 AM–1:00 PM	201B, Conv. Center	Setting the Standard for PreK Science
Thursday, March 18	11:30 AM–1:00 PM	204A, Conv. Center	Strawberry DNA and Molecular Models
Thursday, March 18	1:30–3:00 PM	201B, Conv. Center	Moving Cars: Driving Learning with the STC Program™
Thursday, March 18	1:30–3:00 PM	204B, Conv. Center	AUTOPSY: Forensic Dissection Featuring Carolina’s Perfect Solution® Pigs
Thursday, March 18	1:30–3:00 PM	204A, Conv. Center	Energize Your Chemistry Students’ Inquiry Skills with Carolina’s Inquiries in Science® Chemistry Series
Thursday, March 18	3:30–5:00 PM	201B, Conv. Center	Science Libraries: Reading for Content
Thursday, March 18	3:30–5:00 PM	204A, Conv. Center	Creating Habitats in the Classroom
Thursday, March 18	3:30–5:00 PM	204B, Conv. Center	Forensics for the Biology Laboratory
Friday, March 19	8:00–9:30 AM	201B, Conv. Center	Going the Distance in Math
Friday, March 19	8:00–9:30 AM	204A, Conv. Center	Hands-On Science with Classroom Critters
Friday, March 19	8:00–9:30 AM	204B, Conv. Center	Exploring Feline Anatomy with Carolina’s Perfect Solution® Cats
Friday, March 19	10:00–11:30 AM	201B, Conv. Center	Discover the Solar System and Beyond
Friday, March 19	10:00–11:30 AM	204A, Conv. Center	Introduction to Protozoa
Friday, March 19	10:00–11:30 AM	204B, Conv. Center	Carolina’s Young Scientist’s Dissection Series
Friday, March 19	12 Noon–1:30 PM	201B, Conv. Center	Science Notebooking: Integrating Writing and Science
Friday, March 19	12 Noon–1:30 PM	204B, Conv. Center	Amplify Your Genetics Teaching Skills with Carolina’s New Inquiries in Science™ Biology Units
Friday, March 19	12 Noon–1:30 PM	204A, Conv. Center	Introduction to Wisconsin Fast Plants®
Friday, March 19	2:00–3:30 PM	201B, Conv. Center	Energy Works!
Friday, March 19	2:00–3:30 PM	204A, Conv. Center	It’s Alive! Carolina’s Classroom Genetics
Friday, March 19	2:00–3:30 PM	204B, Conv. Center	Take the Leap: Carolina’s Perfect Solution® Frog Dissection
Friday, March 19	4:00–5:30 PM	201B, Conv. Center	Creepy Crawlers in the Middle School Classroom
Friday, March 19	4:00–5:30 PM	204B, Conv. Center	SQUID INK-UIRY: Inquiry-based Invertebrate Anatomy Through Squid Dissection
Friday, March 19	4:00–5:30 PM	204A, Conv. Center	From Fast Gels to Fruit Flies
Saturday, March 20	8:00–9:30 AM	201B, Conv. Center	Exploring the World Through the Five Senses
Saturday, March 20	8:00–9:30 AM	204B, Conv. Center	Think Mink! Exploring Mammalian Anatomy with Carolina’s Perfect Solution® Mink
Saturday, March 20	8:00–9:30 AM	204A, Conv. Center	Introduction to Electrophoresis
Saturday, March 20	10:00–11:30 AM	201B, Conv. Center	Do They Get It? Assessment Strategies for an Inquiry Classroom
Saturday, March 20	10:00–11:30 AM	204B, Conv. Center	Rats! Inquiry-based Dissection with Carolina’s Perfect Solution® Specimens
Saturday, March 20	10:00–11:30 AM	204A, Conv. Center	Go APES! Explore Carolina’s Quality AP® Environmental Science Series
Saturday, March 20	12 Noon–1:30 PM	204B, Conv. Center	Molecular Models in the Classroom
Saturday, March 20	12 Noon–1:30 PM	201B, Conv. Center	Hands-On/Minds-On Middle School Science
Saturday, March 20	12 Noon–1:30 PM	204A, Conv. Center	Teaching Genetics and Biotechnology with Carolina’s Manipulative Kits
Saturday, March 20	2:00–3:30 PM	201B, Conv. Center	1, 2, 3, 4 ... Boost Your Students’ Math Scores
Saturday, March 20	2:00–3:30 PM	204A, Conv. Center	Exploring Gene Function in <i>C. elegans</i> : Mutations and RNA Interference
Saturday, March 20	2:00–3:30 PM	204B, Conv. Center	Butterflies in Your Classroom

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### Center for Health and the Global Environment, Harvard Medical School (Booth #1811)

Friday, March 19	12 Noon–1:30 PM	203B, Conv. Center	Human Health and Global Environmental Change for Educators
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### CoasterDynamix, Inc. (Booth #1552)

Friday, March 19	2:00–3:30 PM	Hall D/4, Conv. Center	Teaching Physics with Roller Coasters: A Hands-On Approach
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### CPO Science, School Specialty Science (Booth #1341)

