

NSTA 2012 National Conference on Science Education

INDIANAPOLIS



Neil Armstrong  
BS Aeronautical Engineering 1955  
Honorary Doctorate 1970

4

Exhibitors

AT THE CROSSROADS  
FOR SCIENCE EDUCATION

**NSTA**  
National Science Teachers Association

Wherever your students learn science,  
they can use TI-Nspire™ technology.



With TI, you can now offer every student a one-to-one science learning experience every day in the classroom, lab and field. TI-Nspire™ CX handhelds are permitted on many college entrance exams and compatible with more than 50 Vernier Software & Technology™ data collection sensors. TI's interactive science classroom also includes TI-Nspire™ Student Software for creating dynamic lab reports, powerful assessment tools and an extensive library of free customizable online lessons. Learn more at [education.ti.com/us/science](http://education.ti.com/us/science).

» Visit TI Booth #336. Attend a TI in-booth session or TI-sponsored exhibitor workshop for your chance to win\* a TI-Nspire CX handheld and TI-Nspire™ Teacher Software.



Your Passion. Our Technology. Student Success.™

\*See contest rules at the TI booth.

© 2012 Texas Instruments AD11482



**CUSTOMIZED CURRICULUM SOLUTIONS K-8**

*Partnering with you, creating successful outcomes*

**Hands-On, Inquiry-Based Instruction**

- Developed by leading science educators from Lawrence Hall of Science and Delta Education

**Engaging Content Literacy**

- The greatest range of informational text to support student understanding

**Easy Teacher Planning and Preparation**

- Easy to use Teacher Guides that make materials preparation better for all teachers
- Customized Professional Development plans that meet your needs

**INCREASED ACHIEVEMENT**

*With a Delta Education Science Solution, your students' scores will soar*

*Contact your local Sales Representative to begin customizing a solution TODAY.*



**800-258-1302**  
**[www.DeltaEducation.com](http://www.DeltaEducation.com)**



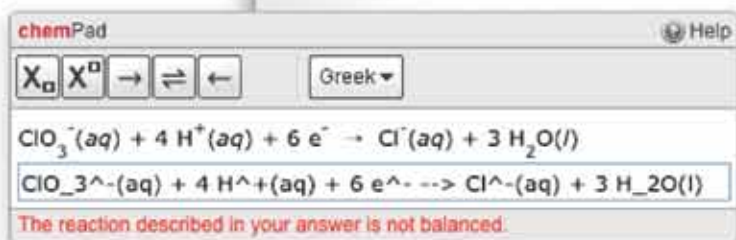
# BETTER SCIENCE.

## A BETTER WEBASSIGN FOR HIGH SCHOOL.

WebAssign is the only online homework system that is supported by every major science textbook publisher. That's good. Now we've added even more innovative tools to bring you the ultimate learning environment for science. That's better.

Welcome to a better WebAssign. There are new tools—including chemPad, that lets students enter notations easily while providing in depth feedback. There are more books, over 500 from every major publisher. And there's more server capacity with an expanded support team just waiting to serve you and over 3 million loyal WebAssign users. It's the culmination of a team-wide effort to build the best WebAssign ever.

Better science. It's available now and it's free to faculty at WebAssign.net. Now what could be better than that?



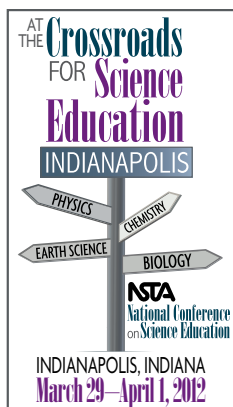
*chemPad lets students enter notation easily and gives over 150 lines of intelligent feedback.*



Visit [www.webassign.net](http://www.webassign.net) to sign up for your free faculty account today.

*"WebAssign is an extraordinarily powerful tool in facilitating my students' learning and preserving my sanity."*

— Richard Piccioni, Garfield HS



# NSTA 60th National Conference on Science Education

Indianapolis, Indiana • March 29–April 1, 2012

## Volume 4 Exhibitors

Exhibitor List.....	9
Index of Exhibitor Workshops.....	58
Index of Advertisers.....	72

**Cover Photo:** Bronze sculpture of astronaut Neil Armstrong in front of the Neil Armstrong Hall of Engineering on Purdue’s West Lafayette campus. Photo courtesy of Purdue University.



The environment is important to science educators. These programs are recyclable and were printed on recycled paper.

# SAT Subject Tests™ = Opportunity

## SAT Subject Tests™ are just around the corner!

The SAT Subject Tests™ in Biology, Chemistry and Physics can help your students stand out on their college applications.

Come to booth #2450 to find out what's on the tests and how colleges use them. Plus, you can sign up to get your FREE copy of the *Teachers Guide to the SAT Subject Tests in Science*.

[www.SATSubjectTests.org/teachers](http://www.SATSubjectTests.org/teachers)

Visit Booth #2450!

MATH

HISTORY

SCIENCE

LITERATURE

LANGUAGES

NSTA would like to thank the following exhibitors for their generous contributions to help make the **NSTA 2012 National Conference on Science Education** a big success and an added benefit to our attendees.



[www.carolina.com](http://www.carolina.com)

- Carolina Biological Supply Co.  
**Booth #100** [www.carolina.com](http://www.carolina.com)  
Sponsored First-Timers morning session.



- The Children's Museum of Indianapolis  
**Booth #2172** [www.childrensmuseum.org](http://www.childrensmuseum.org)  
Provided complimentary admission tickets to their museum and promoted Science Rocks!



- Discovery Dome  
**Booth #757** [www.discoverydome.com](http://www.discoverydome.com)  
Provided badge holders.



- GEICO  
**Booth #1772** [www.geico.com](http://www.geico.com)  
Sponsored GEICO/NSTA New Member Orientation.



- Kendall Hunt Publishing Co.  
**Booth #1447** [www.kendallhunt.com](http://www.kendallhunt.com)  
Sponsored Preservice and New Teachers Breakfast (M-2).



- National Geographic Learning  
**Booth #1033** [www.ngsp.com](http://www.ngsp.com)  
Sponsored General Session speaker Tim Samaras and Elementary Extravaganza.



- Pearson  
**Booth #553** [www.pearson.com](http://www.pearson.com)  
Provided attendee bags and sponsored NSTA President's International Reception.



- Your Passion. Our Technology. Student Success.™
- Texas Instruments  
**Booth #336** [www.education.ti.com](http://www.education.ti.com)  
Provided student volunteer T-shirts.

...ings  
...t As  
...alance.



...High School, ...  
...Action, ...  
...the ...



...red from Carolin  
...uld be here by no

...y lets," you know that get  
...g. If they don't know what an  
...understand. On every day I  
...not be providing the ...  
...in year after year. Other ...

...rder from Carolin

Supply Compa  
...umma, Oregon

HOW TO  
TEACH  
THE NEXT  
GENERATION



SCORE

...the ...  
...the ...  
...the ...



...the ...  
...the ...  
...the ...

...the ...  
...the ...  
...the ...

...the ...  
...the ...  
...the ...

...the ...  
...the ...  
...the ...

...the ...  
...the ...  
...the ...

...the ...  
...the ...  
...the ...

...the ...  
...the ...  
...the ...

...the ...  
...the ...  
...the ...

...the ...  
...the ...  
...the ...

...the ...  
...the ...  
...the ...

...the ...  
...the ...  
...the ...

LONG-TERM ADVERTISERS —

YOU MAKE A DIFFERENCE.

NSTA APPRECIATES YOUR CONTINUED SUPPORT!





WE  
SALUTE  
YOUR  
CONTRIBUTIONS  
TO  
SCIENCE  
EDUCATION

*Thank You!*



SEE THE  
SOLUTION  
BEHIND THE  
SOLUTION



[www.solutionism.com](http://www.solutionism.com) ©™ The DOW Diamond Logo, the Human Element and design, and Solutionism and design are trademarks of The Dow Chemical Company © 2012.  
ALBERT EINSTEIN and related rights ™/© of Hebrew University of Jerusalem, used under license. Represented exclusively by GreenLight.

## THE GENIUS OF SMART.

Dow solutions are used in the production of 95% of the world's smart devices. From more vivid colors, to more speed to more capabilities in less space, it's how smart becomes brilliant. Together, the elements of science and the human element can solve anything. **Solutionism. The new optimism.™**



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

Biology/Life Science	B
Chemistry/Physical Science	C
Earth/Space Science	EA
Environmental Science	EN
Integrated/General Science	G
Physics/Physical Science	PH
Professional Development	PD
Technology Education	T



Rosetta denotes an NSTA Platinum or Silver Lead Vendor Partner for The John Glenn Center for Science Education.

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



**3D Molecular Designs & MSOE Center for BioMolecular Modeling** #2152 B, C

1050 N. Market, Suite CC130A  
Milwaukee, WI 53202  
Phone: 414-774-6562  
E-mail: [dianeherman3dmd@wi.rr.com](mailto:dianeherman3dmd@wi.rr.com)  
Website: [www.3dmoleculardesigns.com](http://www.3dmoleculardesigns.com)

See our new products such as our Insulin MRNA to Protein Kit, DNA Starter Kit, posters, as well as customers' favorites: Amino Acid Starter Kit, DNA Discovery Kit, and Water Kit. 3D Molecular Designs and MSOE Center for BioMolecular Modeling (CBM) involve educators in developing kits and supporting materials. The CBM provides professional development to educators.

**A.D.A.M. Education a Division of Ebix Health** #2054 B, T

10 10th St. NE, Suite 500 6-12, College  
Atlanta, GA 30309  
Phone: 404-604-2757, x1004  
E-mail: [jenelle.giancola@ebix.com](mailto:jenelle.giancola@ebix.com)  
Website: [www.adameducation.com](http://www.adameducation.com)

A.D.A.M. Education is the leading provider of innovative digital content and interactive curriculum resources used in classrooms inter-

nationally for teaching and learning about the human body. With teams of educators, industry professionals, and subject matter experts, we've developed products providing in-depth, compelling information to increase retention for difficult subject matters.

**AAAS Science NetLinks** #1975 G, PD K-12  
1200 New York Ave. NW  
Washington, DC 20005  
Phone: 202-326-6400  
E-mail: [snl@aaas.org](mailto:snl@aaas.org)  
Website: [www.sciencenetlinks.com](http://www.sciencenetlinks.com)

Science NetLinks is produced by the American Association for the Advancement of Science (AAAS). Science NetLinks provides a wealth of standards-aligned science resources for K-12 educators and students, including lesson plans, interactives, podcasts, and news. All of Science NetLinks' resources are free so be sure to come by the booth or check us out at [www.sciencenetlinks.com](http://www.sciencenetlinks.com).

**Academy of Model Aeronautics** #2173  
5161 E. Memorial Dr.  
Muncie, IN 47302  
Phone: 765-287-1256  
E-mail: [aprilh@modelaircraft.org](mailto:aprilh@modelaircraft.org)  
Website: [www.modelaircraft.org](http://www.modelaircraft.org)

Engage in STEM activities by flying model aircraft in your classroom! AeroLab workshops feature simple foam and balsa airplanes—platforms for lessons in applied middle school physics. Using a “flying wind tunnel” for pre-engineering and inquiry-based investigations, students manipulate variables to design airplanes and document success. Walk away with activities you can use on Monday!

**Achieve3000** #1557 T 2-12  
1091 River Ave.  
Lakewood, NJ 08701  
Phone: 732-367-5505  
E-mail: [courtney.mazzerina@achieve3000.com](mailto:courtney.mazzerina@achieve3000.com)  
Website: [www.achieve3000.com](http://www.achieve3000.com)

Kidbiz3000, Teenbiz3000, and Empower3000 are reading programs for grades 2-12 that improve literacy skills through differentiated instruction. They deliver daily nonfiction, standards-based reading content that is precisely matched to each student's individual learning profile. Our solutions are based on decades of scientific research and are proven to dramatically improve high-stakes test performance.

## Exhibitors

**ACS Publications** #1352  
1155 16th St. NW PD  
Washington, DC 20036  
Phone: 202-872-4600  
Website: <http://pubs.acs.org>

The *Journal of Chemical Education* is the world's premier resource for educators to access peer-reviewed articles, news, commentary, laboratory experiments, and classroom activities for more than 85 years. Visit [pubs.acs.org/jce](http://pubs.acs.org/jce) for a free 2012 sample issue, a list of classroom activities, or to browse articles. Visit our booth for a free gift!

**Adam Equipment Inc.** #959  
26 Commerce Dr. B, C, EA, EN, G, PH, T  
Danbury, CT 06810 5-12, College  
Phone: 203-790-4774  
E-mail: [sales@adamequipment.com](mailto:sales@adamequipment.com)  
Website: [www.adamequipment.com](http://www.adamequipment.com)

Adam will be showing their line of student-friendly, teacher-reliable balances. Stop by to see them for yourself and play Adam's "Weathering the Elements" game to win FREE balances and other prizes! Be sure to register for one of our workshop sessions demonstrating fun and easy experiments.

**Adaptive Curriculum** #1367  
1475 N. Scottsdale Rd., #120 All  
Scottsdale, AZ 85257 6-12  
Phone: 480-874-5500  
E-mail: [info@adaptivecurriculum.com](mailto:info@adaptivecurriculum.com)  
Website: [www.adaptivecurriculum.com](http://www.adaptivecurriculum.com)

Adaptive Curriculum is an award-winning instructional solution that builds middle and high school math and science mastery through rich multimedia, real-world scenarios, and proven research-based pedagogy. It is an online, standards-based math and science curriculum that adapts to anyone's teaching style as well as meets students at their level of learning.

**AIA Team America Rocketry Challenge** #2437  
1000 Wilson Blvd., Suite 1700 EA, PH  
Arlington, VA 22209 7-12  
E-mail: [rocketcontest@aia-aerospace.org](mailto:rocketcontest@aia-aerospace.org)  
Website: [www.rocketcontest.org](http://www.rocketcontest.org)

Aerospace Industries Association (AIA) is an advocate of math and science education to promote scientists, engineers, and technicians for America's aerospace workforce. Since 2003,

AIA has sponsored the Team America Rocketry Challenge where students design, build, and fly a model rocket that hits and returns from an altitude of 800 feet in less than 47 seconds with two raw eggs intact.

**AIMS Education Foundation** #1758  
1595 S. Chestnut Ave. B, EA, EN, G  
Fresno, CA 93702 K-9  
Phone: 888-733-2467  
E-mail: [bajfields@aimsedu.org](mailto:bajfields@aimsedu.org)  
Website: [www.aimsedu.org](http://www.aimsedu.org)

AIMS Education Foundation develops curricula for K-9 using hands-on activities, which focuses on math and science investigations.

**Aldon Corp.** #1432  
221 Rochester St. B, C, EA, G, T  
Avon, NY 14414 7-12, College  
Phone: 800-724-9877  
E-mail: [info@aldon-chem.com](mailto:info@aldon-chem.com)  
Website: [www.aldon-chem.com](http://www.aldon-chem.com)

Aldon develops and manufactures Innovating Science™ educational labs for chemistry, life science, environmental science, and forensics science classrooms.

**American 3B Scientific** #939  
2189 Flintstone Dr., Suite O  
Tucker, GA 30084  
Phone: 770-492-9111  
E-mail: [sales@a3bs.com](mailto:sales@a3bs.com)  
Website: [www.a3bs.com](http://www.a3bs.com)

3B Scientific specializes in manufacturing didactic material for scientific, medical, and patient education. Being represented in more than 100 countries worldwide, 3B Scientific is known as a leader in education and experience. 3B stands for what we are proud to offer our customers: **Best** quality, **Best** value, **Best** service!

**American Association for Laboratory Animal Science** #2257  
9190 Crestwyn Hills Dr. B, G  
Memphis, TN 38125 PreK-12, College  
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 an association of professionals employed in academia, government, and private industry who are dedicated to the humane care of laboratory animals, as well as

the quality research that benefits people and animals. AALAS provides educational materials, certification programs for laboratory animal technicians and managers, scholarly journals, research grants, and serves as the premier forum for the exchange of information and expertise in the care and use of laboratory animals.

**American Association of Physics Teachers (AAPT)** #2169  
One Physics Ellipse EA, EN, G, PH  
College Park, MD 20740 6-12, College  
Phone: 301-209-3306  
E-mail: [mgardner@aapt.org](mailto:mgardner@aapt.org)  
Website: [www.aapt.org](http://www.aapt.org)

AAPT is the premier global professional society established to advance the greater good through physics education. With the support of our members worldwide, AAPT is an action-oriented organization designed to develop, improve, and promote best practices for physics education as part of the global need for qualified science, technology, engineering, and mathematics teachers who will inspire tomorrow's leaders and decision makers. Membership is open to teachers seeking physics education resources for preK through graduate school.

**American Association of State Highway Transportation Officials (AASHTO)** #1574  
444 N. Capitol St. NW EA, EN, G  
Washington, DC 20001 PD, T  
Phone: 662-416-1632 K-12  
E-mail: [lclifton@aashto.org](mailto:lclifton@aashto.org)  
Website: [www.trac.net](http://www.trac.net)

TRAC (Transportation and Civil Engineering) and RIDES (Roadway Into Developing Elementary Students) are hands-on programs designed to teach core standards in math and science while introducing students to civil engineering and careers in transportation. The programs are aligned with core standards, 21st-century skills, STEM, and national math and science standards. State Departments of Transportation provide the programs for schools in their respective states as part of their educational outreach program. AASHTO provides training and support for the programs locally.

**American Chemical Society #1346**  
 1155 16th St. NW C, G  
 Washington, DC 20036 K-12, College  
 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. ACS will exhibit textbooks, reference materials, videos, and other materials to supplement the K-12 and college curricula. ACS will also provide information on programs for students and teachers.

**American Educational Products LLC #2267**  
 PO Box 2121 B, C, EA, EN, PH  
 Fort Collins, CO 80521 K-12, College  
 Phone: 970-484-7445  
 E-mail: [csinclair@amep.com](mailto:csinclair@amep.com)  
 Website: [www.amep.com](http://www.amep.com)

Stop by our booth for hands-on science-related kits, models, Earth science materials, NTA Microslides® and viewers, Jewel terraria, lab-ware, and a variety of posters.

**American Geosciences Institute #1734**  
 4220 King St. EA  
 Alexandria, VA 22302 K-12, College  
 Phone: 703-379-2480  
 E-mail: [gac@agiweb.org](mailto:gac@agiweb.org)  
 Website: [www.agiweb.org](http://www.agiweb.org)

The American Geosciences Institute is a nonprofit federation representing more than 250,000 Earth scientists. AGI plays a major role in strengthening Earth science education and strives to increase public awareness of the vital role the geosciences play in society's use of resources, resiliency to natural hazards, and interaction with the environment.