Thursday, March 18	8:00–9:30 AM	108A, Conv. Center	Chemistry and the Atom: Fun with the Atom-building Game
Thursday, March 18	10:00–11:30 AM	108A, Conv. Center	Crazy Traits: Genetics and Adaptations Games for All
Thursday, March 18	12 Noon–1:30 PM	108A, Conv. Center	Optics with Light and Color: Bright Ideas—Our New Take On an Old Favorite
Thursday, March 18	2:00–3:30 PM	108A, Conv. Center	The BEST Buoyancy Experiment Ever! Understanding Archimedes’s Principle and Density
Thursday, March 18	4:00–5:30 PM	108A, Conv. Center	Electric Circuits: Fun with Electricity and Circuits
Friday, March 19	8:00–9:30 AM	108A, Conv. Center	Electric Circuits: Fun with Electricity and Circuits
Friday, March 19	10:00–11:30 AM	108A, Conv. Center	Electric Motor: Fun with Electromagnetism—Who Can Build the Fastest Motor?
Friday, March 19	12 Noon–1:30 PM	108A, Conv. Center	Optics with Light and Color: Bright Ideas—Our New Take on an Old Favorite
Friday, March 19	2:00–3:30 PM	108A, Conv. Center	Race into Physics with the CPO Science Energy Car
Friday, March 19	4:00–5:30 PM	108A, Conv. Center	Chemistry and the Atom: Fun with the Atom-building Game
Saturday, March 20	8:00–9:30 AM	108A, Conv. Center	The BEST Buoyancy Experiment Ever! Understanding Archimedes’s Principle and Density
Saturday, March 20	10:00–11:30 AM	108A, Conv. Center	Race into Physics with the CPO Science Energy Car
Saturday, March 20	12 Noon–1:30 PM	108A, Conv. Center	Chemistry and the Atom: Fun with the Atom-building Game
Saturday, March 20	2:00–3:30 PM	108A, Conv. Center	Crazy Traits: Genetics and Adaptations Games for All

### Delta Education, School Specialty Science (Booth #1440)

Thursday, March 18	8:00–9:15 AM	108B, Conv. Center	Experimental Design
Thursday, March 18	10:00–11:15 AM	108B, Conv. Center	Inquiry and Literacy in Grades 5–8
Thursday, March 18	1:00–2:30 PM	108B, Conv. Center	What’s Going On in There? Inquiry Science for Supervisors, Teacher Trainers, and Teachers
Thursday, March 18	3:00– 4:30 PM	108B, Conv. Center	Science Gnus: Inquiry Skills in the Stories of Scientists, Famous and Not So Famous
Friday, March 19	8:00–9:15 AM	108B, Conv. Center	Put Some Spark into Science Investigations
Friday, March 19	10:00–11:15 AM	108B, Conv. Center	Integrating Science and Literacy in Grades 1–6
Friday, March 19	1:00–2:15 PM	108B, Conv. Center	Working as One with Hands and Minds
Friday, March 19	3:00– 4:30 PM	108B, Conv. Center	FOSS and DSM Kit Refurbishment/Material Management

### Delta Education, School Specialty Science–FOSS (Booth #1440)

Thursday, March 18	8:00–10:30 AM	107A/B, Conv. Center	Using Science Notebooks with FOSS Middle School
Thursday, March 18	12:30–3:00 PM	107A/B, Conv. Center	FOSS Chemical Interactions for Middle School Students
Thursday, March 18	4:00–5:00 PM	107A/B, Conv. Center	Beyond the Classroom Walls with FOSS
Friday, March 19	8:30–11:30 AM	107A/B, Conv. Center	Using Student Science Notebooks to Assess Student Learning (for Experienced Users Grades 5–8)
Friday, March 19	12 Noon–2:00 PM	107A/B, Conv. Center	Taking Science Outdoors with FOSS K–8
Friday, March 19	3:00– 4:30 PM	107A/B, Conv. Center	A Sneak Preview of the FOSS 2010 Planetary Science Middle School Course
Saturday, March 20	8:00–10:30 AM	107A/B, Conv. Center	Introducing Science Notebooks with FOSS K–6
Saturday, March 20	11:00 AM–1:00 PM	107A/B, Conv. Center	FOSS Assessment—Valuing Academic Progress in Grades 3–6
Saturday, March 20	1:30–4:00 PM	107A/B, Conv. Center	Making Sense of Science Notebooks with FOSS 3–6 (for Experienced Users)

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### Delta Education, School Specialty Science–Seeds (Booth #1440)

Thursday, March 18	8:30–10:00 AM	106A/B, Conv. Center	Innovative Science and Literacy Integration: Seeds of Science/Roots of Reading®
Thursday, March 18	10:30 AM–12 Noon	106A/B, Conv. Center	Innovative Science and Literacy Integration: Seeds of Science/Roots of Reading®
Thursday, March 18	1:00–2:30 PM	106A/B, Conv. Center	Innovative Science and Literacy Integration: Seeds of Science/Roots of Reading®
Thursday, March 18	3:30–5:00 PM	106A/B, Conv. Center	Reading Skills in the Science Classroom: Seeds of Science/Roots of Reading®

### Discovery Education (Booth #1022 and #1025)

Thursday, March 18	11:30 AM–1:00 PM	112A/B, Conv. Center	Layers of Learning with Google Earth: A Free Round-trip Ticket to Anywhere in the World
Saturday, March 20	10:00–11:30 AM	103B, Conv. Center	Top 10 STEM Resources
Saturday, March 20	2:00–3:30 PM	103B, Conv. Center	Science of Everyday Life with the Discovery Education 3M Young Scientist Challenge

### DNA Depot (Booth #817)

Thursday, March 18	3:30–5:00 PM	112A/B, Conv. Center	Middle School Hands-On Life Science
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### DS SolidWorks Corp. (Booth #2052)