**American Lab Design #1251**  
 PO Box 2351 B, C, EA, PH  
 Daytona Beach, FL 32114  
 Phone: 800-494-3237  
 E-mail: [mikelee.inc@gmail.com](mailto:mikelee.inc@gmail.com)  
 Website: [www.americanlabdesign.com](http://www.americanlabdesign.com)

**American Meteorological Society #1849**  
**Education Program** EA, PD  
 1200 New York Ave. NW, Suite 500 1-12,  
 Washington, DC 20005 College  
 Phone: 202-737-1043  
 E-mail: [amsedu@ametsoc.org](mailto:amsedu@ametsoc.org)  
 Website: [www.ametsoc.org/amsedu](http://www.ametsoc.org/amsedu)

The American Meteorological Society (AMS) Education Program offers content-rich professional development courses and training workshops for teachers in the geosciences. Along with workshops in meteorology (Project ATMOSPHERE) and oceanography (Maury Project), the AMS guides Local Implementation Teams throughout the United States, offering DataStreme Atmosphere, DataStreme Ocean, and DataStreme Earth's Climate System (ECS).

# ARKive

IMAGES OF LIFE ON EARTH



Visit us at **Booth 2331** to see ARKive in action and enter to **win** a very special giveaway!

ARKive is...

- A rapidly growing digital collection of the very best films and photos of the world's threatened species
- A FREE educational resource for all!
- Safely storing media in a centralized digital vault for posterity
- Working urgently to raise the profile of those species most threatened by extinction

WILDSREENUSA

Wildscreen USA is a 501(c)3 non-profit and is proud to be spearheading ARKive in the US.

[www.ARKive.org](http://www.ARKive.org)

## Exhibitors

**American Museum of Natural History** #1256  
B, EA, EN, G, PD  
Central Park West at 79th St.  
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)

For more than 140 years, the American Museum of Natural History has been a beloved New York institution. Now it's time to take the museum's resources to your classroom, including Seminars on Science—six-week online graduate courses for educators; digital education resources from [www.amnh.org](http://www.amnh.org), including videos, interactive activities, and more; *Science Explorations*—engaging magazine features and online investigations produced in collaboration with Scholastic; and *OLogy*—a fun and interactive science website for kids.

**American Physical Society** #2074  
PH  
One Physics Ellipse  
College Park, MD 20740  
K-12  
Phone: 301-209-3206  
E-mail: [thompson@aps.org](mailto:thompson@aps.org)  
Website: [www.physicscentral.com](http://www.physicscentral.com)

The American Physical Society (APS) is the professional society for physicists. Committed to bringing physics to all, the outreach group has something for all ages to make physics fun. From coloring books to comics, we have innovative ways to excite and engage not just students but the public at large. Everything we have is FREE, so stop by and grab some posters and comics!

**American Society for Clinical Pathology** #1474  
B  
33 W. Monroe St., Suite 1600  
Chicago, IL 60603  
6-12, College  
Phone: 312-541-4999  
E-mail: [info@ascp.org](mailto:info@ascp.org)  
Website: [www.ascp.org](http://www.ascp.org)

Through science teachers, the American Society for Clinical Pathology seeks to educate middle school and high school students about the medical laboratory profession. In hospitals, medical laboratory professionals perform high-quality testing that is crucial for physicians to accurately diagnose patients' diseases and determine the right treatments. For students with a mind for science, a career as a medical laboratory professional offers competitive salaries,

plentiful jobs nationwide, and phenomenal opportunities for career advancement. Visit [www.ascp.org](http://www.ascp.org).

**American Society for Microbiology** #1374  
B  
1752 N St. NW  
K-12, College  
Washington, DC 20036  
Phone: 202-942-9299  
E-mail: [education@asmusa.org](mailto:education@asmusa.org)  
Website: [www.asm.org/education](http://www.asm.org/education)

The American Society for Microbiology (ASM) is the largest life science professional organization with more than 43,000 members. The ASM Committee on K-12 Outreach encourages, supports, and recognizes members for outreach in schools and communities. ASM members bring an understanding and appreciation of the microbial world to K-12 teachers and students.

**American Society of Plant Biologists** #2047  
B, EN  
15501 Monona Dr.  
3-12, College  
Rockville, MD 20855  
Phone: 301-251-0560  
E-mail: [info@aspb.org](mailto:info@aspb.org)  
Website: [www.aspb.org](http://www.aspb.org)

The American Society of Plant Biologists presents hands-on, inquiry-based plant biology activities ready for use in K-12 and college classrooms. Meet front-line plant biology researchers and educators to discover and discuss fun, thoughtful lab and classroom activities using plants to teach important principles of biology.

**American Veterinary Medical Association** #1754  
B  
1931 N. Meacham Rd., Suite 100  
Schaumburg, IL 60173  
PreK-12, College  
Phone: 800-248-2862  
E-mail: [lpikel@avma.org](mailto:lpikel@avma.org)  
Website: [www.avma.org](http://www.avma.org)

Founded in 1863, the American Veterinary Medical Association is the world's oldest and largest veterinary medical organization. Stimulate student interest in science careers by helping them discover the diverse opportunities in veterinary medicine from biomedical research to clinical practice. Take home sample materials ranging from coloring books to brochures on veterinary careers and animal health.

**Anatomology** #1728  
B, C  
911 Adelaine Ave.  
South Pasadena, CA 91030  
College  
Phone: 800-971-7905  
E-mail: [sales@anatomology.com](mailto:sales@anatomology.com)  
Website: [www.anatomology.com](http://www.anatomology.com)

Anatomology specializes in science-based gifts, molecular structure jewelry, anatomy jewelry, micrographs, atom jewelry, spiders on drugs, and much more.

**Anatomy in Clay® Learning System** #1027  
B  
2198 W. 15th St.  
7-12, College  
Loveland, CO 80538  
Phone: 800-950-5025  
E-mail: [info@anatomyinclay.com](mailto:info@anatomyinclay.com)  
Website: [www.anatomyinclay.com](http://www.anatomyinclay.com)

The Anatomy in Clay Learning System is a kinesthetic, hands-on method for teaching and learning anatomy. Truly understand 3-D structure of the human body by building muscles and body systems on a specially designed Maniken® model. This system is fun, engaging, and proven successful by increasing test scores and retention.

**Animal Welfare Institute (AWI)** #1974  
B  
900 Pennsylvania Ave. SE  
Washington, DC 20003  
Website: [www.awionline.org](http://www.awionline.org)

AWI's mission for more than 50 years has been to better the lives of all animals, from improving the welfare of animals on farms to protecting wildlife on land and in the sea. We have many materials for the classroom and are interested in working with teachers to create an animal-friendly biology curriculum.

**Animalearn** #2339  
B, G, T  
801 Old York Rd., Suite 204  
Jenkintown, PA 19046  
K-12, College  
Phone: 215-887-0816  
E-mail: [info@animalearn.org](mailto:info@animalearn.org)  
Website: [www.animalearn.org](http://www.animalearn.org)

Stop by Animalearn's booth to see the latest alternatives to animal dissection, including a lifelike frog model, which students can dissect like a real specimen! Animalearn's The Science Bank is the largest FREE lending program of more than 500 new and innovative software programs, realistic models, and educational products for life science classrooms.

# The science content you need at the reading level your students need.

**DeltaScience  
ContentReaders™**

Visit us  
at booth  
947

## *Perfect for thematic sets!*

Delta Science Content Readers are 24-page nonfiction student books with informative, engaging text and full-color photos and illustrations.

*Each title is available in two editions:*

### **RED EDITION**

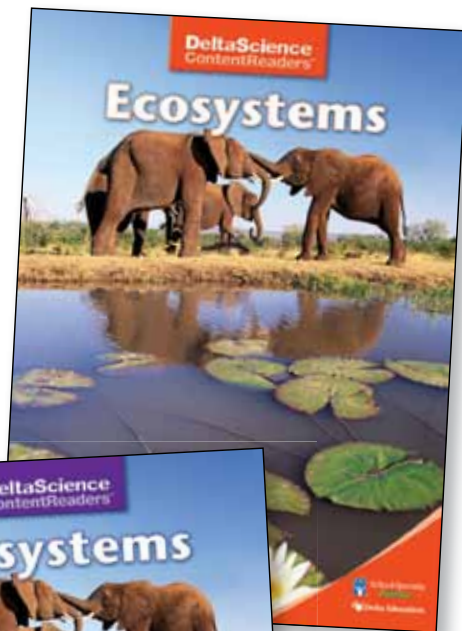
for grade 3–4 reading level.

### **PURPLE EDITION**

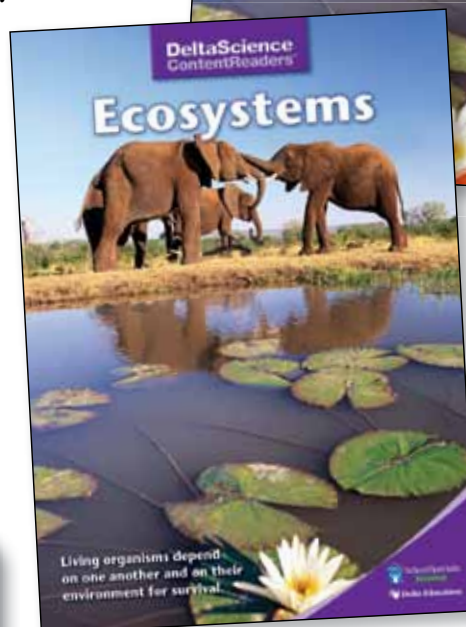
for grade 4–5 reading level.

*Both editions share:*

- The same **key science content**
- The same science **vocabulary**
- The same **science and literacy support**

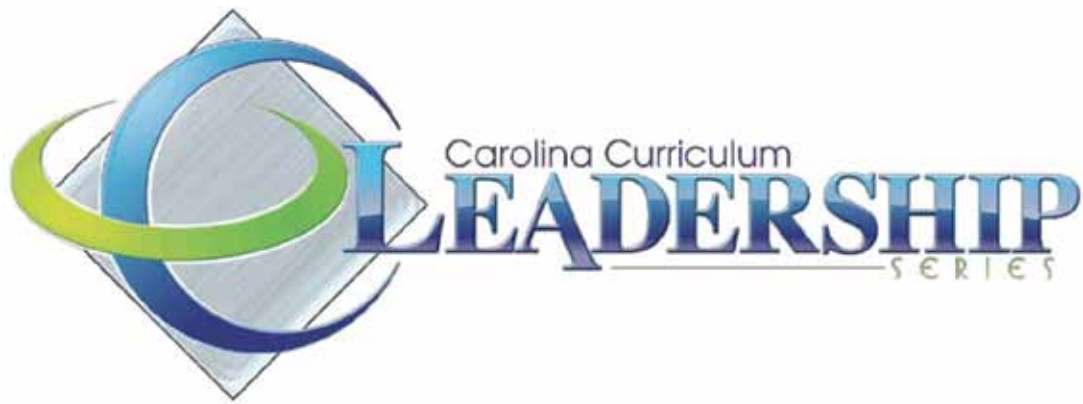


*Red Edition*



*Purple Edition*

**The same science content  
at TWO reading levels!**



## Concerned about **STEM, Next Generation, Engineering, and Common Core?**

Please join a team of noted educators who've successfully implemented STEM-oriented curricula in their school districts.

### **Carolina Curriculum Leadership Series**

NSTA National Conference

Room 143, Indiana Convention Center

March 29–30, 2012

#### **These sessions are filled with relevant information:**

- Proven tips and techniques for implementing STEM and Next Generation programs that integrate engineering practices
- Strategies for integrating literacy and notebooking into science and math instruction
- Insights into managing change at the district level for increasing student performance and achievement

### **Thursday, March 29, 2012**

---

#### **An Invitation: Getting Started with the Next Generation Science Framework**

**Dr. Anne Grall Reichel**

**9:30 AM–11:00 AM**

**(Grades E, M)**

From cross-cutting concepts to scientific and engineering practices, explore strategies and approaches that will bring the Next Generation Science Framework to life in your classroom.

*Anne Grall Reichel*, a faculty member of Lake Forest College, wrote *Expect More: Children Can Do Remarkable Things*.

#### **Engineering in the Elementary and Middle School Classroom:**

##### **Opportunities for Integrating Across Your Curriculum**

**Dr. Ann P. McMahon**

**11:30 AM–1:00 PM**

**(Grades E, M)**

Learn to integrate engineering design across your curriculum, develop collaboration skills in your students, and translate engineering processes into classroom best practices.

*Ann P. McMahon* was co-principal investigator of a Local Systemic Change Initiative in the Midwest.

#### **Integrating Literacy Strategies into Science Instruction**

**Terri Sessoms**

**1:30 PM–3:00 PM**

**(Grades E, M)**

Explore ways to provide students with opportunities to use language while solving meaningful problems. These skills lead to better understanding in writing, speaking, and reading science.

*Terri Sessoms* won Johnston County's (NC) Teacher of the Year award and the James B. Hunt Outstanding Teacher Award.



Friday, March 30, 2012

---

**The Science and Writing Connection:** 8:00 AM–9:30 AM  
**Increasing Achievement of Diverse Learners in Both Domains** (Grades E, M)

***Betsy Rupp Fulwiler with Kirsten Nesholm and Ana Crossman***

Through hands-on investigation, video, and discussion, learn a research-based approach that integrates inquiry-centered science with graphic organizers, word banks, and writing frames.

*Betsy Rupp Fulwiler* developed the Expository Writing and Science Notebooks Program for the Seattle Public Schools.

**A Natural Fit: Scientific Inquiry and the Integration of Reading and Writing** 10:00 AM–11:30 AM  
**to Address Common Core Standards** (Grades E, M)

***Dr. Anne Grall Reichel***

Explore the possibilities for the integration of inquiry-based science with reading and writing, and leave with classroom strategies to meet the demands of Common Core Standards.

*Anne Grall Reichel*, a faculty member of Lake Forest College, wrote *Expect More: Children Can Do Remarkable Things*.

**Mathematics + Literacy + the Common Core** 12:00 PM–1:30 PM  
***Dr. Jennifer L. Altieri*** (Grades E, M)

Learn to foster elementary students' literacy growth and strengthen their mathematical knowledge. This session will focus on mathematics standards and ELA Common Core State Standards.

*Jennifer L. Altieri* is the Division of Literacy Education coordinator in The Citadel's School of Education.

**Moving Towards Inquiry: Managing Change in Your District** 2:00 PM–3:30 PM  
***Mark Cheney with Amber Farthing*** (Grades E, M, H)

Using change research can be important to a district's plan. Discover how two regions in Washington State established and have sustained inquiry-based science programs since 1999.

*Mark Cheney*, co-director of the Heritage 105 Project, developed the South Central Washington LASER Alliance.

**Save Time.**

**Sidestep Problems.**

You'll get the benefit of personal experience as to what works—and what to avoid as you move forward.

Learn more now, and mark your calendar for all the workshops you want to attend at:

[www.CarolinaCurriculum.com/Leadership](http://www.CarolinaCurriculum.com/Leadership)



## Exhibitors

**Annenberg Learner** #973  
1301 Pennsylvania Ave. NW, Suite 302 EN,  
Washington, DC 20004 PH, PD  
Phone: 202-783-0500 PreK–12, College  
Website: [www.learner.org](http://www.learner.org)

Visit Annenberg Learner for science learning at every level—interactive learning modules, video content for instruction, and pedagogy for professional development. Our newest resource, *Neuroscience & the Classroom*, provides insights into how your students learn. At [www.learner.org](http://www.learner.org) you will find everything you need to improve your teaching in science.

**Apperson Education Products** #1056  
851 S.W. 34th St., Bldg. B T  
Renton, WA 98057 K–12  
Phone: 800-827-9219  
E-mail: [dspaulding@appersonprint.com](mailto:dspaulding@appersonprint.com)  
Website: [www.appersonedu.com/go/nsta12](http://www.appersonedu.com/go/nsta12)

Apperson offers test-scoring solutions for both the classroom and district levels. Combine any Apperson scanner with our FREE DataLink software and gain immediate access to data-rich reports. Contact us to register for a free, no-risk 30-day trial.

**AquaPhoenix Education** #1946  
Nine Barnhart Dr. C, G, PH, T  
Hanover, PA 17331 K–12, College  
Phone: 877-401-1782  
E-mail: [education@aquaphoenixsci.com](mailto:education@aquaphoenixsci.com)  
Website: [www.aquaphoenixeducation.com](http://www.aquaphoenixeducation.com)

AquaPhoenix Education is a manufacturer specializing in custom kitting, packaging, and product sourcing. Our products can be purchased through many of the industry's leading educational distributors. Kemtec, our proprietary kit line, covers a variety of science disciplines including but not limited to general science, biology, chemistry, engineering, forensics, and physics.

**Aquatic Eco-Systems, Inc.** #1831  
2395 Apopka Blvd. EN  
Apopka, FL 32703 7–12, College  
Phone: 407-886-3939  
E-mail: [aes@aquaticeco.com](mailto:aes@aquaticeco.com)  
Website: [www.aquaticeco.com](http://www.aquaticeco.com)

Aquatic Eco-Systems (AES) is the world's largest distributor of educational materials for teaching aquaculture, hydroponics, and aqua-

ponics. AES has been in business since 1978 and has a technical staff of 20 experienced biologists to assist with facility design and installation. For our complete line of products and more information, visit [aquaticeco.com](http://aquaticeco.com).

**Arbor Scientific** #1347  
PO Box 2750 PH  
Ann Arbor, MI 48106 K–12, College  
Phone: 800-367-6695  
E-mail: [mail@arborsci.com](mailto:mail@arborsci.com)  
Website: [www.arborsci.com](http://www.arborsci.com)

For 25 years, Arbor Scientific has worked with physics and physical science teachers to develop educational science supplies, science instruments, and physics lab equipment that make learning fun for students in elementary grades through college. Stop by our booth and try the most fascinating, dynamic hands-on tools for the classroom that demonstrate key concepts and principles of physics and chemistry. We find the cool stuff!

**ARCO® Arihant Industries, Inc.** #933  
40 Industrial Estate, Jagadhari Rd. B, C,  
Ambal Cantt, Harvana, 13301 EA, G, PH  
India  
E-mail: [arco@arihantlab.com](mailto:arco@arihantlab.com)  
Website: [www.arihantlab.com](http://www.arihantlab.com)

We provide all types of science equipment such as glassware, physics supplies, and electronic power supplies.

**ARKive** #2331  
10 G St. NE, Suite 710 B  
Washington, DC 20002 1–12, College  
Phone: 202-248-5066  
E-mail: [education@wildscreenusa.org](mailto:education@wildscreenusa.org)  
Website: [www.ARKive.org](http://www.ARKive.org)

ARKive, the digital Noah's Ark, is leading the "virtual" conservation effort by compiling the world's best images and films of threatened species. Free to all, ARKive is an especially valuable multimedia resource for teachers and educators with downloadable, ready-to-use lesson plans on a wide range of curriculum topics.