Thursday, March 18	1:30–3:00 PM	112A/B, Conv. Center	The STEM Academy
Saturday, March 20	2:00–3:30 PM	202B, Conv. Center	The STEM Academy

### Educational Innovations, Inc. (Booth #1033)

Friday, March 19	8:00–9:30 AM	113C, Conv. Center	The Private Eye: Hands-On Inquiry for an Interdisciplinary Mind—Science, Writing, and Art
Friday, March 19	10:00–11:30 AM	113C, Conv. Center	If You Can't Stand the Pressure, Get Out of the Classroom
Friday, March 19	12 Noon–1:30 PM	113C, Conv. Center	Get Charged Up with Educational Innovations!
Friday, March 19	2:00–3:30 PM	113C, Conv. Center	If You Can't Stand the Pressure, Get Out of the Classroom
Friday, March 19	4:00–5:30 PM	113C, Conv. Center	The Private Eye: Hands-On Inquiry for an Interdisciplinary Mind—Science, Writing, and Art

### EDVOTEK (Booth #816)

Thursday, March 18	9:30–11:00 AM	110A/B, Conv. Center	EDVOTEK Biotechnology: Biotechnology on a Budget
Thursday, March 18	11:30 AM–1:00 PM	110A/B, Conv. Center	EDVOTEK Biotechnology: Teaching DNA Forensics
Friday, March 19	8:00–9:30 AM	110A/B, Conv. Center	EDVOTEK Biotechnology—New! Achieve Successful PCR in One Lab Session

### Energy Concepts, Inc. (Booth #1632)

Thursday, March 18	11:30 AM–1:00 PM	203B, Conv. Center	Foundations in Biotechnology
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### ESRI (Booth #1431)

Thursday, March 18	9:30–11:00 AM	105A/B, Conv. Center	GIS for Earth Science Inquiry
Thursday, March 18	11:30 AM–1:00 PM	105A/B, Conv. Center	GIS for Environmental Science Inquiry
Friday, March 19	12 Noon–1:30 PM	105A/B, Conv. Center	GIS for Earth Science Inquiry
Friday, March 19	2:00–3:30 PM	105A/B, Conv. Center	GIS for Environmental Science Inquiry



### Fisher Science Education (Booth #2033)

Thursday, March 18	8:00–9:00 AM	303A/B, Conv. Center	The Educational EarthBox®: A Versatile, Easy-to-Use Instructional Tool
Thursday, March 18	9:30–11:00 AM	303A/B, Conv. Center	The Layered Earth: Geology Curriculum from the Makers of Starry Night
Thursday, March 18	1:30–3:00 PM	303A/B, Conv. Center	The Green Roof Model: Building a Greener World
Thursday, March 18	3:30–5:00 PM	303A/B, Conv. Center	Introducing a New Data Logging System for Your Science Lab!
Friday, March 19	8:00–9:30 AM	303A/B, Conv. Center	Introducing a New Data Logging System for Your Science Lab!
Friday, March 19	10:00–11:30 AM	303A/B, Conv. Center	Advanced Data Logging for Your High School Science Lab!
Friday, March 19	1:30–3:00 PM	303A/B, Conv. Center	Improving Test Scores with Curriculum Games for High School Science
Friday, March 19	3:30–5:00 PM	303A/B, Conv. Center	Innovating Science: Chemistry Demonstrations That Really Get a Reaction!

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### Flinn Scientific, Inc. (Booth #1605)

Thursday, March 18	11:30 AM–1:00 PM	103C, Conv. Center	Make Safety a Habit! Flinn Scientific Workshop
Thursday, March 18	1:30–3:00 PM	103C, Conv. Center	Hands-On Integrated Science Activities for Middle School
Thursday, March 18	3:30–5:00 PM	103C, Conv. Center	Flinn Scientific Presents Best Practices for Teaching Chemistry™: Experiments and Demonstrations
Friday, March 19	8:00–9:30 AM	103C, Conv. Center	Fantastic Physical Science Demonstrations from Flinn Scientific
Friday, March 19	10:00–11:30 AM	Room 114, Conv. Ctr.	Flinn Scientific's Morning of Chemistry: A Chemistry Demonstration Carnival!
Friday, March 19	10:00–11:30 AM	103C, Conv. Center	Flinn Favorite Biology Lab Activities and Games
Friday, March 19	12 Noon–1:30 PM	103C, Conv. Center	How to Design a Safe and Efficient Science Laboratory
Friday, March 19	2:00–3:30 PM	103C, Conv. Center	Teaching Advanced Placement Chemistry: Optimize Your Students' Laboratory Experiences
Saturday, March 20	10:00–11:30 AM	103C, Conv. Center	Promote Inquiry Using Chemistry Demonstrations
Saturday, March 20	12 Noon–1:30 PM	103C, Conv. Center	Hands-On Integrated Science Activities for Middle School

### Forestry Suppliers, Inc. (Booth #1804)

Saturday, March 20	8:00–9:30 AM	202B, Conv. Center	Bring the Outside In: Take A New Look at the Environment
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### Frey Scientific, School Specialty Science (Booth #1441)