**Astronomy To Go** #2447  
1115 Melrose Ave. B, C, EA, EN, G, PH  
Melrose Park, PA 19027 PreK–12, College  
Phone: 215-831-0485  
E-mail: [astro2go@aol.com](mailto:astro2go@aol.com)  
Website: [www.astronomytogo.com](http://www.astronomytogo.com)

As a nonprofit education organization, we fund our traveling astronomy programs through our traveling museum shop, which carries a large assortment of astronomy and science-related T-shirts, books, teaching aids, and gifts, as well as an extensive collection of meteorites and tektites. We also carry the full line of GIANTmicrobes®.

**AUVSI Foundation** #2357  
2700 S. Quincy St., Suite 400 B, EA, T  
Arlington, VA 22206 5–12, College  
Phone: 571-482-3201  
E-mail: [koch@auvsifoundation.org](mailto:koch@auvsifoundation.org)  
Website: [www.auvsifoundation.org](http://www.auvsifoundation.org)

The AUVSI Foundation uses a variety of fun robotics programs to interest students in science, technology, engineering, and math. From RoboTour to SeaPerch to our autonomous vehicle competitions, we offer students a wide range of activities to sustain their interest in STEM throughout their academic careers.

**Aven Inc.** #2072  
4595 Platt Rd. All  
Ann Arbor, MI 48108 K–12, College  
Phone: 734-973-0099  
Website: [www.aveninc.com](http://www.aveninc.com)

We are suppliers of high-performance optical inspection equipment and precision hand tools, as well as makers of the Might Scope and ZipScope USB Digital Microscopes.

**AVRover** #1967  
75 Benbro Dr. B, C, EA, G, PH, T  
Cheektowaga, NY 14225 PreK–12, College  
Phone: 716-684-8200  
E-mail: [cindyj@avrover.com](mailto:cindyj@avrover.com)  
Website: [www.avrover.com](http://www.avrover.com)

3D AVRover is the complete 3-D solution for education. We provide the equipment and all of the content.

**Ball State University** #2226  
2000 W. University Ave. B, C, EA, PH, PD  
Muncie, IN 47306  
Phone: 765-285-9116  
E-mail: [arent@bsu.edu](mailto:arent@bsu.edu)  
Website: [www.bsu.edu](http://www.bsu.edu)

As a comprehensive research university, Ball State University offers a wealth of academic opportunities, including approximately 180 undergraduate majors and preprofessional programs and more than 100 master's and doctoral degrees.

**BarCharts, Inc.** #2349  
6000 Park of Commerce Blvd., Suite D All  
Boca Raton, FL 33487 5-12, College  
Phone: 800-226-7799, x3053  
Website: [www.barcharts.com](http://www.barcharts.com)

With five QuickStudy lines—laminated reference guides, flashcards, anatomy atlas, booklets, and world and U.S. maps—BarCharts has a product that meets every student's need.

**becker&mayer! Educational Initiatives Co.** #1867  
11120 NE 33rd Place, Suite 101 G  
Bellevue, WA 98004 2-8  
Phone: 425-629-6128  
E-mail: [janetc@beckermayer.com](mailto:janetc@beckermayer.com)  
Website: [www.classroomfieldtrips.com](http://www.classroomfieldtrips.com)

Classroom Field Trips™ offer virtual adventures for elementary and middle school students without leaving their classroom—hands-on, immersive, inquiry-based science kits for Earth science, life science, and physical science. Come hear the results of the pilot programs held in 2011.

**Bedford, Freeman & Worth (BFW) Publishers** #1356  
41 Madison Ave. All  
New York, NY 10010 9-12, College  
Phone: 866-843-3715  
E-mail: [cweiss@bfpwpub.com](mailto:cweiss@bfpwpub.com)  
Website: <http://highschool.bfpwpub.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 visit [www.bfpwpub.com/highschool](http://www.bfpwpub.com/highschool) to request complimentary consideration copies.

**Benchmark Education Co.** #2056  
629 Fifth Ave. All  
Pelham, NY 10803 PreK-12  
Phone: 877-236-2465  
E-mail: [info@benchmarkeducation.com](mailto:info@benchmarkeducation.com)  
Website: [www.benchmarkeducation.com](http://www.benchmarkeducation.com)

Benchmark Education promotes science exploration at every level with science-leveled texts that support grade-appropriate science standards, including Read to Investigate (independent science activities and multi-leveled libraries), Big Books (develop science literacy through shared reading and read-alouds), and Prime (differentiated text pairs for middle school science standards).

**BigC: Dino-Lite Scopes** #2149  
20655 S. Western Ave., Suite 116 B, G, T  
Torrance, CA 90501 3-12, College  
Phone: 888-668-2442  
E-mail: [sales@bigc.com](mailto:sales@bigc.com)  
Website: [www.bigc.com](http://www.bigc.com)

Dino-Lite Portable Digital Microscopes provide high-quality microscopy video interfacing to PC and Mac with clear and steady imaging and 10x–200x magnification. The included software, DinoCapture, makes it easy to take snapshots, record videos, manipulate images, and save and e-mail discoveries.

**Bio-Rad Laboratories** #841  
2000 Alfred Nobel Dr. B  
Hercules, CA 94547 7-12, College  
Phone: 510-741-1000  
E-mail: [biotechnology\\_explorer@bio-rad.com](mailto:biotechnology_explorer@bio-rad.com)  
Website: <http://explorer.bio-rad.com>

More than just a lab in a box, Bio-Rad provides a completely supported biotech experience. Best in class kits and equipment as well as a new lab textbook—*Biotechnology, A Laboratory Skills Course*.

**BIOPAC Systems, Inc.** #1972  
42 Aero Camino B, G  
Goleta, CA 93117 7-12  
Phone: 805-685-0066  
E-mail: [info@biopac.com](mailto:info@biopac.com)  
Website: [www.biopac.com](http://www.biopac.com)

Explore the inner workings of the human body with BIOPAC Science Lab—a new, inexpensive physiology monitor with practical

experiments that allow students to record, display, and analyze data from their own bodies. Engage students' minds and develop critical-thinking skills with hands-on, technology-based science. Stop by for a demo.

**BIOZONE International** #1452  
PO Box 13-034 B, EN  
Hamilton, New Zealand 3251 9-12, College  
Phone: 866-556-2710  
E-mail: [donna@biozone.co.nz](mailto:donna@biozone.co.nz)  
Website: [www.thebiozone.com](http://www.thebiozone.com)

BIOZONE specializes in the production of student resources for grades 9–12 biology programs, including Honors, AP, and IB courses. Our successful 3-in-1 formula—part textbook/study guide/activity workbook, along with impressive graphics and write-on format, fosters student engagement while encouraging critical thinking in a differential learning environment. Learn how these cost-effective workbooks and presentation media (editable PowerPoints) can make a difference to your teaching program.

**BluTrack** #2446  
1116 E. Seventh St. G, PH  
Pella, IA 50219 PreK-12, College  
Phone: 309-314-6263  
E-mail: [jaborland@blutrack.com](mailto:jaborland@blutrack.com)  
Website: [www.blutrackpro.com](http://www.blutrackpro.com)

BluTrackPro is used to teach force and motion studies as well as physics and engineering concepts using double-lane tracks with scale vehicles, ball bearings, and more—from the most basic to the most advanced levels.

**Boardworks Education** #2354  
174 N. 11th St. B, C, EA, EN, PH, T  
Brooklyn, NY 11211 K-12  
Phone: 855-405-7939  
E-mail: [flora.nelson@boardworkseducation.com](mailto:flora.nelson@boardworkseducation.com)  
Website: [www.boardworkseducation.com](http://www.boardworkseducation.com)

Boardworks Education is an educational software publishing company offering innovative interactive resources for elementary, middle, school and high school science. Designed for use with interactive whiteboards and classroom projectors, Boardworks is correlated to individual state standards and packed with interactive activities to bring science classes to life.

## Exhibitors

**Boyd's Mills Press** #1632  
 815 Church St. B, EN  
 Honesdale, PA 18431 PreK–6  
 Phone: 877-512-8366  
 E-mail: [marketing@boydsmillspress.com](mailto:marketing@boydsmillspress.com)  
 Website: [www.boydsmillspress.com](http://www.boydsmillspress.com)

Launched by *Highlights for Children* in 1991, Boyd's Mills Press publishes imaginative, socially conscious, educational picture books and informative lively nonfiction. Our science books cultivate a deep lasting connection with nature and give young readers insight into “how we know what we know” through the ongoing, self-correcting process of science.

**BrainPOP** #2246  
 71 W. 23rd St. and 17th St. B, C, EA,  
 New York, NY 10010 EN, G, T  
 Phone: 866-542-7246 K–8  
 E-mail: [districts@brainpop.com](mailto:districts@brainpop.com)  
 Website: [www.brainpop.com](http://www.brainpop.com)

BrainPOP creates animated, curricular content that engages students, supports teachers, and bolsters achievement—in classrooms, at home, and on mobile devices. Our proven and award-winning educational resources, uniquely suited for 21st-century learning, include BrainPOP Jr. (K–3), BrainPOP, BrainPOP Espanol, and BrainPOP ESL.

**Brightspark Travel** #2369  
 111 S. Pflugsten Rd., Suite 100 G, PD  
 Deerfield, IL 60013 6–12, College  
 Phone: 888-787-8142  
 E-mail: [international@brightsparktravel.com](mailto:international@brightsparktravel.com)  
 Website: [www.brightsparktravel.com](http://www.brightsparktravel.com)

Brightspark Travel has been a leading provider of student and group travel for more than 40 years—specializing in educational, performance, and international travel.


**Britannica Digital Learning** #2168  
 331 N. LaSalle Dr. EN, G  
 Chicago, IL 60654 6–8  
 Phone: 800-621-3900  
 E-mail: [contact@eb.com](mailto:contact@eb.com)  
 Website: [www.info.eb.com](http://www.info.eb.com)

Britannica Digital Learning provides reliable, high-quality classroom products and solutions for educators. Our products are curriculum correlated, designed for students of all ages from preschool to college, and continuously updated by Britannica's editors and expert con-

tributors. Britannica Digital Learning products make effective and creative use of classroom technologies—such as interactive whiteboards, laptops, and student-response devices—making it easier for teachers to teach, for students to learn, and for all users to access knowledge and lessons anywhere, anytime.

**Capstone Classroom** #753  
 1710 Roe Crest Dr.  
 North Mankato, MN 56003 K–8  
 Phone: 888-262-6135  
 E-mail: [customer.service@heinemannclassroom.com](mailto:customer.service@heinemannclassroom.com)  
 Website: [www.capstoneclassroom.com](http://www.capstoneclassroom.com)

Capstone Classroom—formally Heinemann Raintree Classroom—is the leader in providing nonfiction leveled text for the classroom. Now you can find the best nonfiction for your classroom needs, including the popular *Graphic Science* series and nearly 200 NSTA-approved titles.

**Carolina Biological Supply Co.** #100  
 2700 York Rd. All  
 Burlington, NC 27215 PreK–12,  
 Phone: 800-334-5551 College  
 E-mail: [carolina@carolina.com](mailto:carolina@carolina.com)  
 Website: [www.carolina.com](http://www.carolina.com)

Carolina Biological Supply Company is a worldwide leader in providing top-quality, innovative science and math materials for educators. Carolina serves the K–12 and college market with everything needed to equip a science laboratory or classroom. A complete catalog, *Carolina™ Science*, is available free to educators and health professionals.

**Catalyst Learning Curricula: Daily Lesson Plans** #751  
 59 Clemmons St. B, EN  
 Asheville, NC 28801 9–12, College  
 Phone: 828-687-0807  
 E-mail: [kristen.dotti@catalystlearningcurricula.com](mailto:kristen.dotti@catalystlearningcurricula.com)  
 Website: [www.catalystlearningcurricula.com](http://www.catalystlearningcurricula.com)

We provide hands-on engagement activities for teachers of AP and PreAP science through year-long curricula and teacher training that is 100% experientially based. Sequential daily lesson plans curricula that exceed the national and state standards are currently available for high school biology and environmental science courses.

**Celestron** #1527  
 2835 Columbia St. T  
 Torrance, CA 90503 6–12, College  
 Phone: 800-421-9649  
 E-mail: [pr@celestron.com](mailto:pr@celestron.com)  
 Website: [www.celestron.com](http://www.celestron.com)

An award-winning legacy brand for more than 50 years, Celestron is the industry-leading brand for telescopes and astronomy products. Celestron also has developed a wide range of exciting products and technologies that enhance science and education. At Celestron, we strive to inspire a sense of wonder, knowledge, and fun in our customers and throughout our company.

**Cengage Learning** #1327  
 5191 Natorp Blvd. B, C, EA, EN,  
 Mason, OH 45040 G, PH, T  
 Phone: 800-543-0487 K–12, College  
 E-mail: [robin.lefevre@cengage.com](mailto:robin.lefevre@cengage.com)  
 Website: [www.cengage.com](http://www.cengage.com)

A Cengage Learning brand, South-Western is a leader in providing lifelong learning products to educators, individuals, and corporations. Using print, online, and technology solutions, we meet the needs of learners, instructors, and trainers in the areas of integrated science, forensic science, and applied mathematics. Visit us at [www.cengage.com/school](http://www.cengage.com/school).

**Center for Excellence in Education** #1274  
 8201 Greensboro Dr., Suite 215 B  
 McLean, VA 22102 9–12  
 Phone: 703-448-9062  
 E-mail: [cfarmer@cee.org](mailto:cfarmer@cee.org)  
 Website: [www.cee.org](http://www.cee.org)

The Center for Excellence in Education (CEE) has developed the Research Science Institute (RSI), the USA Biology Olympiad (USABO), and the Teacher Enrichment Program (TEP). CEE's programs are unique and are offered cost free to all students and teachers selected to participate. TEP includes the Clearinghouse, Bite of Science...Dinner with a Scientist, Lab Bench, TEP Blog, and TEP/STEM Round Table Discussions.

**Carolina Biological Supply Co.** [www.carolina.com](http://www.carolina.com)

Booth #100

2700 York Rd., Burlington, NC 27215 • 800-334-5551



### Carolina™ Physical Sciences

*All the Right Elements*

K–College

- Chemistry and AP Chemistry
- Physics
- Laboratory Equipment and Supplies
- Laboratory Safety
- Microscopes
- Teacher Resources

Carolina offers complete chemistry and physics resources for your classroom and laboratory—from kits for AP Chemistry and unique kit series such as *Inquiries in Science*® and *Carolina ChemKits*™ to lab equipment, including Carolina™ glassware, spectrophotometer, and balances. You'll also find lab safety equipment and teacher resources, such as videos, books, and software, to complement any science laboratory.

### Carolina™ Curriculum

*Inquire Within!*

K–10

B, C, EA, EN, PH, and G

- Science and Technology Concepts™ Program (STC Program™)
- Math Out of the Box®
- Supplemental Programs—GEMS®, Building Blocks of Science®
- Literacy

We offer engaging, research-based curriculum programs. Stop by to see our NEW Science and Technology Concepts curricula for both secondary and elementary! Visit our booth to participate in hands-on demos and whiteboard activities. Attend our workshops; take-home activities will be provided. Come experience the Carolina classroom at its best!

### Carolina™ Life Science

*Bringing Science to Life All Over the World*

K–College

- Living Zoology
- Biotechnology and Genetics
- Forensics for the Biology Laboratory
- Microbiology and Botany
- AP Biology and AP Environmental Science
- Preserved Specimens
- Anatomical Models and Biological Mounts
- Microscope Slides

Let us help you bring science to life in your classroom! From cutting-edge biotechnology and genetics products to exciting classroom critters, our extensive selection of products on display is sure to energize and engage. Join us for FREE hands-on activities and learn more about our exclusive products such as Carolina™ Synthetic Blood, Wisconsin Fast Plants®, Casper Fish™, Carolina's Perfect Solution® specimens, and more. You and your students deserve the very best—don't miss this great opportunity to experience Carolina Life Science.

### Carolina Science Online™

*A Growing, Dynamic Online Resource for Teaching and Learning*

K–College

- Interactive Whiteboard Activities
- Simulations
- Videos

Carolina has launched e-learning tools for the classroom. Carolina Science Online offers you immediate access to e-learning tools such as interactive whiteboard activities, simulations, videos, and more. Visit the Carolina booth to experience these relevant, affordable, and easy-to-use online resources.

## Exhibitors

**Centers for Ocean Sciences Education Excellence (COSEE)** #2440  
All  
Office of Marine Programs PreK–12, College  
University of Rhode Island  
218 S. Ferry Rd.  
Narragansett, RI 02882  
Phone: 401-874-6524  
E-mail: [cosee@gso.uri.edu](mailto:cosee@gso.uri.edu)  
Website: [www.cosee.net](http://www.cosee.net)

COSEE Centers work to increase understanding of the ocean and its relevance to society. Primarily funded by NSF, the COSEE network promotes partnerships between scientists and educators, disseminates ocean sciences education resources, and promotes ocean science as a charismatic vehicle for learning.

**Cerebellum Corp.**<sup>TM</sup> #2454  
1661 Tennessee St., Suite 3D B, T  
San Francisco, CA 94107 7–12  
Phone: 415-541-9901  
E-mail: [aarunski@cerebellum.com](mailto:aarunski@cerebellum.com)  
Website: [www.cerebellum.com](http://www.cerebellum.com)

The Standard Deviants have taken their award-winning methodology to teaching core curriculum subjects for middle school and high school students and brought it to the web with our Accelerate platform. This online platform includes unique audio, video, and written content that is intuitive and easy to use. Add critical-thinking questions, differentiated instruction, grade reporting, RTI alerts, editable grading rubrics, and a dash of irreverence, and you've got Standard Deviants Accelerate!

**The Children's Museum of Indianapolis** #2172  
G  
PO Box 3000 K–8  
Indianapolis, IN 46206  
Phone: 317-334-3229  
E-mail: [jenniferb@childrensmuseum.org](mailto:jenniferb@childrensmuseum.org)  
Website: [www.childrensmuseum.org](http://www.childrensmuseum.org)

Learn about field trip experiences and museum exhibits. Find out more about CSI Flight Adventures and making museum connections to classroom curricula with help from our online resources and professional development opportunities.

**Circle Michigan** #2129  
PO Box 541  
Trenton, MI 48183  
Phone: 800-513-6424  
E-mail: [janet@circlemichigan.com](mailto:janet@circlemichigan.com)  
Website: [www.circlemichigan.com](http://www.circlemichigan.com)

Circle Michigan is a tourism organization that promotes group travel to Michigan. Our destinations and attractions offer exciting and fun things to see and do in Michigan, including solid student programming for school groups and complimentary site tours for teachers.

**CK–12 Foundation** #1775  
3430 W. Bayshore Rd., Suite 101 B, C, EA,  
Palo Alto, CA 94303 G, PH, T  
Phone: 650-494-1302 6–12  
E-mail: [outbound@ck12.org](mailto:outbound@ck12.org)  
Website: [www.ck12.org](http://www.ck12.org)

CK–12 Foundation is a nonprofit organization with the mission to produce free and open-source K–12 materials aligned to state curriculum standards and customized to meet student and teacher needs. Its current offerings include FlexBooks® digital textbooks, an SAT prep site, and an interactive Algebra I curriculum.

**Clemson University Biological Sciences** #2249  
132 Long Hall  
Clemson, SC 29634  
Phone: 864-656-2153  
E-mail: [tjarret@clemson.edu](mailto:tjarret@clemson.edu)  
Website: [www.clemson.edu/calls/department/bioscience](http://www.clemson.edu/calls/department/bioscience)

Clemson University is proud to offer a 100% online, non-thesis Master of Biological Sciences designed specifically for K–12 teachers and others interested in biological sciences. The 30 credit-hour curriculum of relevant, rigorous, and challenging graduate courses are specifically designed to improve science-content knowledge.

**The Cleveland Museum of Natural History** #1829  
B, EA, EN,  
One Wade Oval G, PD  
Cleveland, OH 44121 K–12  
Phone: 216-231-4600  
E-mail: [kgillan@cmnh.org](mailto:kgillan@cmnh.org)  
Website: [www.cmnh.org](http://www.cmnh.org)

**The College Board SAT Subject Tests** #2450  
PD  
45 Columbus Ave. 9–12  
New York, NY 10023  
Website: [www.satsubjecttests.org/teachers](http://www.satsubjecttests.org/teachers)

Learn how the SAT Subject Tests in Science (biology, chemistry, physics) can help your students stand out on their college applications. Find out what's on the tests, how colleges use them, and sign up to get your FREE copy of the Science Teacher's Guide to the SAT Subject Tests.



**Consortium for Ocean Leadership—Deep Earth Academy** #1747  
 1201 New York Ave. NW EA, G, T  
 Fourth Floor PreK–12, College  
 Washington, DC 20005  
 Phone: 202-787-1614  
 E-mail: [jcollins@oceanleadership.org](mailto:jcollins@oceanleadership.org)  
 Websites: [www.joidesresolution.org](http://www.joidesresolution.org);  
[www.oceanleadership.org/education/deep.earth.academy](http://www.oceanleadership.org/education/deep.earth.academy)

Check out the exciting world of Earth science and deep biosphere research with the *JOIDES Resolution* and learn about the data-driven activities and classroom resources you can use to educate and inspire your students. Visit the booth to talk to scientists and go home with free posters, pencils, activities, and more.

**The Consumer Aerosol Products Council** #1125  
 1667 K St. NW, Suite 300 C, G, T  
 Washington, DC 20006 5–9  
 Phone: 650-862-4232  
 E-mail: [hvanderband@aerosolproducts.org](mailto:hvanderband@aerosolproducts.org)  
 Website: [www.aerosolproducts.org](http://www.aerosolproducts.org)

The Consumer Aerosol Products Council (CAPCO) will be promoting the recycling of empty aerosol products by featuring a student challenge to encourage students to reach out to their local municipalities to increase acceptance of aerosol products in community recycling programs. In addition, CAPCO will be sharing its free educational resources and giving away thousands of free product samples demonstrating today's aerosol products that do not contain ozone-depleting substances.

**Cornell Lab of Ornithology** #1847  
 159 Sapsucker Woods Rd. B  
 Ithaca, NY 14850 K–12, College  
 Phone: 607-254-2489  
 E-mail: [ld85@cornell.edu](mailto:ld85@cornell.edu)  
 Website: [www.birdsleuth.net](http://www.birdsleuth.net)

Inquiry is important in today's classrooms, and BirdSleuth provides an ideal way to teach science process through engaging, hands-on activities, citizen science, and authentic scientific research! Our curriculum is designed for elementary, middle school, and early high school classrooms.

**Corwin Press** #1166  
 2455 Teller Rd. PD, T  
 Thousand Oaks, CA 91320 PreK–12  
 Phone: 800-233-9936  
 E-mail: [sales@corwin.com](mailto:sales@corwin.com)  
 Website: [www.corwin.com](http://www.corwin.com)

Corwin Press publishes books, journals, and multimedia resources for preK–12 education professionals—teachers, administrators, and teacher educators—in areas of curriculum development, teaching methods, learning styles, student assessment, science and mathematics, literacy, classroom management, exceptional students, diversity, staff development, leadership, technology, and research.

**CPO Science/School Specialty Science** #1146  
 80 Northwest Blvd. G  
 Nashua, NH 03063 6–12  
 Phone: 800-932-5227  
 E-mail: [customerservice.cpo@schoolsspecialty.com](mailto:customerservice.cpo@schoolsspecialty.com)  
 Website: [www.cposcience.schoolsspecialty.com](http://www.cposcience.schoolsspecialty.com)

Stop by the CPO Science booth and participate in STEM activities and receive free gifts. CPO Science provides all the essential components for a hands-on inquiry-based science program for grades 6–12. Student texts are correlated to the STEM frameworks. Our programs are ideal for differentiated instruction and meet state and national standards.

**Current Publishing Corp.** #1253  
 30151 Tomas St. B, EA, EN, G  
 Rancho Santa Margarita, CA 92688 9–12  
 Phone: 866-348-7234  
 E-mail: [dean.allen@currentpublishingcorp.com](mailto:dean.allen@currentpublishingcorp.com)  
 Website: [www.currentpublishingcorp.com](http://www.currentpublishingcorp.com)

Life on an Ocean Planet is an integrated high school marine science curriculum for all students who want to discover, explore, and investigate the fascinating world of ocean and aquatic sciences. The program is correlated to national science standards and ocean literacy principles.

**Cyber-Anatomy Corp.** #927  
 1910 S. Gilbert St. B, C, EA, T  
 Iowa City, IA 52240 K–12, College  
 Phone: 319-354-2555  
 E-mail: [sales@cyber-anatomy.com](mailto:sales@cyber-anatomy.com)  
 Website: [www.cyber-anatomy.com](http://www.cyber-anatomy.com)

Cyber-Anatomy, a small Iowa-based company, develops interactive anatomy and science content. Our initial product (Cyber-Anatomy) is an award-winning immersive 3-D model of human anatomy. Our Cyber-Science 3-D product line is a growing library of simulations in the areas of human anatomy, zoology, botany, biology, Earth science, paleontology, chemistry, and engineering.

**CyberPatriot** #1227  
 1501 Lee Hwy., Suite 400 T  
 Arlington, VA 22209 9–12  
 Phone: 800-727-3337, x5806  
 E-mail: [info@uscypatriot.org](mailto:info@uscypatriot.org)  
 Website: [www.uscypatriot.org](http://www.uscypatriot.org)

CyberPatriot is the national high school cyber defense competition created to inspire high school students toward careers in cybersecurity and other STEM disciplines.

**Davis Instruments Corp.** #1633  
 3465 Diablo Ave. EA, EN  
 Hayward, CA 94545 4–12, College  
 Phone: 510-732-9229  
 E-mail: [sales@davisnet.com](mailto:sales@davisnet.com)  
 Website: [www.davisnet.com](http://www.davisnet.com)

Davis Instruments will feature their most cost-effective weather station, Vantage Vue™. Vantage Vue combines reliability, accuracy, toughness—and it's affordably priced for the education market. It provides wireless transmission up to 1,000 feet (300 m) and gives updates every 2 ½ seconds. Weather lesson plans are available at the booth and at [vantagevue.com](http://vantagevue.com).

**Delight's Earthly Delights** #839  
 PO Box 2013 B, C, EA, EN, G  
 Benson, AZ 85602 K–12  
 Phone: 520-212-3343  
 E-mail: [delightsearthlydelights@hotmail.com](mailto:delightsearthlydelights@hotmail.com)

Stop by our booth for jewelry inspired by the beauty of science.

## Exhibitors

**Delta Education/School Specialty Science** #947  
G  
80 Northwest Blvd. PreK–8  
Nashua, NH 03063  
Phone: 800-442-5444  
E-mail: [customerservice.delta@schoolsspecialty.com](mailto:customerservice.delta@schoolsspecialty.com)  
Website: [www.deltaeducation.schoolsspecialty.com](http://www.deltaeducation.schoolsspecialty.com)

Delta Education is your leading educational partner in providing hands-on, inquiry-based curricula instructional resources for preK–8 science, technology, engineering, and mathematics. We are prepared to help you develop students who are competitive and set a world-class standard in college and workforce readiness.

**Denver Museum of Nature & Science** #2268  
EA, PD  
2001 Colorado Blvd.  
Denver, CO 80205  
Phone: 303-370-8354  
E-mail: [beth.bavolek@dmns.org](mailto:beth.bavolek@dmns.org)  
Website: [www.dmns.org](http://www.dmns.org)

The Denver Museum of Nature & Science offers a variety of distance learning programs, teacher resources, and inquiry-based programming. Stop by to learn more!

**DEPCO, LLC** #2366  
PH, T  
PO Box 178 6–12, College  
Pittsburg, KS 66762  
Phone: 800-767-1062  
E-mail: [rgrimsley@depcollc.com](mailto:rgrimsley@depcollc.com)  
Website: [www.depcollc.com](http://www.depcollc.com)

Robotics is a structured platform for students to acquire engineering skills and competencies. Using robotics as a theme of instruction, students can design, build, refine their solutions, and compete in challenges that reinforce physical science and physics concepts. DEPCO will showcase its diverse line of robotics solutions from trebuchets and autonomous systems to humanoid robotics.

**Design Simulation Technologies, Inc. (DST)** #1074  
PH  
43311 Joy Rd., Suite 237 7–12, College  
Canton, MI 48187  
Phone: 734-446-6935  
E-mail: [alan.wegienka@design-simulation.com](mailto:alan.wegienka@design-simulation.com)  
Website: [www.design-simulation.com](http://www.design-simulation.com)

DST develops and markets physics-based simulation software that is used worldwide by students, educators, and engineers. Interactive Physics is

used by thousands of schools around the world for introducing the concepts of physics to middle school, high school, and college students.

**Digital Frog International** #2060  
B  
7377 Calfass Rd. K–12  
Puslinch, ON N0B 2J0 Canada  
Phone: 800-621-FROG (3764)  
E-mail: [thefrogladies@digitalfrog.com](mailto:thefrogladies@digitalfrog.com)  
Website: [www.digitalfrog.com](http://www.digitalfrog.com)

Check out Digital Frog International's award-winning software for science teachers: The Digital Frog 2.5 encompassing anatomy, ecology, and dissection; The Digital Field Trips to Wetlands, Rainforest, and Desert covering a wide range of curricula topics and multiple grade levels; and Science Matrix: Cell Structure and Function, winner of a World Summit award.

**Digitalis Education Solutions, Inc.** #1425  
817 Pacific Ave.  
Bremerton, WA 98310  
Phone: 360-616-8915  
E-mail: [info@digitaliseducation.com](mailto:info@digitaliseducation.com)  
Website: [www.digitaliseducation.com](http://www.digitaliseducation.com)

Digitalium® digital planetarium systems for portable or fixed domes make teaching astronomy easy, effective, and engaging. Live, scripted, or prerecorded full-dome video shows are all simple to present. We also sell Digitalis inflatable domes for a complete portable solution. Best usability and best value on the market.

**Dinah-Might Adventures, LP** #1159  
G, PD  
PO Box 690328 PreK–12, College  
San Antonio, TX 78269  
E-mail: [dma@dinah.com](mailto:dma@dinah.com)  
Website: [www.dinah.com](http://www.dinah.com)

Dinah-Might Adventures is an educational publishing and consulting company owned by author/speaker Dinah Zike, whose books are known for their innovative ways to use Foldables® in teaching all subjects and grade levels. She also offers professional development at the Dinah Zike Academy, a unique trainer of trainers facility.

**Discovery Dome®** #757  
B, EA  
6100 Main St. 4–12, College  
Rice Space Institute MS 108  
Houston, TX 77005  
Phone: 877-347-2366  
E-mail: [reiff@rice.edu](mailto:reiff@rice.edu)  
Website: [www.discoverydome.com](http://www.discoverydome.com)

Discovery Dome brings excitement to learning by means of immersive digital theaters for sale and rent (now including 3-D), portable planetarium equipment, and educational software.

**Discovery Education** #1567  
G, PD, T  
One Discovery Place K–12  
Silver Spring, MD 20910  
Phone: 800-323-9084  
E-mail: [coni\\_rechner@discovery.com](mailto:coni_rechner@discovery.com)  
Website: [www.discoveryeducation.com](http://www.discoveryeducation.com)

Discovery Communications revolutionized television with Discovery Channel and is now transforming classrooms through Discovery Education. Powered by the number one non-fiction media company in the world, Discovery Education combines scientifically proven, standards-based digital media and a dynamic user community to empower teachers to improve student achievement. Already, more than half of all U.S. schools access Discovery Education digital services. Explore the future of education at [www.discoveryeducation.com](http://www.discoveryeducation.com).

**Discovery Student Adventures** #1573  
2001 Flint  
Spokane, WA 99224 5–12  
Phone: 866-963-3502  
E-mail: [info@discoverystudentadventures.com](mailto:info@discoverystudentadventures.com)  
Website: [www.discoverystudentadventures.com](http://www.discoverystudentadventures.com)

Discovery Student Adventures offers immersive educational trips to amazing global destinations with unparalleled, behind-the-scenes access to local experts. Our journeys deliver a fascinating look deep into science, cultures, and creatures, providing teachers and their students in grades 5–12 with a unique perspective on the world through the eyes of Discovery.



**Disney's Planet Challenge** #1667  
 500 S. Buena Vista St. B, EA, EN  
 Burbank, CA 91521 3-8  
 Phone: 818-567-5330  
 E-mail: [corrine.martinez@disney.com](mailto:corrine.martinez@disney.com)

Disney's Planet Challenge (DPC) is a FREE, highly acclaimed, Project Based Learning (PBL), national environmental competition open to grades 3-8 classrooms. Teams choose a local environmental issue and then research, develop, and implement a solution. The elementary and middle school grand prizes feature a class trip to Disney World® and a \$10,000 grant for each.

**Disney Youth Programs** #1275  
 PO Box 10111 B, EA, EN, G, PH  
 Lake Buena Vista, FL 32830 2-12  
 Phone: 888-581-6936  
 E-mail: [dahlia.m.sanchez@disney.com](mailto:dahlia.m.sanchez@disney.com)

Disney Youth Education Series programs give

students real-world learning experiences at Disney Theme Parks and provide newfound insights and skills to motivate and inspire students. These hands-on courses increase learning desire, encourage students to reach their potential, and demonstrate the importance of teamwork, all in a unique setting.

**Dive Into Your Imagination** #2336  
 10002 Aurora Ave. N B, EA, EN, G, PD  
 Suite 36 PMB 104 PreK-12, College  
 Seattle, WA 98133  
 Phone: 805-453-1947  
 E-mails: [annie@anniecrawley.com](mailto:annie@anniecrawley.com);  
[annie@diveintoyourimagination.com](mailto:annie@diveintoyourimagination.com)  
 Websites: [www.diveintoyourimagination.com](http://www.diveintoyourimagination.com);  
[www.anniecrawley.com](http://www.anniecrawley.com)

Dive Into Your Imagination creates award-winning cross-curricular books, DVDs, multimedia lesson plans, and customizable teacher professional development focusing on

our ocean, environment, and more for preK through college. Find out about inspirational speaker Annie Crawley's topics for 2012-2013 year, including the Great Pacific Garbage Patch and Our Blue World. Free gifts!

**Diversified Woodcrafts Inc.** #1268  
 300 S. Krueger St. All  
 Suring, WI 54174 PreK-12, College  
 Phone: 920-842-2136  
 E-mail: [jryno@diversifiedwoodcrafts.com](mailto:jryno@diversifiedwoodcrafts.com)  
 Website: [www.diversifiedwoodcrafts.com](http://www.diversifiedwoodcrafts.com)

We are the leading manufacturer of tables, mobile labs, workstations, and casework for the school market.



## UNI Overseas Recruiting Fair XXXVII

**February 1-3, 2013**

◆ *Personal Attention*     ◆ *Quality Service*  
 ◆ *No Placement Fees*

“An incredible opportunity for science teachers to meet and interview with over 120 American K-12 schools from around the world.”



**University of  
Northern Iowa**

**Overseas Placement Service for Educators**

*Visit our Web site for registration materials. Registration deadline January 11, 2013.*

Cedar Falls, Iowa USA 50614-0390  
 Phone: (319) 273-2083 Fax: (319) 273-6998  
 E-mail: [overseas.placement@uni.edu](mailto:overseas.placement@uni.edu)  
**Web site: [www.uni.edu/placement/overseas](http://www.uni.edu/placement/overseas)**

## Exhibitors

**DNA Depot™** #1950  
 PO Box 341058 B, EN  
 Bethesda, MD 20827 5-9  
 Phone: 240-893-3827  
 E-mail: [services@dnadepot.com](mailto:services@dnadepot.com)  
 Website: [www.dnadepot.com](http://www.dnadepot.com)

DNA Depot provides safe, innovative, and affordable life sciences educational resources primarily for students in grades 5-9, for outreach and self-directed learning. Experiments are available as individual kits for 6-10 groups and in bulk packaging.

**The Dow Chemical Co.** #1431  
 2030 Dow Center B, C, EN, PD, T  
 Midland, MI 48674 K-12, College  
 Phone: 989-636-9974  
 E-mail: [cehoutman@dow.com](mailto:cehoutman@dow.com)  
 Website: [www.dow.com](http://www.dow.com)

Dow (NYSE: Dow) combines the power of science and technology with the “Human Element” to passionately innovate what is essential to human progress. Dow’s diversified industry-leading portfolio of specialty chemical, advanced materials, agrosiences, and plastics businesses delivers a broad range of products and solutions to customers in approximately 160 countries.



**Duncan Toys Co.** #1126  
 15981 Valplast Rd. C, PH  
 Middlefield, OH 44062 4-9  
 Phone: 440-632-3718  
 E-mail: [mburke@flambeau.com](mailto:mburke@flambeau.com)  
 Website: [www.yo-yo.com](http://www.yo-yo.com)

Teach science with toys! Duncan’s three programs use toys (yo-yos, gyroscopes, and Tetra Tops) as a hands-on approach to learning physics, chemistry, geometry, and more. Lesson planners are FREE!