Thursday, March 18	8:00–9:15 AM	109A/B, Conv. Center	Inquiry Investigations™ Biotechnology Curriculum Modules and Kits
Thursday, March 18	10:00–11:15 AM	109A/B, Conv. Center	Introducing Inquiry Investigations™: Hands-On Inquiry Activities Focusing On Technology
Thursday, March 18	12 Noon–1:15 PM	109A/B, Conv. Center	Educational Science Lab Design and Implementation for the 21st Century Made Easy
Thursday, March 18	2:00–3:15 PM	109A/B, Conv. Center	Inquiry Investigations™ Forensics Science Curriculum Module and Kits
Thursday, March 18	4:00–5:15 PM	109A/B, Conv. Center	A Closer Look at Biology, Chemistry, and Earth Science Virtual Labs
Friday, March 19	8:00–9:15 AM	109A/B, Conv. Center	A Closer Look at Biology, Chemistry, and Earth Science Virtual Labs
Friday, March 19	10:00–11:15 AM	109A/B, Conv. Center	Inquiry Investigations™ Forensics Science Curriculum Module and Kits
Friday, March 19	12 Noon–1:15 PM	109A/B, Conv. Center	Educational Science Lab Design and Implementation for the 21st Century Made Easy
Friday, March 19	2:00–3:15 PM	109A/B, Conv. Center	Introducing Inquiry Investigations™: Hands-On Inquiry Activities Focusing On Technology
Friday, March 19	4:00–5:15 PM	109A/B, Conv. Center	Inquiry Investigations™ Biotechnology Curriculum Modules and Kits

### GASTEC Corp. (Booth #1716)

Saturday, March 20	8:00–9:30 AM	103B, Conv. Center	It's a GAS!
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### GET BioTECH SMART (Booth #1753)

Friday, March 19	4:00–5:30 PM	Hall D/4, Conv. Center	Get Smart About Biotechnology
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### Hands and Minds/Anatomy in Clay (Booth #618)

Friday, March 19	10:00–11:30 AM	203B, Conv. Center	Hands-On Teaching with the Anatomy in Clay® Learning System
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### Houghton Mifflin Harcourt (Booth #940)

Thursday, March 18	1:30–3:00 PM	304, Conv. Center	Bring Biology to Life
Thursday, March 18	3:30–5:00 PM	304, Conv. Center	Motivating Students Through Project Based Learning (PBL)
Friday, March 19	8:00–9:30 AM	304, Conv. Center	Reading in the 21st Century
Friday, March 19	10:00–11:30 AM	304, Conv. Center	Capturing Attention in the Chemistry Classroom
Saturday, March 20	8:00–9:30 AM	304, Conv. Center	Science for Digital Natives
Saturday, March 20	10:00–11:30 AM	304, Conv. Center	Misconception Mania: Exciting and Engaging Ways to Address Common Misunderstandings in K–8 Science

### Howard Hughes Medical Institute (Booth #1344)

Friday, March 19	8:00–9:30 AM	106A/B, Conv. Center	Free Teaching Resources from HHMI: Exploring Biodiversity: The Search for New Medicines
Friday, March 19	10:00–11:30 AM	106A/B, Conv. Center	Enhance Your AP Biology Presentations Using Teacher-generated and FREE Resources from Howard Hughes Medical Institute
Friday, March 19	12 Noon–1:30 PM	106A/B, Conv. Center	Teaching Cells, Viruses, Disease, and Immunology with Free Resources from HHMI
Friday, March 19	2:00–3:30 PM	106A/B, Conv. Center	The Science of Stem Cells: Introductory Activities
Friday, March 19	4:00–5:30 PM	106A/B, Conv. Center	Learning from Patients: Developing Models and Searching for Answers

### It's About Time (Booth #1229)

Friday, March 19	8:00–9:00 AM	201A, Conv. Center	There Is More to Project Based Science Than Just a Project: (PBIS)
Friday, March 19	9:30–10:30 AM	201A, Conv. Center	InterActions in Physical Science—Newly Revised
Friday, March 19	11:00 AM–12 Noon	201A, Conv. Center	Teenagers, Cars, and Driving...How to Get High School Students Actively Involved in Physical Science
Friday, March 19	12:30–1:30 PM	201A, Conv. Center	Teaching in the 21st Century: Integrating Project-based Curricula and Probeware
Friday, March 19	2:00–3:00 PM	201A, Conv. Center	El Niño and Its Effects on Weather, Climate, and the Food Chain
Friday, March 19	3:30–4:30 PM	201A, Conv. Center	Investigating in Environmental Science: A Case-based Approach
Saturday, March 20	8:00–9:00 AM	201A, Conv. Center	Physics for Everyday Thinking (PET) and Physical Science for Everyday Thinking (PSET)
Saturday, March 20	9:30–10:30 AM	201A, Conv. Center	Active Physics: Newly Revised Third Edition
Saturday, March 20	11:00 AM–12 Noon	201A, Conv. Center	Active Chemistry
Saturday, March 20	12:30–1:30 PM	201A, Conv. Center	Project Based Inquiry Science (PBIS): The Next Generation of Middle School Programs
Saturday, March 20	2:00–3:00 PM	201A, Conv. Center	Coordinated Science: Physical, Earth, and Space Sciences
Saturday, March 20	3:30–4:30 PM	201A, Conv. Center	Professional Development Worthy of Stimulus Funding

### Kendall Hunt Publishing Co. (Booth #1928)

Thursday, March 18	9:30–11:00 AM	304, Conv. Center	Teaching Chemistry Without “When Am I Going to Need This?”
Thursday, March 18	11:30 AM–1:00 PM	304, Conv. Center	Forensic Science for High School: An Inquiry-rich Curriculum
Friday, March 19	12 Noon–1:30 PM	304, Conv. Center	Building Inquiry with <i>BSCS Science: An Inquiry Approach</i>
Friday, March 19	2:00–3:30 PM	304, Conv. Center	Building Inquiry with <i>BSCS Biology: A Human Approach</i>

### Key Curriculum Press (Booth #735)

Thursday, March 18	3:30–5:00 PM	110A/B, Conv. Center	Living by Chemistry: Create a Table
Friday, March 19	12 Noon–1:30 PM	110A/B, Conv. Center	Living by Chemistry: What Shape Is That Smell?
Saturday, March 20	2:00–3:30 PM	110A/B, Conv. Center	Living by Chemistry: Feeling Under Pressure

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### The Keystone Center (Booth #957)

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Saturday, March 20	10:00–11:30 AM	203B, Conv. Center	CSI: Climate Status Investigations
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### Kinetic Books (Booth #2106)

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Friday, March 19	4:00–5:30 PM	110A/B, Conv. Center	Experience a Digital Physics Curriculum
Saturday, March 20	8:00–9:30 AM	110A/B, Conv. Center	Experience a Digital Physics Curriculum

### LAB-AIDS, Inc. (Booth #1529)

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Thursday, March 18	9:30–11:00 AM	Hall D/2, Conv. Center	A Natural Approach to Chemistry: Teaching About Heat and Temperature
Thursday, March 18	11:30 AM–1:00 PM	Hall D/2, Conv. Center	A Natural Approach to Chemistry: Teaching About Heat and Temperature
Thursday, March 18	1:30–3:00 PM	Hall D/2, Conv. Center	A Natural Approach to Chemistry: Teaching About Electrochemistry
Friday, March 19	8:00–9:30 AM	Hall D/2, Conv. Center	Inquiry Teaching and Learning: Chemical Batteries
Friday, March 19	10:00–11:30 AM	Hall D/2, Conv. Center	A Natural Approach to Chemistry: Teaching About Spectrophotometry
Friday, March 19	12 Noon–1:30 PM	Hall D/2, Conv. Center	A Natural Approach to Chemistry: Teaching About Spectrophotometry
Friday, March 19	2:00–3:30 PM	Hall D/2, Conv. Center	Inquiry Teaching and Learning: The Periodic Table
Friday, March 19	4:00–5:30 PM	Hall D/2, Conv. Center	Inquiry Teaching and Learning: Classifying Space Objects
Saturday, March 20	8:00–9:30 AM	Hall D/2, Conv. Center	Inquiry Teaching and Learning: Gas Exchange
Saturday, March 20	10:00–11:30 AM	Hall D/2, Conv. Center	Inquiry Teaching and Learning: The Full Course
Saturday, March 20	12 Noon–1:30 PM	Hall D/2, Conv. Center	A Natural Approach to Chemistry: Teaching About Electrochemistry

### LaMotte Co. (Booth #923)

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Thursday, March 18	1:30–3:00 PM	203B, Conv. Center	Watershed Investigation: Delaware Statewide Recommended Science Curriculum
Friday, March 19	4:00–5:30 PM	203B, Conv. Center	The Watershed Tour
Saturday, March 20	8:00–9:30 AM	203B, Conv. Center	Stream Ecology: Slimy Leaves for Clean Streams

### Lumens Integration, Inc. (Booth #2061)

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Friday, March 19	10:00–11:30 AM	Hall D/4, Conv. Center	Camera Magic: Strategies to Incorporate Visual Presenters into Your Lessons
Friday, March 19	12 Noon–1:30 PM	Hall D/4, Conv. Center	Camera Magic: Strategies to Incorporate Visual Presenters into Your Lessons

### Marshall Cavendish International (Booth #1807)

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Friday, March 19	8:00–9:30 AM	Hall D/4, Conv. Center	Sciencing the Nation and Making It Count: How Does It Add Up for Singapore?
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### McGraw-Hill School Education Group (Booth #531)

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Thursday, March 18	1:30–3:00 PM	111A/B, Conv. Center	Knowing How; Knowing What; Knowing Why
Thursday, March 18	3:30–5:00 PM	111A/B, Conv. Center	I See What You Mean: Developing Visual Literacy
Friday, March 19	8:00–9:30 AM	111A/B, Conv. Center	A to Z Science Activities for the Primary Classroom
Friday, March 19	10:00–11:30 AM	111A/B, Conv. Center	Teaching Inquiry Science with Toys and Treats
Friday, March 19	12 Noon–1:30 PM	111A/B, Conv. Center	Teaching Inquiry Science with Toys and Treats
Friday, March 19	2:00–3:30 PM	111A/B, Conv. Center	Teaching Science with Foldables
Friday, March 19	4:00–5:30 PM	111A/B, Conv. Center	Teaching Science with Foldables



### Mississippi State University (Booth #1717)

Friday, March 19	12 Noon–1:30 PM	203A, Conv. Center	MS Degree in Geosciences via Distance Learning from Mississippi State University
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### National Geographic–The JASON Project (Booth #1641)

Friday, March 19	2:00–3:30 PM	203A, Conv. Center	The JASON Project
Friday, March 19	4:00–5:30 PM	203A, Conv. Center	Incorporating Social Networking and Gaming in the Classroom
Saturday, March 20	8:00–9:30 AM	203A, Conv. Center	Integrating Video Games and Core Curriculum
Saturday, March 20	10:00–11:30 AM	203A, Conv. Center	The JASON Project
Saturday, March 20	12 Noon–1:30 PM	203A, Conv. Center	Incorporating Social Networking and Gaming into the Classroom