**The DuPont Challenge** #1655  
 200 Powder Mill Rd. All  
 Wilmington, DE 19880 7-12  
 Phone: 302-695-2554  
 E-mail: [thechallenge@usa.dupont.com](mailto:thechallenge@usa.dupont.com)  
 Website: [www.thechallenge.dupont.com](http://www.thechallenge.dupont.com)

The DuPont Challenge© Science Essay Competition is the premier science competition in North America, inspiring students to excel in scientific writing. Encourage your students to write a 700- to 1,000-word essay about any scientific discovery, theory, event, or technological application that interests them. When students win, teachers win also!

**Dynalon Labware** #2247  
 175 Humboldt St., Suite 300 B, C  
 Rochester, NY 14623 K-12, College  
 Phone: 800-334-7585  
 E-mail: [peter@dyna-labware.com](mailto:peter@dyna-labware.com)  
 Website: [www.dynalon.com](http://www.dynalon.com)

Dynalon Labware is a leading North American supplier of more than 2,000 high-quality laboratory products (cylinders, beakers, bottles, carboys, and pipettes) for use in science education. Ask about our custom plastic fabrication capabilities. We offer bench-top science lab equipment that includes melting point analyzers, water stills, and laminar flow cabinets.

**Earth Science Learning Laboratory** #2048  
 1200 New York Ave. NW, Suite 400 EA  
 Washington, DC 20005 K-12, College  
 E-mail: [michael.hubenthal@iris.edu](mailto:michael.hubenthal@iris.edu)  
 Website: [www.iris.edu/esll](http://www.iris.edu/esll)

Explore teaching resources from federally funded and not-for-profit scientific organizations! Visit our “laboratory” right in the exhib-

itor hall where we will demonstrate exciting interactive activities on the half hour throughout the day. Check out [www.iris.edu/esll](http://www.iris.edu/esll) for a list of participating organizations and the schedule of sessions available.

**EarthBox®** #1736  
 1350 Von Storch Ave. EN  
 Scranton, PA 18509 PreK-12  
 Phone: 800-821-8838  
 E-mail: [john.romanaskas@earthbox.com](mailto:john.romanaskas@earthbox.com)  
 Website: [www.earthbox.com/education](http://www.earthbox.com/education)

EarthBox Instructional School Gardens—Do you want an easy way to go green; increase science scores, fitness, and health; and offer community service and service-learning opportunities? If you do, then visit us to make it happen.

**Earthwatch Institute** #1830  
 114 Western Ave. EN  
 Boston, MA 02134 K-12, College  
 Phone: 800-776-0188  
 E-mail: [fellowshipawards@earthwatch.org](mailto:fellowshipawards@earthwatch.org)  
 Website: [www.earthwatch.org](http://www.earthwatch.org)

Earthwatch is an international nonprofit organization. Since 1971, more than 93,000 volunteers have joined our scientists in the field and have contributed more than 11 million hours to frontline environmental research. Each year, Earthwatch Education Fellowships enable students, teachers, conservation professionals, and corporate employees to join expeditions at little or no out-of-pocket expense.

**Ecology Project International** #2466  
 315 S. Fourth St. E B, E  
 Missoula, MT 59801 8-12, College  
 Phone: 406-721-8784  
 E-mail: [info@ecologyproject.org](mailto:info@ecologyproject.org)  
 Website: [www.ecologyproject.org](http://www.ecologyproject.org)

Bring your students on ecology-focused field courses in Costa Rica, Galápagos Islands, Baja California, and Yellowstone. Collaborate with scientists and meet with local students as you work to protect sea turtles, whales, and tortoises. Stop by our booth to enter our raffle for free participation in our Costa Rica course!

**Educational Innovations, Inc.** #1767  
 Five Francis J. Clarke Circle All  
 Bethel, CT 06801 K-12, College  
 Phone: 203-229-0730  
 E-mail: [info@teachersource.com](mailto:info@teachersource.com)  
 Website: [www.teachersource.com](http://www.teachersource.com)

Teacher owned and operated, Educational Innovations is committed to bringing you SUPER! WOW! NEAT! science supplies, guaranteed to make your colleagues, students, or grandkids sit up and take notice! With UV beads, growing alligators, and super slime kits, our products bring out the scientist in everyone—we make science sizzle!

**Edvotek** #1750  
 1121 Fifth St. NW B  
 Washington, DC 20001 8-12, College  
 Phone: 202-370-1500  
 E-mail: [khuyenm@edvotek.com](mailto:khuyenm@edvotek.com)  
 Website: [www.edvotek.com](http://www.edvotek.com)

Edvotek manufactures robust research-grade biotechnology education experiments, biologics, reagents, and equipment for high school and college. Experiments include DNA science, electrophoresis, forensics, PCR, molecular cloning, immunology, environmental science, and AP Biology. Products offer hands-on investigations with options for student participation in inquiry-based extensions that merge science and education.

**EF Education First** #2274  
 One Education St. EN  
 Cambridge, MA 02141 5-12, College  
 Phone: 617-619-1657  
 E-mail: [katherine.schlemann@ef.com](mailto:katherine.schlemann@ef.com)  
 Website: [www.ef-tours.com](http://www.ef-tours.com)

The world leader in international education, EF Education First works with educators to increase global awareness through educational tours, cultural exchange, academic programs, and language learning.

**Elementally Fun Games, LLC** #1224  
 2244 Cardinal Dr. C, PH  
 New Lenox, IL 60451 9-12, College  
 Phone: 815-462-2684  
 E-mail: [elementallyfungames@gmail.com](mailto:elementallyfungames@gmail.com)  
 Website: [www.elementallyfungames.com](http://www.elementallyfungames.com)

Elementally Fun Games is dedicated to creating high-quality science review games for students and teachers. Our games are designed to help students review for tests in a fun and challenging way. Our games also provide teachers with an entertaining and nontraditional method for preparing students for upcoming tests.

**Elmer's Products, Inc.** #1225  
 460 Polaris Pkwy., Suite 500 G  
 Westerville, OH 43082  
 Website: [www.elmers.com](http://www.elmers.com)

Elmer's markets hundreds of products, ranging from adhesives, arts, crafts, and educational products to a complete offering of craft, hobby, office, and home repair products for adults.

**Energy Concepts, Inc.** #1575  
 404 Washington Blvd. B, C, PH, T  
 Mundelein, IL 60060 K-12, College  
 Phone: 847-837-8191  
 E-mail: [mrudes@ecimail.com](mailto:mrudes@ecimail.com)  
 Website: [www.eci-info.com](http://www.eci-info.com)

Energy Concepts will exhibit its complete line of contextual trainers, including Material Science Technology, Principles of Technology, Engineering Principles, Foundations in Biotechnology, and our new Applications in Biotechnology.

**Equal Exchange, Inc.** #2438  
 50 United Dr. EN  
 West Bridgewater, MA 02379 PreK-12  
 Phone: 774-776-7371  
 E-mail: [fundraising@equalexchange.coop](mailto:fundraising@equalexchange.coop)  
 Website: [www.equalexchange.coop](http://www.equalexchange.coop)

Equal Exchange offers organic and fairly traded foods and gifts from small-scale farmers and artisans at a 40% profit to your school or group!

**Erlab** #2266  
 388 Newburyport Turnpike B, C, EA, EN,  
 Rowley, MA 01969 G, PH, T  
 Phone: 800-964-4434 7-12, College  
 E-mail: [captairsales@erlab.com](mailto:captairsales@erlab.com)  
 Website: [www.captair.com](http://www.captair.com)

Erlab, the inventor of the ductless filtering fume hood in 1968, manufactures the Captair®, GreenFumeHood®, and Asura® filter brands. Come see the CaptairFlex fumehood and our chemical storage cabinet, Captair-Store. Committed to safety, performance, energy efficiency, and sustainability, Erlab is a valued leader in the field of toxic gas filtration for laboratories and laboratory fume hoods.

**eScience Labs, Inc.** #2174  
 1500 W. Hampden Ave. B, C, EN,  
 Sheridan, CO 80110 G, PH, PD  
 Phone: 888-ESL-KITS 10-12, College  
 E-mail: [info@esciencelabs.com](mailto:info@esciencelabs.com)  
 Website: [www.esciencelabs.com](http://www.esciencelabs.com)

eScience Labs provides complete and comprehensive hands-on science kits to support online and traditional courses in need of a laboratory solution. These are the same experiments you would find in a traditional academic lab, but designed and scaled to be performed by students anytime, anywhere.

**Esri** #1737  
 380 New York St. EA, EN  
 Redlands, CA 92373 PreK-12, College  
 Phone: 909-793-2853  
 E-mail: [info@esri.com](mailto:info@esri.com)  
 Website: [www.esri.com/education](http://www.esri.com/education)

Esri provides software, curricula, and support to enable educators and students to map and analyze their data in a Geographic Information Systems (GIS) environment. Esri's desktop and online tools allow for deep and rich analysis of scientific patterns and processes from the local to global scale.

## Exhibitors

**Estes Rockets** #2166  
1295 H St. EA, PH  
Penrose, CO 81240 3–12, College  
Phone: 719-372-6565  
E-mail: [agrimm@centurims.com](mailto:agrimm@centurims.com)  
Website: [www.esteseducator.com](http://www.esteseducator.com)

Launch learning FUN with Estes Rockets! The world's leader in model rocketry, Estes provides cost-saving rocket and engine bulk packs, curricula, and rocket accessories. Find the right lesson plan at the new [esteseducator.com](http://www.esteseducator.com).

**ETA/Cuisenaire** #1373  
500 Greenview Court B, EA, G,  
Vernon Hills, IL 60061 PH, PD, T  
Phone: 800-445-5985 PreK–12  
E-mail: [info@etacuisenaire.com](mailto:info@etacuisenaire.com)  
Website: [www.etacuisenaire.com](http://www.etacuisenaire.com)

ETA/Cuisenaire offers a wide range of products that support science, technology, engineering, and mathematics (STEM) education for every child at every level. We provide schools with tools and manipulative resources across the STEM disciplines, which support students from K–12 and beyond—and are aligned to NSE and Common Core State Standards.

**ETHOS, Inc.** #2467  
2521 Industrial Pkwy. B, G, PD, T  
Elkhart, IN 46516 PreK–10  
Phone: 574-266-7149  
E-mail: [patsy@ethosinc.org](mailto:patsy@ethosinc.org)  
Website: [www.ethosinc.org](http://www.ethosinc.org)

Science is on the go and so is the Science2Go bus. This mobile science lab is a state-of-the-art learning experience. The unit, a former school bus, was transformed into a mobile science lab by a “Dream Team” of RV builders.

**The Exploratorium** #2455  
3601 Lyon St. G, PD  
San Francisco, CA 94123 K–12  
Phone: 415-561-0313  
E-mail: [lwaite@exploratorium.edu](mailto:lwaite@exploratorium.edu)  
Website: [www.exploratorium.edu](http://www.exploratorium.edu)

The Exploratorium is a museum of science, art, and human perception located in San Francisco. We believe that following your curiosity and asking questions can lead to amazing moments of discovery, learning, and awareness, and can increase confidence in your ability to under-

stand how the world works. We also believe that being playful and having fun is an important part of the process for people of all ages.

**ExploreLearning** #1058  
PO Box 2185 B, C, EA,  
Charlottesville, VA 22902 EN, G, PH, T  
Phone: 866-882-4141 3–12  
E-mail: [sales@explorelarning.com](mailto:sales@explorelarning.com)  
Website: [www.explorelarning.com](http://www.explorelarning.com)

ExploreLearning develops online solutions to improve student learning in math and science. ExploreLearning Gizmos are the world's largest library of interactive, online simulations for math and science in grades 3–12. ExploreLearning Reflex ([www.reflexmath.com](http://www.reflexmath.com)) is the most powerful solution available for math fact fluency.

**Exploriments.com** #1966  
IL&FS Financial Centre, Third Floor PH, T  
Bandra Kurlar Complex, Bandra (East) 4–12  
Mumbai, India  
Phone: +91 9820236457  
Email: [rushikesh.bandekar@ilsets.com](mailto:rushikesh.bandekar@ilsets.com)  
Website: [www.exploriments.com](http://www.exploriments.com)

Exploriments are simulation-based interactive teaching and learning units for enhancing conceptual understanding in science in an experiential manner. Useful for teachers and students alike, Exploriments provide a highly interactive, exploratory, and engaging experience. Exploriments are available on the web, SMART Whiteboards, and iPads. For more information, visit [www.exploriments.com](http://www.exploriments.com).

**FANUC Robotics America Corp.** #1869  
3900 W. Hamlin Rd. T  
Rochester Hills, MI 48309 6–12, College  
Phone: 248-377-7654  
E-mail: [joe.cvengros@frc.com](mailto:joe.cvengros@frc.com)  
Website: [www.fanucrobotics.com](http://www.fanucrobotics.com)

As the industry leader, there are more FANUC robots working in manufacturing than any other brand. FANUC Robotics' Certified Education Robot Training (CERT) program trains students to use our robotic automation while applying science, technology, engineering, and math. Learn how CERT significantly enhances student learning and provides training with real-world industrial robots.

**FDA Food Science and Nutrition Programs** #1746  
B, C, G, PH, PD  
c/o Graduate School K–12  
600 Maryland Ave. SW, Suite 301  
Washington, DC 20024  
Phone: 202-314-4713  
E-mail: [isabelle\\_howes@graduateschool.edu](mailto:isabelle_howes@graduateschool.edu)  
Website: [www.teachfoodscience.com](http://www.teachfoodscience.com)

The FDA, in collaboration with NSTA, has created Science and Our Food Supply, an innovative, interactive, standards-based curriculum for middle level and high school science teachers. Learn about the content and find out how to get the kit at no cost. Learn how you can become an FBI agent (Food Borne Illness, that is!) at [www.teachfoodscience.com](http://www.teachfoodscience.com).

**Fisher Science Education** #647  
300 Industry Dr. All  
Pittsburgh, PA 15275 K–12, College  
Phone: 724-517-2862  
E-mail: [jill.jones@thermofisher.com](mailto:jill.jones@thermofisher.com)  
Website: [www.fisheredu.com](http://www.fisheredu.com)

As part of Thermo Fisher Scientific, the world leader in serving science, Fisher Science Education is uniquely qualified to provide science teachers with the classroom tools they need, from cutting-edge science products and resources to world-class service and exceptional value.

**Flinn Scientific, Inc.** #1167  
PO Box 219 B, C, EN, G, PH, PD  
Batavia, IL 60510 6–12  
Phone: 800-452-1261  
E-mail: [f1inn@flinnsci.com](mailto:f1inn@flinnsci.com)  
Website: [www.flinnsci.com](http://www.flinnsci.com)

Flinn Scientific is the leader in science and laboratory chemical safety. Publisher of the world-renowned *Flinn Science Catalog Reference Manual*, Flinn develops and offers a full line of chemistry, biology, physics, life science, Earth science, physical science, and safety products for middle and high schools.

**Forestry Suppliers Inc.** #1637  
205 W. Rankin St. B, C, EA, EN, G, PH  
Jackson, MS 39201 K–12, College  
Phone: 601-354-3565  
E-mail: [raddind@forestry-suppliers.com](mailto:raddind@forestry-suppliers.com)  
Website: [www.forestry-suppliers.com](http://www.forestry-suppliers.com)

Field and lab equipment for the interdisciplinary teaching of Earth, life, environmental, biological, and physical sciences. Orienteering com-

passes and curriculum materials; water, soil, and biological test kits and sampling equipment; forestry, agricultural, and horticultural equipment; soil sieves, rock picks, hammers; hand lenses, stereoscopes, weighing scales, and weather instruments; measuring tapes, mapping items, markers, survey instruments, textbooks, and field guidebooks.

**Foundation for Family Science & Engineering** #1556

G  
K-6  
4614 S.W. Kelly Ave., Suite 100  
Portland, OR 97239  
Phone: 503-245-2102  
E-mail: [info@familyengineering.org](mailto:info@familyengineering.org)  
Website: [www.familyengineering.org](http://www.familyengineering.org)

The Foundation for Family Science and Engineering supports informal science and engineering education programs that encourage children and adults to work together. Their two publications, *Family Science* (1999), and the recently published *Family Engineering* (2011) feature fun, hands-on activities and planning tips for hosting community events suitable for diverse audiences.

**Frey Scientific/School Specialty Science** #1047

G  
PreK-12  
80 Northwest Blvd.  
Nashua, NH 03063  
E-mail: [customerservice.frey@schoolspecialty.com](mailto:customerservice.frey@schoolspecialty.com)  
Website: [www.freyscientific.schoolspecialty.com](http://www.freyscientific.schoolspecialty.com)

Stop by the Frey Scientific booth to experience STEM solutions for preK-12 educators. View a presentation for iNeo/SCI®, Frey's web-based virtual lab experience and learn about product solutions for your STEM lessons using innovative technology and standards-based programs. Frey also offers lab planning as well as science supplies and equipment.

**Fuel Cells 2000** #2457

EN, G, T  
6-12, College  
1100 H St. NW, Suite 800  
Washington, DC 20005  
Phone: 202-785-4222  
E-mail: [jennifer@fuelcells.org](mailto:jennifer@fuelcells.org)  
Website: [www.fuelcells.org](http://www.fuelcells.org)

Fuel Cells 2000 provides information and resources about fuel cells and hydrogen infrastructure.

**Gardening with Kids** #2046

B  
PreK-12  
1100 Dorset St.  
South Burlington, VT 05403  
Phone: 800-538-7476  
E-mail: [customerservice@garden.org](mailto:customerservice@garden.org)  
Website: [www.kidsgardening.org](http://www.kidsgardening.org)

This nonprofit association helps teachers incorporate standards-based gardening activities into their indoor and outdoor classrooms through a broad selection of hands-on resources, kid-sized tools, exclusive activity kits, grants, books, curricula, and much more.

**GASTEC Corp.** #1266

B, C, EN  
5-12, College  
8-8-6 Fukayanaka, Ayase  
Kanagawa, 252-1195 Japan  
Phone: +81 467-79-3910  
E-mail: [international@gastec.co.jp](mailto:international@gastec.co.jp)  
Website: [www.gastec.co.jp](http://www.gastec.co.jp)

The GASTEC detector tube system provides a simple, fast, and accurate reading of many different gas concentrations. The GASTEC environmental awareness program already provides a wide range of important gas and vapor measurement experiments, including photosynthesis, human respiration, combustion, and car exhaust for science lessons in worldwide schools.

**GEICO** #1772

One GEICO Plaza  
Washington, DC 20076  
Phone: 800-368-2734  
Website: [www.geico.com](http://www.geico.com)

NSTA's partnership with GEICO gives you the benefit of great rates on auto insurance. In addition to your membership discount—which could shave as much as 8% off GEICO's already low prices—you'll also receive 24-hour service online or by phone, and efficient and fair claim handling. Visit [geico.com](http://geico.com) or call 800-368-2734 for a free quote.