### National Geographic School Publishing (Booth #1641)

Thursday, March 18	3:30–5:00 PM	203B, Conv. Center	Student Success with Inquiry
Friday, March 19	8:00–9:30 AM	203B, Conv. Center	Science and Literacy: Reading and Writing Informational Text

### National Nanotechnology Infrastructure Network (Booth #2155)

Thursday, March 18	9:30–11:00 AM	203B, Conv. Center	Nano in Your Classroom: Easy Lessons Tied to Basic Science Concepts
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### PASCO (Booth #805 and #914)

Friday, March 19	8:00–9:00 AM	112A/B, Conv. Center	Tough Topics in Chemistry and Physical Science: Gas Laws
Friday, March 19	8:00–9:00 AM	113A, Conv. Center	Sally Ride Science™ and PASCO: Our Changing Climate
Friday, March 19	9:30–10:30 AM	112A/B, Conv. Center	Carolina™ Biology Investigations for SPARKscience™: A Novel Approach to the “Ruler Drop” Lab
Friday, March 19	9:30–10:30 AM	113A, Conv. Center	Tough Topics in Physics and Physical Science: Motion
Friday, March 19	11:00 AM–12 Noon	113A, Conv. Center	Tough Topics in Life Science: Modeling Pressure Changes in the Lungs
Friday, March 19	11:00 AM–12 Noon	112A/B, Conv. Center	Tough Topics in Chemistry and Physical Science: Chemical Reactions
Friday, March 19	12:30–1:30 PM	112A/B, Conv. Center	Tough Topics in Biology: Circulatory Physiology
Friday, March 19	12:30–1:30 PM	113A, Conv. Center	Tough Topics in Physics and Physical Science: Circuits
Friday, March 19	2:00–3:00 PM	112A/B, Conv. Center	Advanced Placement® Chemistry: Determining the Rate Constant of a Chemical Reaction
Friday, March 19	2:00–3:00 PM	113A, Conv. Center	Renewable Energy Exploration: Solar Energy and Photovoltaic Cells
Friday, March 19	3:30–4:30 PM	113A, Conv. Center	Tough Topics in Elementary School Science: What Is a Circuit?
Friday, March 19	3:30–4:30 PM	112A/B, Conv. Center	Advanced Placement® Environmental Science: Modeling an Ecosystem
Friday, March 19	5:00–6:30 PM	Room 114, Conv. Center	PASCO Presents the Eighth-Annual Just Physics Evening
Saturday, March 20	8:00–9:00 AM	112A/B, Conv. Center	Tough Topics in Earth Science: Plate Tectonics with My World GIST™
Saturday, March 20	8:00–9:00 AM	113A, Conv. Center	Advanced Placement® Physics: Momentum and Impulse
Saturday, March 20	9:30–10:30 AM	113A, Conv. Center	Tough Topics in Earth Science: Greenhouse Gases
Saturday, March 20	9:30–10:30 AM	112A/B, Conv. Center	Advanced Placement® Biology: Investigating Mitochondrial Genetics, A Novel Approach to AP® Biology Lab 6

### Pearson (Booth #1405)

Thursday, March 18	7:30–9:00 AM	113C, Conv. Center	Explore the Next Generation of Instructional Technology on Biology.com
Thursday, March 18	7:30–9:00 AM	113B, Conv. Center	Inquiry in the Classroom
Thursday, March 18	9:30–11:00 AM	113B, Conv. Center	From Science to Engineering
Thursday, March 18	9:30–11:00 AM	113C, Conv. Center	Green Approaches to Inquiry in the Chemistry Classroom
Thursday, March 18	11:30 AM–1:00 PM	113B, Conv. Center	What’s at the Heart of Science Teaching? Inquiry, Evidence, and Thinking!
Thursday, March 18	11:30 AM–1:00 PM	113C, Conv. Center	The Next Generation of Physical Science Virtual Labs—No Cleanup Required!
Thursday, March 18	1:30–3:00 PM	113B, Conv. Center	Planet Diary: Using Current Events to Engage Your Grades K–8 Students in Science
Thursday, March 18	1:30–3:00 PM	113C, Conv. Center	Methods and Resources to Improve Scores on the AP* Chemistry Exam
Thursday, March 18	3:30–5:00 PM	113B, Conv. Center	The Digital Path and New Media Literacies for K–8
Thursday, March 18	3:30–5:00 PM	113C, Conv. Center	The Next Generation of Life Science Virtual Labs—No Cleanup Required!
Friday, March 19	8:00–9:30 AM	113B, Conv. Center	Save the World! Earth Science for Today’s Classroom
Friday, March 19	10:00–11:30 AM	113B, Conv. Center	New Tools, New Insights, and New Ways of Understanding Science with Miller & Levine <i>Biology</i>
Friday, March 19	12 Noon–1:30 PM	113B, Conv. Center	Increasing Physics Enrollments
Friday, March 19	2:00–3:30 PM	113B, Conv. Center	The Big Questions of Science! Starting with the End in Mind Using Understanding by Design
Friday, March 19	4:00–5:30 PM	113B, Conv. Center	Real Issues, Real Data, Real Choices: Teaching Environmental Science in Today’s High School
Saturday, March 20	8:00–9:30 AM	113B, Conv. Center	The Origin After 150 Years: Teaching the Science of Darwin’s Great Idea in a Climate of Controversy

### Pearson, cont.

Saturday, March 20	10:00–11:30 AM	113B, Conv. Center	What's Up with the Flu? The Ecology and Evolution of Infectious Disease Come to Life
Saturday, March 20	12 Noon–1:30 PM	113B, Conv. Center	Untamed Science! How to Make Your Own Science Videos from Scratch

### SAE International (Booth #617)

Friday, March 19	4:00–5:30 PM	103C, Conv. Center	A World In Motion: The Elementary Design Experience
Saturday, March 20	8:00–9:30 AM	103C, Conv. Center	A World In Motion: The Middle School Design Experience

### Sargent-Welch (Booth #1629)

Thursday, March 18	1:30–3:00 PM	104A/B, Conv. Center	Hand Jive of Hands-On Chemistry
Friday, March 19	12 Noon–1:30 PM	104A/B, Conv. Center	ScholAR's Got a Brand-new Bag
Friday, March 19	2:00–3:30 PM	104A/B, Conv. Center	There's Nothing Cheesy About the Scientific Method
Saturday, March 20	10:00–11:30 AM	106A/B, Conv. Center	Sing Along with Safety in the Science Classroom
Saturday, March 20	12 Noon–1:30 PM	104A/B, Conv. Center	Top 10 Countdown: Biotechnology Modules
Saturday, March 20	2:00–3:30 PM	104A/B, Conv. Center	Start or Improve Your Biotechnology Program
Saturday, March 20	2:00–3:30 PM	106A/B, Conv. Center	Hand Jive of Hands-On Chemistry
Saturday, March 20	4:00–5:30 PM	106A/B, Conv. Center	An Exclusive Engagement with NEW Cenco AP Physics Labs

### Science Kit & Boreal Laboratories (Booth #1727)

Thursday, March 18	7:30–9:00 AM	104A/B, Conv. Center	Boppin' with Bloops: Groovy Genetics
Thursday, March 18	9:30–11:00 AM	104A/B, Conv. Center	Stuck in the Middle with You
Friday, March 19	4:00–5:30 PM	104A/B, Conv. Center	Getting' Funky with the Fundamentals of Physics
Saturday, March 20	8:00–9:30 AM	106A/B, Conv. Center	Stuck in the Middle with You
Saturday, March 20	10:00–11:30 AM	104A/B, Conv. Center	Getting' Funky with the Fundamentals of Physics
Saturday, March 20	12 Noon–1:30 PM	106A/B, Conv. Center	Middle School Spectroscopy: Visualizing the Spectrum
Saturday, March 20	4:00–5:30 PM	104A/B, Conv. Center	Dancin' DNA on a Chain

### Simulation Curriculum Corp. (Booth #741)

Thursday, March 18	1:30–3:00 PM	110A/B, Conv. Center	Pluto and the Dwarf Planets: A Celestial Rock Group!
Friday, March 19	2:00–3:30 PM	110A/B, Conv. Center	The Sky Through the Ages!
Saturday, March 20	12 Noon–1:30 PM	110A/B, Conv. Center	The Layered Earth!

### Society for Neuroscience (Booth #1852)

Saturday, March 20	12 Noon–1:30 PM	304, Conv. Center	Neuroscience Core Concepts: The Basic Principles of Learning and Ways to Teach Effectively
Saturday, March 20	2:00–3:30 PM	304, Conv. Center	Neuromyth Busters

### Spitz, Inc. (Booth #641)

Thursday, March 18	11:00 AM–12 Noon	Booth #641, Conv. Ctr.	Moon Phases: Teaching in an Immersive Environment
Thursday, March 18	3:00–4:00 PM	Booth #641, Conv. Ctr.	Moon Phases: Teaching in an Immersive Environment
Friday, March 19	11:00 AM–12 Noon	Booth #641, Conv. Ctr.	Moon Phases: Teaching in an Immersive Environment
Friday, March 19	3:00–4:00 PM	Booth #641, Conv. Ctr.	Moon Phases: Teaching in an Immersive Environment
Saturday, March 20	11:00 AM–12 Noon	Booth #641, Conv. Ctr.	Moon Phases: Teaching in an Immersive Environment
Saturday, March 20	3:00–4:00 PM	Booth #641, Conv. Ctr.	Moon Phases: Teaching in an Immersive Environment

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### Swift Optical Instruments, Inc. (Booth #823)

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Friday, March 19	2:00–3:30 PM	203B, Conv. Center	It's Easy to Go Digital!
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### Vandalia Science Education (Booth #1720)

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Saturday, March 20	12 Noon–1:30 PM	202B, Conv. Center	Mystery of Lyle and Louise Questioned Documents Analysis
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### Vernier Software & Technology (Booth #1417)

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Thursday, March 18	8:00–9:30 AM	202A, Conv. Center	Chemistry with Vernier
Thursday, March 18	8:00–9:30 AM	202B, Conv. Center	Forensics with Vernier
Thursday, March 18	10:00–11:30 AM	202B, Conv. Center	What's New at Vernier?
Thursday, March 18	10:00–11:30 AM	202A, Conv. Center	Biology with Vernier
Thursday, March 18	12 Noon–1:30 PM	202A, Conv. Center	K–8 Science with Vernier
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Thursday, March 18	2:00–3:30 PM	202B, Conv. Center	Advanced Logger Pro and LabQuest
Thursday, March 18	2:00–3:30 PM	202A, Conv. Center	Using Inquiry in Environmental Science and Biology with Vernier
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Friday, March 19	12 Noon–1:30 PM	202B, Conv. Center	Video Analysis with Vernier
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Saturday, March 20	12 Noon–1:30 PM	202A, Conv. Center	Inquiry Chemistry with Vernier
Saturday, March 20	2:00–3:30 PM	202A, Conv. Center	Human Physiology with Vernier