**Geocaching.com** #1828

EN, G, T  
K-12, College  
837 N. 34th St., Suite 300  
Seattle, WA 98103  
Phone: 206-302-7721  
E-mail: [jessica@groundspk.com](mailto:jessica@groundspk.com)  
Website: [www.geocaching.com](http://www.geocaching.com)

Geocaching is a real-world outdoor treasure hunting game. Players try to locate hidden containers, called geocaches, using GPS-enabled devices and coordinates from [geocaching.com](http://geocaching.com).

**GetBiotechSmart.com** #1947

B  
G, PD  
6-12  
16305 Swingley Ridge Rd., Suite 150  
Chesterfield, MO 63017  
E-mail: [getbiotechsmart@adayana.com](mailto:getbiotechsmart@adayana.com)  
Website: [www.getbiotechsmart.com](http://www.getbiotechsmart.com)

*GetBiotechSmart.com*, created and funded by the United Soybean Board (USB), provides complimentary biotechnology information and tools to teachers and students. *GetBiotechSmart.com* helps teachers address many biotechnology questions and generates corresponding discussions through customizable lesson plans, teacher presentations, student video podcasts, e-Learning modules, and other resources.

**Global Ozone Project** #2128

C, EN, T  
1-12, College  
*Greenfundraiser.org*  
2100 Central Ave., Suite 105  
Boulder, CO 80301  
Phone: 303-468-9123  
E-mail: [jessae@go3project.com](mailto:jessae@go3project.com)  
Websites: [www.go3project.com](http://www.go3project.com);  
[www.greenfundraiser.org](http://www.greenfundraiser.org)

Get involved in international scientific research! In the Global Ozone (GO3) Project, students measure air pollution at their schools and share their data with the world on Google Earth. Start doing something about pollution now—while raising money for your school. Join our air pollution reduction fund-raisers at *Greenfundraiser.org*.

**The GLOBE Program** #1751

EA, EN  
K-12  
UCAR, PO Box 3000  
Boulder, CO 80307  
Phone: 303-497-2620  
Website: [www.globe.gov](http://www.globe.gov)

GLOBE is a science and education program that connects a network of students, teachers, and scientists from around the world to better understand Earth system science. By engaging students in hands-on learning of Earth system science, GLOBE is an innovative way for teachers to get students excited about scientific discovery both locally and globally. To date, students have contributed more than 23 million measurements to the GLOBE database—creating meaningful, standardized global data sets that are used in scientific research. Since beginning operations in 1995, more than 58,000 trained teachers and 1.5 million students in 112 countries have participated in GLOBE. For more information or to become involved, visit [www.globe.gov](http://www.globe.gov).

## Exhibitors

- Google** #1533  
1600 Amphitheatre Pkwy. EA, T  
Mountain View, CA 94043 K-12, College  
Phone: 650-253-6000  
E-mail: [geoeduoutreach@gmail.com](mailto:geoeduoutreach@gmail.com)  
Website: [www.google.com](http://www.google.com)
- Google's mission is to organize the world's information and make it universally accessible and useful. With regard to education, our goal is to leverage Google's strengths and infrastructure to increase access to high-quality open educational content and technology and build communities of support that encourage grassroots proliferation of innovation in education.
- Grand Classroom** #2137  
PO Box 7166 EA  
Charlottesville, VA 22906  
Phone: 800-839-6424  
E-mail: [davehenley@grandclassroom.com](mailto:davehenley@grandclassroom.com)  
Website: [www.grandclassroom.com](http://www.grandclassroom.com)
- Grand Classroom provides educational student travel to the Grand Canyon and other national parks. The tours are worry free with an emphasis on safety and fun. Grand Classroom provides superior customer service and numerous benefits for educators including free travel.
- Great Lakes Fuel Cell Education Partnership** #2237  
EN, PD, T  
6200 Frank Ave. NW 7-12, College  
North Canton, OH 44720  
Phone: 330-494-6170, x4683  
E-mail: [jlevitt@starkstate.edu](mailto:jlevitt@starkstate.edu)  
Website: [www.fuelcelleducation.org](http://www.fuelcelleducation.org)
- The Great Lakes Fuel Cell Education Partnership provides leadership in creating innovative fuel cell-related education and training programs through curriculum development and enhancement; professional development; and partnerships with high schools, institutions of higher education, businesses, and government entities to meet the future workforce needs of the fuel cell industry.
- H2O for Life** #2239  
1310 E. Hwy. 96, Suite 235 C, EN, G  
White Bear Lake, MN 55110 K-12  
Phone: 651-756-7577  
E-mail: [phall@h2oforlifeschools.org](mailto:phall@h2oforlifeschools.org)  
Website: [www.h2oforlifeschools.org](http://www.h2oforlifeschools.org)
- H2O for Life provides a transformational service-learning opportunity for students to study the global water crisis while taking action to bring water, sanitation, and hygiene education to schools around the world. We'll provide engaging science curriculum to inspire your students to take action!
- Hampden Engineering Corp.** #1068  
99 Shaker Rd. PH, T  
East Longmeadow, MA 01028 12, College  
Phone: 413-525-3981  
E-mail: [sales@hampden.com](mailto:sales@hampden.com)  
Website: [www.hampden.com](http://www.hampden.com)
- Hampden Engineering manufactures state-of-the-art education equipment. Hampden's equipment programs are used by industries, technical colleges, and universities around the world.
- HandsOn Science Partnership** #2371  
2546 15th St.  
Denver, CO 80211  
Phone: 720-932-8720  
Website: [www.handsonsciencepartnership.com](http://www.handsonsciencepartnership.com)
- The HandsOn Science Partnership is a non-profit organization that works to improve student achievement by increasing the access that students and teachers have to hands-on science and technology education equipment. We accomplish this through increased resources and support for inquiry-based curricula, tools, materials, and technology.
- HANNA® Instruments, Inc.** #2230  
270 George Washington Hwy.  
Smithfield, RI 02917  
Phone: 800-426-6287  
E-mail: [mktg@hannainst.com](mailto:mktg@hannainst.com)  
Website: [www.hannainst.com](http://www.hannainst.com)
- HANNA Instruments offers the education market with a collection of testing instruments and kits for use by educators and environmental science students. HANNA's education section has everything educators need to measure important parameters at an affordable price.
- HansonRoboKind** #2461  
10515 Lennox Lane G, PD, T  
Dallas, TX 75229 8-12, College  
Phone: 800-444-0568  
E-mail: [claud@hansonrobokind.com](mailto:claud@hansonrobokind.com)  
Website: [www.hansonrobokind.com](http://www.hansonrobokind.com)
- HansonRoboKind specializes in working with intelligent machines, featuring RoboSTEPS, robotics and computer science for secondary schools. Learn how to use the potential and practical integration of robotics in society to introduce your students to science, technology, engineering, math, and computer programming.
- Happy Feet® USA, Inc.** #2275  
1101 N. Keller Rd., Suite D  
Orlando, FL 32810  
Phone: 800-462-8677  
E-mail: [customerservice@happyfeet.net](mailto:customerservice@happyfeet.net)  
Website: [www.happyfeet.net](http://www.happyfeet.net)
- Happy Feet Therapeutic Massaging Insoles—100% glycerin filled—increase circulation and absorb shock. Happy Feet Insoles help relieve corns, calluses, heel pain, heel spurs, poor circulation, back pain, knee pain, Morton's neuroma, diabetic peripheral neuropathy, bunions, fibromyalgia, and plantar fasciitis. Come visit our booth for a free test walk!
- Hayden-McNeil Specialty Products** #1353  
B, C, EA, EN, G, PH  
14903 Pilot Dr. 10-12, College  
Plymouth, MI 48170  
Phone: 734-455-7900  
E-mail: [hayman@hmpublishing.com](mailto:hayman@hmpublishing.com)  
Website: [www.labnotebooks.net](http://www.labnotebooks.net)
- Hayden-McNeil is the leading provider of carbonless scientific notebooks for laboratory education. Our notebooks prepare students for college-level science and also qualify as valid proof of laboratory work for AP credit. Please visit our booth to learn more about this valuable tool for you and your students! [www.labnotebooks.net](http://www.labnotebooks.net)
- Health Physics Society** #2356  
1313 Dolly Madison Blvd., Suite 402 PH  
McLean, VA 22101 4-12
- The Health Physics Society is a scientific organization of professionals specializing in radiation safety. The society's goals include providing teachers with accurate and readily available instructional materials for the introduction of

radiological sciences in the classroom and a consortium of professionals for questions and career discussions.

**The HistoryMakers®** #1774  
 1900 S. Michigan Ave. G, PD  
 Chicago, IL 60616 5–12  
 Phone: 312-674-1900  
 E-mail: [abr@thehistorymakers.com](mailto:abr@thehistorymakers.com)  
 Website: [www.thehistorymakers.com](http://www.thehistorymakers.com)

The HistoryMakers presents ScienceMakers: African Americans & Scientific Innovation. ScienceMakers seeks to introduce students to STEM through the first-person stories of African-American scientists. We will be giving away free copies of the ScienceMakers Toolkit Curriculum and showing our online digital archive (<http://idvl.org/sciencemakers>).

**Holbrook Travel** #2030  
 3540 N.W. 13th St. B, EA, EN, G, PD  
 Gainesville, FL 32609 6–12, College  
 Phone: 352-377-7111  
 E-mail: [holly@holbrooktravel.com](mailto:holly@holbrooktravel.com)  
 Website: [www.holbrooktravel.com](http://www.holbrooktravel.com)

At Holbrook Travel, we've made it our mission to facilitate education and life-changing experience through authentic and engaging travel. We plan programs for educators, students, and everyone in between!

**Houghton Mifflin Harcourt** #1467  
 222 Berkeley St. B, EA, EN, G, T  
 Boston, MA 02116 1–12  
 E-mail: [carol.whalen@hmhpub.com](mailto:carol.whalen@hmhpub.com)  
 Website: [www.hmhpub.com](http://www.hmhpub.com)

The world's largest provider of materials for preK–12 learning, Houghton Mifflin Harcourt resources include The Leadership and Learning Center®, Heinemann, SkillsTutor, Riverside, Holt McDougal, Saxon, Rigby, Great Source, and Steck-Vaughn specialized curriculum. The Trade and Reference division also publishes an extensive line of nonfiction works and award-winning literature.

**Howard Hughes Medical Institute (HHMI)** #1259  
 4000 Jones Bridge Rd. B, PD  
 Chevy Chase, MD 20901 9–12, College  
 Phone: 301-215-8760  
 E-mail: [brickenj@hhmi.org](mailto:brickenj@hhmi.org)  
 Website: [www.biointeractive.org](http://www.biointeractive.org)

HHMI's *BioInteractive.org* website brings cutting-edge science into the classroom. Teach ahead of the textbook with FREE, award-winning animations, video clips, virtual labs, interactive features, classroom-ready lessons, and activities.

**IUPUI School of Education** #1424  
 902 W. New York St., ES 3116 EN, PD  
 Indianapolis, IN 46202 K–12, College  
 Phone: 281-703-5877  
 E-mail: [bplankis@iupui.edu](mailto:bplankis@iupui.edu)  
 Website: [education.iupui.edu/soe](http://education.iupui.edu/soe)

The Indiana University (IU) School of Education at IUPUI will present information on professional development opportunities for K–12 teachers and college students.

**Indiana Section of the American Association of Physics Teachers** #2170  
 E-mail: [officers@inaapt.org](mailto:officers@inaapt.org) G, PH  
 6–12, College  
 Website: [www.inaapt.org](http://www.inaapt.org)

The local section of the American Association of Physics Teachers works with educators across the state of Indiana to advance the teaching of physics and to promote appreciation of the role of physics in our culture.

**Indiana Soybean Alliance™** #2361  
 5730 W. 74th St. C, T  
 Indianapolis, IN 46278 10–12  
 Phone: 317-347-3620  
 E-mail: [carthur@indianasoybean.com](mailto:carthur@indianasoybean.com)  
 Website: [www.indianasoybean.com](http://www.indianasoybean.com)

Indiana Soybean Alliance (ISA) is a farmer-led organization charged with investing soybean checkoff funds in projects and markets, adding value to the state's soybean crop, and improving economic activity. ISA works to support Indiana's biodiesel industry through research, training, education, while supporting existing soy biodiesel and soybean crushing industry to maintain market presence.

**Indiana Space Grant Consortium** #2154  
 203 S. Martin Jischke Dr. EA  
 West Lafayette, IN 47907 PreK–12, College  
 E-mail: [dwhitaker@purdue.edu](mailto:dwhitaker@purdue.edu)

Indiana Space Grant Consortium (INSGC) is a source of NASA-related information, awards, and programs for Indiana. INSGC consists of academic, industrial, and museum/science center affiliates, and is part of the National Space Grant Program whose purpose is education, research, and outreach activities in science, mathematics, engineering, and technology.

**Industrial Test Systems, Inc.** #1930  
 1875 Langston St. EN  
 Rock Hill, SC 29730  
 Phone: 803-329-9712  
 E-mail: [rlocklair@sensafe.com](mailto:rlocklair@sensafe.com)  
 Website: [www.sensafe.com](http://www.sensafe.com)

Established in 1989, Industrial Test Systems (ITS) is a leading manufacturer of instruments and chemistries designed to test water quality parameters. ITS services industries such as municipal water treatment, food/beverage, trucking/automotive, pond/aquarium, pool/spa, and educational/medical diagnostics. ITS has developed more than 70 test and proprietary chemistries—many covered by our U.S. patents and ETV/USEPA performance-verified tests. The first and only USEPA-approved test strip was also developed by ITS.

**Insurance Institute for Highway Safety (IIHS)** #1147  
 1005 N. Glebe Rd. B, G, PH, T  
 Arlington, VA 22201 7–12  
 Phone: 703-247-1500  
 Website: [www.iihs.org](http://www.iihs.org)

IIHS is a scientific and educational organization dedicated to reducing losses from crashes on the nation's roads. As part of our effort to raise awareness, learn about two award-winning physics and biology classroom videos. Each video emphasizes that science determines what happens to vehicles and people in crashes.

## Exhibitors

### Interactive Science Programs (ISP) #1326

PO Box 6870

Wheeling, WV 26003 PreK–12, College

Phone: 304-233-1536

E-mail: [dbaynes@interactivescienceprograms.org](mailto:dbaynes@interactivescienceprograms.org)

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

ISP is the largest science and math outreach company in the nation operated by African-Americans. We go to schools and provide hands-on science enrichment, professional development, summer science camps, science and curriculum consulting, and more. We will be showing examples of inquiry-based hands-on science that ISP provides around the country.

### International Schools Services #2448

15 Roszel Rd.

All

Princeton, NJ 08543-5910

PreK–12

Phone: 609-452-0990

E-mail: [light@iss.edu](mailto:light@iss.edu)

International Schools Services (ISS) brings together the world's best teachers and the world's best schools. The demand for quality teachers and administrators is exploding worldwide. More educators than ever before are needed to teach overseas. ISS is here to help you get one of these incredible positions! We've connected to almost 20,000 of the best teachers and administrators with the best schools overseas and we're prepared to do the same for you.

### IRIS #2050

1200 New York Ave. NW, Suite 400 EA

Washington, DC 20005 K–12, College

Phone: 202-682-2220

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

IRIS is a university consortium funded by the National Science Foundation to provide facilities for education and research in seismology. IRIS provides free educational activities and resources for audiences, including K–12 and college students, teachers, and the general public. It operates global seismic networks, portable seismic instrumentation, and data access facilities.

### It's A Noisy Planet #2272

One Communication Ave.

B

Bethesda, MD 20892

3–8

Phone: 800-241-1044

E-mail: [npinfo@nidcd.nih.gov](mailto:npinfo@nidcd.nih.gov)

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

It's A Noisy Planet, a health information campaign sponsored by the National Institute on

Deafness and Other Communication Disorders, a service of the National Institutes of Health, focuses on educating parents of tweens (ages 8–12) about the dangers of noise-induced hearing loss.

### It's About Time #847

84 Business Park Dr., Suite 300 All

Armonk, NY 10504

Phone: 914-273-2233, x525

E-mail: [kangelo@heffjones.com](mailto:kangelo@heffjones.com)

Website: [www.its-about-time.com](http://www.its-about-time.com)

It's About Time can help you prepare your students for the 21st century with project-based inquiry science and mathematics curricula. Our programs engage students, increase their understanding of STEM concepts, and improve their performance on state assessments. These programs include customizable print and e-books, equipment, and technology. We also provide professional development services for successful implementation.

### Japan Artec Co., Inc. #1955

21151 S. Western Ave., Suite 201 B, C, EA,

Torrance, CA 90501

EN, G, PH

Phone: 855-247-3078

K–12

E-mail: [info@artec-educational.com](mailto:info@artec-educational.com)

Website: [www.artec-educational.com](http://www.artec-educational.com)

Artec has grown into the industry leader in Japan by producing excellent learning materials. Since 1960, we have specialized in creating stimulating products intended for individual students. Around the world, countries are putting a renewed emphasis on education with the hope of a prosperous future. Our materials are directly

applicable to school curricula. We appreciate your interest in our company and our products.

### The JASON Project #1147

44983 Knoll Square, Suite 150 All

Ashburn, VA 20147

4–12

Phone: 888-527-6600

E-mail: [info@jason.org](mailto:info@jason.org)

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

The JASON Project is an independent 501(c)(3) operated in partnership with National Geographic and Sea Research Foundation, Inc. Named for the mythological Greek explorer, JASON is a nationally acclaimed, exploration-based program that links students everywhere—inside the classroom and out—to real science and scientists through technology-intensive, inquiry-based curricula.

### Johns Hopkins University Center for Talented Youth #1372

McAuley Hall

B, C, EA,

G, PH, T

5801 Smith Ave., Suite 400

2–12

Baltimore, MD 21209

Phone: 410-735-6185

E-mail: [ctysummer@jhu.edu](mailto:ctysummer@jhu.edu)

Website: [cty.jhu.edu](http://cty.jhu.edu)

The Johns Hopkins University Center for Talented Youth (CTY) seeks talented science teachers for our summer programs and online courses in biological, chemical, physical, and field sciences. CTY's three-week residential and day summer programs for grades 2–12 and year-round online courses for grades K–12 serve academically gifted students across the United States and around the world.





**Ken-A-Vision Manufacturing Co., Inc.** #1267  
 B, C, EA, EN, G, PH, T  
 5615 Raytown Rd.  
 Kansas City, MO 64133  
 Phone: 816-353-4787  
 E-mail: [info@ken-a-vision.com](mailto:info@ken-a-vision.com)  
 Website: [www.ken-a-vision.com](http://www.ken-a-vision.com)

Ken-A-Vision is a leader in digital presentation solutions, document cameras, microscopes, and application software. For 65 years, Ken-A-Vision has created innovative and award-winning products for the global education market such as the kena™ digital microscope, the FlexCam® 2 document camera, and the Video Flex camera line. Ken-A-Vision helps students see more, do more, and learn more!