### WARD's Natural Science (Booth #1826)

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Thursday, March 18	11:30 AM–1:00 PM	104A/B, Conv. Center	Iron Teacher
Thursday, March 18	3:30–5:00 PM	104A/B, Conv. Center	Forensics Jukebox
Friday, March 19	8:00–9:30 AM	104A/B, Conv. Center	A Watershed Performance: Modeling Wetlands
Friday, March 19	10:00–11:30 AM	104A/B, Conv. Center	Blood Spatter Symphony
Friday, March 19	7:00–9:30 PM	Grand Salon H, Marriott	A Night of Forensics: The Red Carpet Mystery
Saturday, March 20	8:00–9:30 AM	104A/B, Conv. Center	Dissection Disco

### Water Environment Federation (Booth #1904)

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Saturday, March 20	8:00–11:00 AM	108B, Conv. Center	Stream Assessment: An Active, Integrated Approach to Science Learning
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### Wavefunction, Inc. (Booth #815)

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Thursday, March 18	9:30–11:00 AM	203A, Conv. Center	Learning Chemistry with Software for Molecular-Level Visualization
Thursday, March 18	11:30 AM–1:00 PM	203A, Conv. Center	Teaching AP Chemistry with Molecular-Level Visualization and Simulation Tools
Thursday, March 18	1:30–3:00 PM	203A, Conv. Center	Learning Chemistry with Software for Molecular-Level Visualization
Friday, March 19	10:00–11:30 AM	203A, Conv. Center	Teaching AP Chemistry with Molecular-Level Visualization and Simulation Tools



### WNET.ORG (Booth #2025)

Saturday, March 20      10:00–11:30 AM      202B, Conv. Center      Tapping The Music Instinct

### Wright Group/McGraw-Hill (Booth #531)

Thursday, March 18      3:30–5:00 PM      105A/B, Conv. Center      Literacy Strategies in the Sciences



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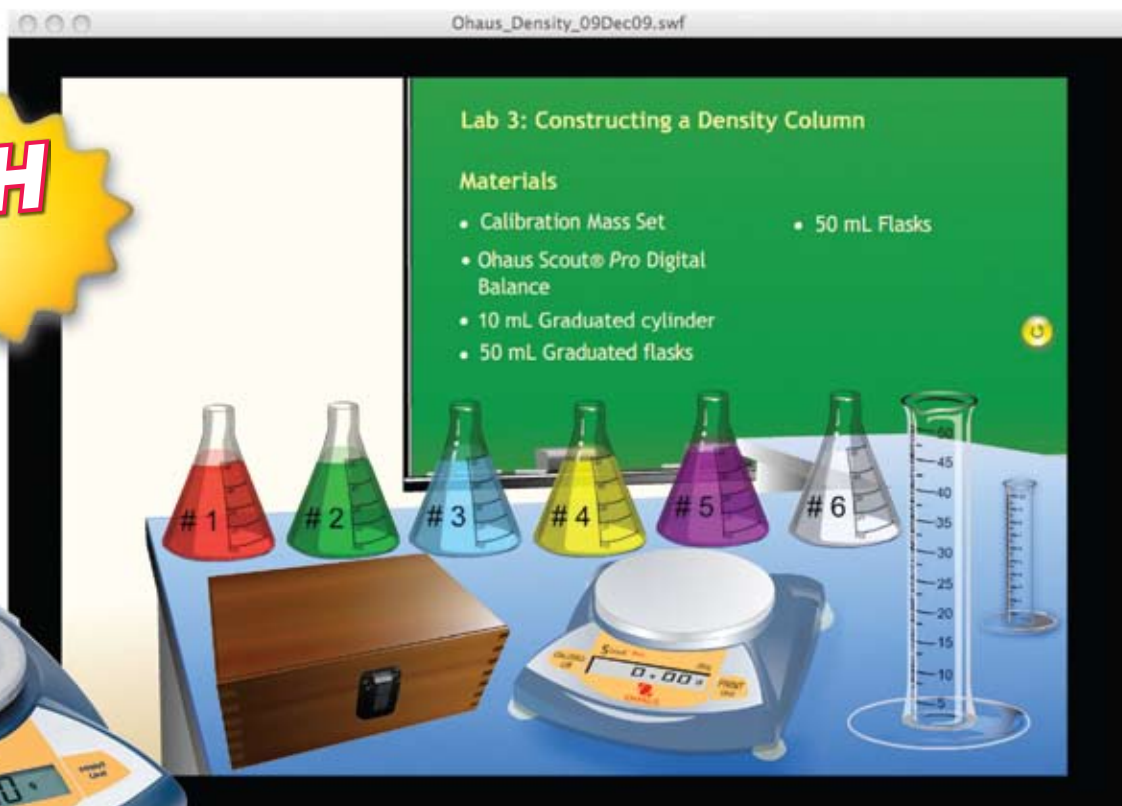




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