**Kendall Hunt Publishing Co.** #1447  
 B, C, EN, G, PH  
 4050 Westmark Dr.  
 Dubuque, IA 52002  
 Phone: 563-589-1075  
 E-mail: [lsteines@kendallhunt.com](mailto:lsteines@kendallhunt.com)  
 Website: [www.kendallhunt.com](http://www.kendallhunt.com)

Kendall Hunt develops inquiry- and research-based science curricula for grades K–12. Our hands-on programs are available in print and digital formats and focus on biology; the environment; Earth, life, and physical sciences; science and technology; chemistry; and forensics. Ask us about our new interactive technology curriculum for the middle grades!

**The Keystone Science School** #1635  
 EN, PD  
 1628 Sts. John Rd.  
 Keystone, CO 80435  
 Phone: 970-513-5840  
 E-mail: [alove@keystone.org](mailto:alove@keystone.org)  
 Website: [www.keystone.org](http://www.keystone.org)

At The Keystone Science School, we work with students, teachers, and communities to stimulate critical thinking through hands-on, scientific inquiry. We are committed to increasing awareness and understanding of the natural world and to providing learners of all ages and abilities with the very best skills needed to investigate and resolve complex problems.

**Kid Knowledge®** #1628  
 G  
 Three MacDonald Ave.  
 Armonk, NY 10504  
 Phone: 914-273-1879  
 E-mail: [info@kidknowledge.com](mailto:info@kidknowledge.com)  
 Website: [www.kidknowledge.com](http://www.kidknowledge.com)

Knowing Science has developed a new integrated core K–2 science curriculum that incorporates the Next Generation Science Standards as well as the latest neuroscience research on learning. Inquiry-based lessons emphasize crosscutting concepts and connections among the major areas of study—physical, life, Earth and space sciences, engineering, and technology. The program incorporates literacy and math and includes STEM kits for hands-on demonstrations of science and engineering principles. The curriculum is available now for your school or district.

**KidWind Project** #1475  
 EA, EN, G, PH, T  
 800 Transfer Rd., Suite 30B  
 St. Paul, MN 55114  
 Phone: 887-917-0079  
 E-mail: [info@kidwind.org](mailto:info@kidwind.org)  
 Website: [www.kidwind.org](http://www.kidwind.org)

The KidWind Project is a team of teachers, students, engineers, and practitioners exploring the science behind wind and other renewable forms of energy. Our goal is to make renewable energy widely accessible through hands-on activities that are challenging, engaging, and teach basic science and engineering principles.

**Kingfisher** #1351  
 B, C, EA, G, PH, T  
 175 Fifth Ave.  
 New York, NY 10010  
 Phone: 646-307-5448  
 E-mail: [marina.cambareri@macmillan.com](mailto:marina.cambareri@macmillan.com)  
 Website: [www.kingfisherbooks.com](http://www.kingfisherbooks.com)

Kingfisher is best known for its wide variety of nonfiction series for children from toddlers up to age 14. Whether about dinosaurs, physics, biology, or animals, information is provided in a fun-filled, fascinating way to encourage independent and creative-thinking in children.

**K’NEX Education** #2270  
 PH, T  
 PO Box 700  
 Hatfield, PA 19440  
 Phone: 888-ABC-KNEX (222-5639)  
 E-mail: [abcknex@knex.com](mailto:abcknex@knex.com)  
 Website: [www.knexeducation.com](http://www.knexeducation.com)

Check out our hands-on science, technology, engineering, and math (STEM) sets complete with curricula aligned to state and national standards.

**LAB-AIDS®, Inc.** #636  
 B, C, EA, EN, G, PD  
 17 Colt Court  
 Ronkonkoma, NY 11779  
 Phone: 631-737-1133  
 E-mail: [jweatherby@lab-aids.com](mailto:jweatherby@lab-aids.com)  
 Website: [www.lab-aids.com](http://www.lab-aids.com)

For nearly half a century, LAB-AIDS® has been developing, manufacturing, and publishing supplementary and core curriculum products that help students better understand science concepts through direct experience. Visit our booth to learn more about our innovative kits, modules, and curricula, including our two new high school full-year core curricula: A Natural Approach To Chemistry and SEPUP SGI: Biology. For more information, call 800-381-8003 or visit us at [LAB-AIDS.com](http://LAB-AIDS.com).

**LAB-AIDS, Inc.** #2167  
 B, C, EA, EN, G  
 17 Colt Court  
 Ronkonkoma, NY 11779  
 Phone: 631-737-1133  
 E-mail: [jweatherby@lab-aids.com](mailto:jweatherby@lab-aids.com)  
 Website: [www.lab-aids.com](http://www.lab-aids.com)

For more than 40 years, LAB-AIDS has provided the highest quality inquiry-based science products to teachers across the country. Stop by and see what’s new this year, including kits for STEM education.

**LaMotte Co.** #1032  
 EN  
 PO Box 329  
 Chestertown, MD 21620  
 Phone: 800-344-3100  
 E-mail: [mkt@lamotte.com](mailto:mkt@lamotte.com)  
 Website: [www.lamotte.com](http://www.lamotte.com)

Supporting science education for more than 90 years, LaMotte manufactures water and soil analysis test kits, curriculum packages, instruments, and sampling equipment for use in the lab and field. Motivate and empower students with hands-on activities!

## Exhibitors

**Late Nite Labs** #2358  
115 W. 30th St., Suite 111 B, C, G  
New York, NY 10001 9–12, College  
Phone: 212-629-7500  
E-mail: [zoe@latenitelabs.com](mailto:zoe@latenitelabs.com)  
Website: [www.latenitelabs.com](http://www.latenitelabs.com)

Late Nite Labs provides virtual science labs for online and blended learning programs. Our labs require no additional text or materials. Instructors use the learning management system to create and manage their courses around a series of virtual labs and assignments. Each lab is equipped with its own digital lab notebook and media player that contains background, procedures, and supporting images and video for that experiment. While the lab modules come pre-loaded with all the necessary learning components, each is fully customizable, so that instructors can mold their own unique course offering.

**Lawrence Hall of Science** #1157  
University of California at Berkeley #5200 All  
Berkeley, CA 94720-5200 K–12  
Phone: 510-642-7771  
E-mail: [seedsofscience@berkeley.edu](mailto:seedsofscience@berkeley.edu)  
Website: [www.lawrencehallofscience.org](http://www.lawrencehallofscience.org)

Lawrence Hall of Science invites you to meet our newest partner, Wireless Generation, now publisher of Seeds of Science/Roots of Reading®. The program will be featured along with selected LHS curricula, including AfterSchool KidzScience™, Great Explorations in Math and Science (GEMS), and GEMS curriculum sequences.

**Laying the Foundation, Inc.** #2460  
8350 N. Central Expwy., Suite 300 B, C, PH,  
Dallas, TX 75206 PD, T  
Phone: 888-949-9702 6–12  
E-mail: [info@lfttraining.org](mailto:info@lfttraining.org)  
Website: [www.lfttraining.org](http://www.lfttraining.org)

Laying the Foundation (LTF), a division of the National Math and Science Initiative, is a non-profit focused on providing the best content-based, pedagogy-driven, teacher-to-teacher training, supported by rigorous classroom-ready lessons and web-based resources to improve the quality of science instruction. LTF has trained more than 36,000 teachers to date and has demonstrated dramatic increases in Advanced Placement exam participation and success in biology, chemistry, physics, and middle grade sciences.

**LeadAmerica** #2337  
1515 S. Federal Hwy., Suite 301 B, G, T  
Boca Raton, FL 33432 6–12, College  
Phone: 561-368-8085  
E-mail: [info@lead-america.org](mailto:info@lead-america.org)  
Website: [www.lead-america.org](http://www.lead-america.org)

LeadAmerica is one of the nation's educational leaders in experiential learning for middle school and high school high-achieving students. We collaborate with some of the top colleges and universities throughout the U.S. to offer college immersion programs designed to better prepare students for their transition to college and beyond.

**Learning A-Z** #2055  
1840 E. River Rd., Suite 320 G  
Tucson, AZ 85718 PreK–6  
Phone: 520-232-5073  
E-mail: [thiguera@learninga-z.com](mailto:thiguera@learninga-z.com)  
Website: [www.learninga-z.com](http://www.learninga-z.com)

*ScienceA-Z.com*, the science website from Learning A-Z, offers a wide range of leveled materials for four key categories of science—life, Earth, physical, and process science. Blending literacy with dynamic science content, *ScienceA-Z.com* is designed to ensure every student can learn key science concepts and improve their reading skills.

**LEGO Education** #1357  
1005 E. Jefferson/PO Box 1707 T  
Pittsburg, KS 66762 PreK–12  
Phone: 800-362-4308  
E-mail: [bpryor@legoeducation.com](mailto:bpryor@legoeducation.com)  
Website: [www.legoeducation.com](http://www.legoeducation.com)

LEGO Education provides hands-on science, technology, engineering, and mathematics curriculum-based solutions for teachers and students. Our robotics, simple machines, energy, forces, and motorized products and activities engage and motivate students while meeting and exceeding state and national content standards.

**Lesley University** #1731  
29 Everett St. PD  
Cambridge, MA 02138 College  
Phone: 877-496-9296  
E-mail: [childerb@lesley.edu](mailto:childerb@lesley.edu)  
Website: [www.lesley.edu](http://www.lesley.edu)

A private, nonprofit university, Lesley University delivers graduate programs to teachers at more than 150 sites and 23 states. Lesley offers online and cohort programs in math, science, autism, art

integration, online teaching, special education, ESL, ELL, TESOL, technology, literacy, and more. Teachers can individually design their own degree programs to impact their skills for interventions that impact student learning. Stop by our booth to learn about our individual course offerings, certificates, endorsements, online courses, and convenient one-weekend-per-month (Saturday/Sunday) cohort programs in certain states.

**LeXsolar** #2459  
2412 Minnesota Ave., Suite 104B C, PH, T  
Washington, DC 20020 2–12, College  
Phone: 202-575-0600; 252-287-8912  
E-mail: [melvinhudson7@gmail.com](mailto:melvinhudson7@gmail.com)  
Website: [www.lexsolar.com](http://www.lexsolar.com)

We carry science lab kits for new energies such as photovoltaics, wind energy, fuel cell technology, and off-grid photovoltaics.

**LJ Create** #958  
85 Corporate Dr. B, C, EA, EN, G, PH, T  
Holtsville, NY 11742 K–12  
Phone: 800-237-3482  
E-mail: [amontalto@ljcreate.com](mailto:amontalto@ljcreate.com)  
Website: [www.ljcreate.com](http://www.ljcreate.com)

“Inspiring Tomorrow’s Scientist”—LJ Create is a world leader in the creation of teaching and learning resources for science, technology, engineering, and math. By integrating the use of 21st-century teaching methods, we have created learning materials with dynamic simulations and hands-on experimentation. These lessons are being used in new, innovative science classrooms to extend and enhance the learning experience, even where physical space is at a premium.

**Lone Star Learning** #1627  
PO Box 6606 G  
Lubbock, TX 79493 2–6  
Phone: 806-281-1424  
E-mail: [paula@lonestarlarning.com](mailto:paula@lonestarlarning.com)  
Website: [www.lonestarlarning.com](http://www.lonestarlarning.com)

We are a curriculum development company offering unique, easy-to-use visuals and interactive bulletin boards that give students specific practice needed to achieve mastery in math, science, and language arts.



**FOSS**

**FULL  
OPTION  
SCIENCE  
SYSTEM**

**3rd Edition**

# NEW

## The Next Generation of *Active Learning*

Visit us  
at Booth  
947



Using  
Formative  
Assessment



Integrating  
Science  
Notebooks



Taking  
FOSS  
Outdoors

# Active Investigation



Accessing  
FOSSweb  
and  
Technology



Engaging  
Science-  
Centered  
Language  
Development



**Delta Education**  
...because children learn by doing.®

1-800-442-5444



**School Specialty  
Science**

## Exhibitors

**Los Angeles Unified School District** #2029  
 B, C, EA, EN G, PH  
 333 S. Beaudry Ave., 15th Floor  
 Los Angeles, CA 90017  
 Phone: 213-241-5300  
 E-mail: [kpeter2@lausd.net](mailto:kpeter2@lausd.net)  
 Website: [www.teachinla.com](http://www.teachinla.com)

Los Angeles Unified School District (LAUSD), the second largest school district in the U.S., serves more than 664,000 students from diverse and culturally rich backgrounds. The district has an increasing need for additional qualified and dedicated biology, chemistry, physics, and Earth science teachers to join our ranks.

**Lynn Peavey Co.** #2053  
 10749 W. 84th Terrace  
 Lenexa, KS 66214  
 Phone: 800-255-6499  
 E-mail: [lpv@peaveycorp.com](mailto:lpv@peaveycorp.com)  
 Website: [www.lynnpeavey.com](http://www.lynnpeavey.com)

Lynn Peavey Company is the leading manufacturer of forensic supplies for educational classroom instruction. Our products are the real thing! They are used everyday by CSI's, crime labs, and property room technicians. We offer fingerprint kits, evidence packaging, alternate light sources, evidence tapes, narcotics identification, DNA and biohazard supplies, and forensic laboratory equipment.

**M & R Digital Texts, LLC** #1272  
 7945 Stanburn Rd.  
 Dublin, OH 43016-9157  
 Phone: 614-406-4750  
 E-mail: [lia7tris@live.com](mailto:lia7tris@live.com)  
 Website: [www.mrdigitaltexts.com](http://www.mrdigitaltexts.com)

Visit us to see and experience teacher-developed, classroom-tested e-books. These digital textbooks feature a year's worth of content in physical science, biology, and chemistry. Our products use colorful graphics and animations to engage students in interactive exercises, experiments, and assessments—designed to excite and motivate.

**The Markerboard People** #859  
 1611 N. Grand River Ave.  
 PO Box 80560  
 Lansing, MI 48906  
 Phone: 888-DRY-ERASE  
 E-mail: [feedback@dryerase.com](mailto:feedback@dryerase.com)  
 Website: [www.dryerase.com](http://www.dryerase.com)

We offer student dry-erase markerboards and response boards in class sets of 30 at unbeatable prices! Single- and double-sided available—perfect for graphing, handwriting, math, and science. We also offer long-lasting, nontoxic, ultra low odor markers, too!

**Marshall Cavendish International Singapore, Pte., Ltd.** #971  
 Times Centre, One New Industrial Rd.  
 Singapore 536196  
 Phone: 65-6213-9300  
 E-mail: [mcismarketing@sg.marshallcavendish.com](mailto:mcismarketing@sg.marshallcavendish.com)  
 Website: [www.marshallcavendish.com](http://www.marshallcavendish.com)

Marshall Cavendish Education is the leading K–12 educational publisher in Singapore with more than 40 years of experience in educational publishing. We are deeply committed to developing educational materials that play a critical role in raising the quality of learning. Our curriculum materials are used in more than 50 countries globally.

**McGraw-Hill School Education Group** #1057  
 8787 Orion Place  
 Columbus, OH 43240-4027  
 Phone: 212-904-6881  
 E-mail: [rose\\_presley-alston@mcgraw-hill.com](mailto:rose_presley-alston@mcgraw-hill.com)  
 Website: [www.mheonline.com](http://www.mheonline.com)

McGraw-Hill Education provides standards-based science materials incorporating the latest in curriculum solutions. Come experience our textbooks, eBooks, interactive technology, and assorted classroom resources. Our rich array of materials support all classroom learning needs. McGraw-Hill Education—Experience Matters.

**McREL** #1634  
 4601 DTC Blvd., Suite 500  
 Denver, CO 80237  
 Phone: 800-337-0991  
 E-mail: [info@mcrel.org](mailto:info@mcrel.org)  
 Website: [www.mcrel.org](http://www.mcrel.org)

Mid-continent Research for Education and Learning (McREL) is a nonprofit corporation based in Denver, Colorado. McREL's focus is on research, product development, technical assistance and training for K–12 education improvement, leadership development, standards-based instructional practice, and systemic reform.

**Merry Lea Environmental Learning** #1929  
 Center of Goshen College  
 PO Box 263  
 Wolflake, IN 46796  
 Phone: 260-799-5869  
 E-mail: [daveo@goshen.edu](mailto:daveo@goshen.edu)  
 Website: [www.goshen.edu/merrylea](http://www.goshen.edu/merrylea)

Merry Lea and Goshen College offer a Master of Arts in environmental education that is multidisciplinary and completed in 11 months. We have intensive undergraduate programs during the summer in agroecology and in the fall in a sustainability semester. Our education for science teachers is built on extensive K–12 programming.

**Millmark Education** #1446  
 7101 Wisconsin Ave., Suite 1204  
 Bethesda, MD 20814  
 Phone: 877-322-8020  
 E-mail: [info@millmarkeducation.com](mailto:info@millmarkeducation.com)  
 Website: [www.millmarkeducation.com](http://www.millmarkeducation.com)

Millmark Education specializes in resources that develop essential literacy and language skills through standards-based science and social studies content. With built-in scaffolding and guided inquiry to meet the needs of diverse learners—and teachers—our resources integrate content with essential underlying skills to help all students succeed.

**Mississippi State University** #2141  
 PO Box 5448 EA  
 Mississippi State, MS 39762 K-12  
 Phone: 662-325-9684  
 E-mail: [jbailey@aoce.msstate.edu](mailto:jbailey@aoce.msstate.edu)  
 Website: [www.distance.msstate.edu/geosciences/TIG/index.html](http://www.distance.msstate.edu/geosciences/TIG/index.html)

Discover how you can earn an MS degree in geosciences via distance learning through our Teachers in Geosciences program. Our 12-course, 36-credit hour graduate program is designed to take two years and includes courses in meteorology, geology, planetary science, oceanography, hydrology, and environmental geoscience. We have alumni in all 50 states and all students qualify for in-state tuition rates.

**Mississippi State University** #2071  
**Teachers in Biology** PD  
 PO Box 5247 K-12  
 Mississippi State, MS 39762  
 Phone: 662-325-0658  
 E-mail: [hstreet@aoce.msstate.edu](mailto:hstreet@aoce.msstate.edu)  
 Website: [www.distance.msstate.edu/tib](http://www.distance.msstate.edu/tib)

Mississippi State University now offers an MS degree in general biology online! This 33-hour program is designed for K-12 teachers and other educators. For more information, please visit [www.distance.msstate.edu/tib](http://www.distance.msstate.edu/tib).

**Molymod™ Models, Spiring** #1260  
**Enterprises Ltd.** B, C  
 Unit 8E, Gillmans Industrial Estate 6-12,  
 Natts Lane, Billingshurst College  
 West Sussex, RH14 9EZ  
 U.K.  
 Phone: +44(0)1403 782387  
 E-mail: [molymod@globalnet.co.uk](mailto:molymod@globalnet.co.uk)  
 Website: [www.molymod.com](http://www.molymod.com)

Spiring Enterprises Limited presents Moly-mod™, the original dual-scale quality system of molecular atomic models and miniDNA™ abstract system for modeling DNA, RNA protein synthesis, all designed and manufactured in England for schools, colleges, and universities. They are suitable for chemistry, science, and biology courses for ages 12 years and up.

**Visit us at Booth 1047**

## iNeO/SCI™

**A blended approach that provides a complete solution!**

**Double the power of your students' learning with on-line and hands-on labs. Web-based labs and lab kits work together for all types of learners.**

Each on-line title includes:

- Tutorials
- Virtual Lab Experiences
- Assessment
- Teacher Resources
- Learning Management System

**FREY**  
scientific

*Each hands-on kit provides an individual lab that aligns with one of the web-based labs.*

**School Specialty Science**

[www.FreyScientific.com](http://www.FreyScientific.com) 1-800-225-3739

## Exhibitors

**MONSAM Enterprises, Inc.** #1254  
2685 Pittsburg/Antioch Hwy. B, C, G  
Antioch, CA 94553 7–12, College  
Phone: 800-513-8562  
E-mail: [sales@portablesink.com](mailto:sales@portablesink.com)  
Website: [www.sciencelabportablesink.com](http://www.sciencelabportablesink.com)

We offer portable self-contained science labs. NO plumbing needed.

**NanoProfessor** #1231  
8025 Lamon Ave. B, C, PH, PD, T  
Skokie, IL 60077 9–12, College  
Phone: 847-679-Nano (6266)  
E-mail: [nanoprofessor@nanoink.net](mailto:nanoprofessor@nanoink.net)  
Website: [www.nanoprofessor.net](http://www.nanoprofessor.net)

NanoInk's NanoProfessor nanoscience education program combines cutting-edge equipment with an expert-authored curriculum to provide students a true hands-on nanoscience experience and in so doing, help them better understand and appreciate the concepts, science, and tools of nanotechnology.

**NASA SOFIA** #2067  
SOFIA EPO c/o SETI Institute B, EA, PH, PD  
189 Bernardo Ave., Suite 100 3–12  
Mountain View, CA 94043  
Phone: 650-961-6633  
E-mail: [pharman@seti.org](mailto:pharman@seti.org)  
Website: [www.seti.org/epo/sofia](http://www.seti.org/epo/sofia)

NASA's Stratospheric Observatory For Infrared Astronomy (SOFIA) is the largest portable telescope and has a program for educators to participate in a science flight. Visit us for an infrared camera demonstration, videos, posters, and lesson plans. Ask about the Airborne Astronomy Ambassador Program for educators.

**NASA Office of Education** #2159  
Science Mission Directorate B, EA  
300 E St. SW K–12  
Washington, DC 20546  
Phone: 202-870-3877  
Email: [kevin.e.durham@nasa.gov](mailto:kevin.e.durham@nasa.gov)  
Website: [www.nasa.gov](http://www.nasa.gov)

Inspiration, innovation, discovery—during the last five decades, NASA has participated in an amazing journey of discovery. Join us as we look to future challenges and adventures as we continue to push the envelope of aeronautics and prepare to launch a new space vehicle,

return to the moon, better understand our home planet, continue to explore our neighboring planets, and look to the far reaches of the universe.

**Nasco** #1170  
901 Janesville Ave. All  
Fort Atkinson, WI 53538 PreK–12  
Phone: 800-558-9595  
E-mail: [info@enasco.com](mailto:info@enasco.com)  
Website: [www.enasco.com](http://www.enasco.com)

For the past 70 years, Nasco has made a commitment to provide quality teaching aids, reliable service, realistic pricing, and most importantly, customer satisfaction. Known as “The Science Teacher’s Favorite Catalog,” Nasco offers supplies for a full-line science curriculum, including many items developed by Nasco and sold only through our catalog. Please visit us at [www.eNasco.com](http://www.eNasco.com) or call 1-800-558-9595.

**The National Academies** #1473  
500 Fifth St. NW All  
Washington, DC 20001 PreK–12, College  
Phone: 202-334-2000  
Website: [www.nationalacademies.org](http://www.nationalacademies.org)

The National Academies consists of four organizations: the National Academy of Sciences, the National Academy of Engineering, the Institute of Medicine, and the National Research Council. The National Academies bring together committees of experts in science,

technology, and medicine, offering unbiased advice to the public and federal government.

**National Assessment of Educational Progress** #1873  
1030 15th St. NW, Suite 600E G  
Washington, DC 20005 4–12  
Phone: 202-842-3600  
E-mail: [cmiller@hagerssharp.com](mailto:cmiller@hagerssharp.com)  
Website: <http://nationsreportcard.gov>

The National Assessment of Education Progress (NAEP) is the largest continuing and nationally representative assessment of what America's students know and can do. NAEP is administered by the National Center for Education Statistics within the U.S. Department of Education.

**National Association for Research in Science Teaching** #737  
12100 Sunset Hills Rd., Suite 130 B, C, EA,  
Reston, VA 20190 EN, G, PH  
K–12, College  
Phone: 703-234-4138  
E-mail: [info@narst.org](mailto:info@narst.org)  
Website: [www.narst.org](http://www.narst.org)

The National Association for Research in Science Teaching (NARST) is a worldwide organization for improving science teaching and learning through research. Since its inception in 1928, NARST has promoted research in science education and the communication of knowledge generated by that research. The ultimate goal of NARST is to help all learners achieve science literacy.



**National Atlas #1324**  
 1400 Independence Rd. B, EA, EN, G  
 Rolla, MO 65401 PreK–12, College  
 Phone: 573-308-3591  
 E-mail: [mbearden@usgs.gov](mailto:mbearden@usgs.gov)  
 Website: [www.nationalatlas.gov](http://www.nationalatlas.gov)

The National Atlas delivers products that make it easier to find, get, and use authoritative maps, geographic information, and data about America. All of our data and web-based graphics are free of charge with no restrictions on use.

**National Earth Science Teachers Association #1969**  
 EA  
 4041 Hanover Ave., Suite 100 K–12  
 Boulder, CO 80305

The National Earth Science Teachers Association (NESTA), and its flagship website, Windows to the Universe ([www.windows2universe.org](http://www.windows2universe.org)) is dedicated to providing leadership, support, and supplies to K–12 teachers so that they can provide quality Earth and space science education to their students. Stop by our booth and see what NESTA has to offer.

**National Energy Education Development Project #1874**  
 C, EA, EN,  
 8408 Kao Circle G, PH, PD, T  
 Manassas, VA 20110 K–12  
 Phone: 800-875-5029  
 E-mail: [info@need.org](mailto:info@need.org)  
 Website: [www.need.org](http://www.need.org)

The NEED Project is a nonprofit organization that provides curriculum and professional development in the field of energy. Stop by the booth to pick up sample curricula and find out about NEED events in your area.

**National Geographic Education #1247**  
 One Lower Ragsdale Dr. B, EA, EN, PD, T  
 Bldg. 1, Suite 200 PreK–12, College  
 Monterey, CA 93940  
 Websites: <http://elt.heinle.com>; [www.ngsp.com](http://www.ngsp.com)

National Geographic Learning provides a portfolio of quality materials for preK–12, academic, and adult education in the areas of ELA, ESL, reading and writing, science, social studies, and professional development. Combining print and media content in inspiring, innovative ways, the range of exciting series created by National Geographic Learning brings our world and its different cultures to life. From the classroom to the world—we honor the

mission and tradition of National Geographic Society—to inspire people to care about the planet.

**National Geographic Learning #1033**  
 20 Channel Center St. B, EA  
 Boston, MA 02210 K–5  
 Phone: 617-289-7817  
 E-mail: [marge.sousa@cengage.com](mailto:marge.sousa@cengage.com)

National Geographic Learning provides a portfolio of quality materials for preK–12, academic, and adult education in the areas of ELA, ESL, reading and writing, science, social studies, and professional development. Combining print and media content in inspiring, innovative ways, the range of exciting series created by National Geographic Learning brings our world and its different cultures to life. From the classroom to the world—we honor the mission and tradition of National Geographic Society—to inspire people to care about the planet.

**National Institute of Neurological Disorders and Stroke #1554**  
 B  
 PO Box 5801  
 Bethesda, MD 20824  
 Phone: 800-352-9424; 301-496-5751  
 E-mail: [braininfo@ninds.nih.gov](mailto:braininfo@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, educational materials, and 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 (NIDA) #1555**  
 B  
 6001 Executive Blvd., Suite 5213 K–12,  
 Bethesda, MD 20892 College  
 Phone: 301-594-6142  
 E-mail: [jnolan1@nida.nih.gov](mailto:jnolan1@nida.nih.gov)  
 Website: [www.drugabuse.gov](http://www.drugabuse.gov)

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 made available.

**National Library of Medicine #1561**  
 8600 Rockville Pike B, C, EN  
 Bethesda, MD 20894 K–12  
 Phone: 888-Find-NLM (346-3656)  
 E-mail: [custserv@nlm.nih.gov](mailto:custserv@nlm.nih.gov)  
 Website: [www.nlm.nih.gov](http://www.nlm.nih.gov)

The National Library of Medicine provides K–12 teachers and students with free, reliable science and health information resources and programs to help introduce, reinforce, and supplement education programs. Resources include biology, careers, chemistry, environmental health science, forensics, general health, and HIV/AIDS. For more information, visit [sis.nlm.nih.gov/outreach/k12.html](http://sis.nlm.nih.gov/outreach/k12.html).

**National Nanotechnology Infrastructure Network (NNIN) #1226**  
 C, PH  
 791 Atlantic Dr. NW/MIRC 6–12  
 Georgia Institute of Technology  
 Atlanta, GA 30332  
 Phone: 404-385-4307  
 E-mail: [nancy.healy@mirc.gatech.edu](mailto:nancy.healy@mirc.gatech.edu)  
 Website: <http://education.nnin.org>

NNIN is an integrated partnership of 14 user facilities, supported by NSF, providing unparalleled opportunities for nanotechnology research. In addition, we offer a large and varied education program, including resources (online and in print) and workshops for teachers—all standards based. We also have a children's magazine—*Nanooze*.

**National Optical #1641**  
 11113 Landmark 35 Dr. B  
 San Antonio, TX 78233 6–12, College  
 Phone: 800-275-3716  
 E-mail: [info@nationaloptical.com](mailto:info@nationaloptical.com)  
 Website: [www.nationaloptical.com](http://www.nationaloptical.com)

Since 1991, National Optical has offered the best value in microscopes. Our full line of products is inspected prior to shipping from our Texas facility, helping to meet your high expectations of quality. See our cordless LED microscopes, as well as state-of-the-art digital microscopes and cameras, which include powerful Motoc software for image capture, viewing, and manipulation.

## Exhibitors

**National Science Foundation #2238**  
4201 Wilson Blvd.  
Arlington, VA 22230  
Phone: 703-292-8070  
Website: [www.nsf.gov](http://www.nsf.gov)

The National Science Foundation (NSF) and NBC Learn, the education arm of NBC News, have partnered to create four free award-winning multimedia series that use the excitement of professional sports and the Olympic Games to help engage and educate students along with more great free science collections.

**National Science Foundation #2236**  
**Education & Human Resources Directorate**  
4201 Wilson Blvd.  
Arlington, VA 22230  
Phone: 703-292-8733  
E-mail: [kdavisca@nsf.gov](mailto:kdavisca@nsf.gov)  
Website: [www.nsf.gov/www.paemst.org](http://www.nsf.gov/www.paemst.org)

Come learn about resources available at the National Science Foundation, particularly

those within the Division of Research on Learning in Formal and Informal settings, such as the Presidential Awards for Excellence in Mathematics and Science Teaching (PAEMST) program.

**National Science Foundation #2234**  
**Office of Polar Programs** B, EN, G  
331 Leon Johnson  
Bozeman, MT 59717  
Phone: 406-599-1249  
E-mail: [susan.kelly@montana.edu](mailto:susan.kelly@montana.edu)

This booth, hosted by the NSF Office of Polar Programs, provides information about opportunities available for educators interested in the Polar regions. The booth will be staffed by polar-focused scientists and outreach coordinators from a variety of NSF-supported programs and will highlight professional development opportunities and classroom resources.

**The National Student Leadership #2075**  
**Conference** G  
320 W. Ohio St.  
Chicago, IL 60654  
Phone: 614-406-6114  
E-mail: [jason.aagenas@nslcleaders.org](mailto:jason.aagenas@nslcleaders.org)  
Website: [www.nslcleaders.org](http://www.nslcleaders.org)

Since 1989, tens of thousands of outstanding high school students from across the United States and around the world have come to the National Student Leadership Conference to explore the qualities of effective leadership and gain an insider perspective on today's most sought-after professions.

**Natural Learning Concepts #2341**  
21 Gallatin Dr. B, C, EA, EN, G  
Dix Hills, NY 11746  
Phone: 631-858-0188  
E-mail: [info@nlconcepts.com](mailto:info@nlconcepts.com)  
Website: [www.teachwithcartoons.com](http://www.teachwithcartoons.com)

Teach with Cartoons: Science made easy. Based on the U.S. national curriculum, this brilliant software contains the entire science curriculum for grades 6, 7, and 8 in comics! The characters are irresistible while the comics are filled with relevant content, real-life examples, audio definitions, and related worksheets—entertaining and easy to use.

## NSTA Avenue

**America's Home Energy Education Challenge**  
Booth #1657 • E-mail: [erock@nsta.org](mailto:erock@nsta.org)  
Website: [www.homeenergychallenge.org](http://www.homeenergychallenge.org)

**Disney's Planet Challenge**  
Booth #1667 • E-mail: [corrine.martinez@disney.com](mailto:corrine.martinez@disney.com)  
Website: <http://disney.go.com/planetchallenge>

**The DuPont Challenge© Science Essay Competition**  
Booth #1655 • E-mail: [p-jeanette.simon@usa.dupont.com](mailto:p-jeanette.simon@usa.dupont.com)  
Website: [www.thechallenge.dupont.com](http://www.thechallenge.dupont.com)

**The John Glenn Center for Science Education Campaign**  
Booth #1658 • E-mail: [cse@nsta.org](mailto:cse@nsta.org)  
Website: [www.nsta.org/involved/cse](http://www.nsta.org/involved/cse)

**Shell Science Lab Challenge, a program of NSTA**  
Booth #1651 • E-mail: [ecrossley@nsta.org](mailto:ecrossley@nsta.org)  
Website: [www.nsta.org/shellsciencelab](http://www.nsta.org/shellsciencelab)

**Toshiba/NSTA ExploraVision®**  
Booth #1666 • E-mail: [exploravision@nsta.org](mailto:exploravision@nsta.org)  
Website: [www.exploravision.org](http://www.exploravision.org)

**NSTA Learning Center**  
Booth #1646 • E-mail: [danderson@nsta.org](mailto:danderson@nsta.org)  
Website: <http://learningcenter.nsta.org>

**NSTA Membership**  
Booth #1659 • E-mail: [hwahlberg@nsta.org](mailto:hwahlberg@nsta.org)  
Website: [www.nsta.org/membership](http://www.nsta.org/membership)

**NSTA Nominations**  
Booth #1656 • E-mail: [nominations@nsta.org](mailto:nominations@nsta.org)  
Website: [www.nsta.org/nominations](http://www.nsta.org/nominations)

**NSTA Professional Development**  
Booth #1650 • E-mail: [dblondonville@nsta.org](mailto:dblondonville@nsta.org)  
Website: [www.nsta.org/pd](http://www.nsta.org/pd)

**NSTA New Science Teacher Academy**  
Booth #1648 • E-mail: [dblondonville@nsta.org](mailto:dblondonville@nsta.org)  
Website: [www.nsta.org/academy](http://www.nsta.org/academy)

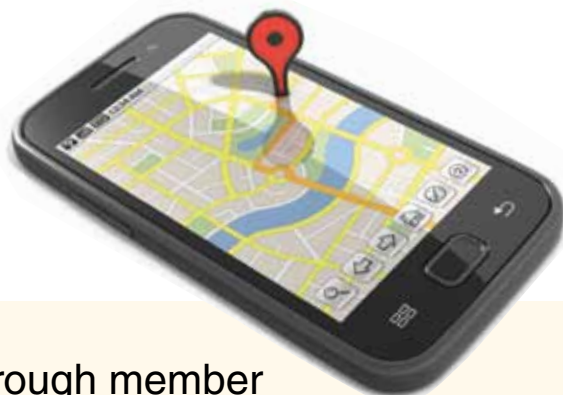
**NSTA Teacher Awards**  
Booth #1654 • E-mail: [awards@nsta.org](mailto:awards@nsta.org)  
Website: [www.nsta.org/awards](http://www.nsta.org/awards)



# We Have the Answers



**NSTA Ave**  
**#1659**



Pick up your “NSTA Roadmap” to guide you through member benefits, products, services, programs, and partners—free gifts, too!

## Share with Others

- **NSTA Membership.** Learn about NSTA member benefits, pick up a sample journal, and ask about our student chapters and other ways we support young professionals. Take charge of your professional development to become the best teacher you can be.

## Enhance Your Skills

- **NSTA Learning Center.** Select high-quality, online learning opportunities to build content knowledge. Use our suite of tools for self-assessment and to document your progress.
- **Web Seminars.** Update your content knowledge with these free, 90-minute, online presentations and join the discussion. Voice questions and share in rich conversations with the presenters and other educators.
- **SciGuides.** Use these online resources, aligned with the national standards, to locate lessons organized by grade level and specific content themes to add to your classroom instruction.
- The **NSTA New Science Teacher Academy** supports science teachers during the often challenging, initial years by enhancing confidence, classroom excellence, and teacher content knowledge.

## Expand Your Mind

- **NSTA Press®** publishes 20–25 new titles each year. Browse at the Science Bookstore and connect with authors to have your new book signed. Submit your new book idea to <http://mc.manuscriptcentral.com/nstapress>.
- **SciLinks®.** Link to science resources on the internet using sites recommended by science educators. You'll find vetted websites, effective pedagogy, and reliable content.

## Add Your Voice

- **Science Matters,** our major public awareness campaign about science education and science literacy, is designed to rekindle a national sense of urgency and action among schools and families. Register to receive our monthly e-newsletter.

- 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.

## Distinguish Yourself

NSTA provides 17 awards programs to science teachers, K–College. Learn about them [www.nsta.org](http://www.nsta.org).

Student Competitions:

- **Toshiba/NSTA ExploraVision®** is a team-based, K–12 student competition that awards up to \$240,000 in savings bonds annually.
- **THE DUPONT CHALLENGE®** Science Essay Competition is for grades 7–12 students with cash prizes and an expense-paid trip to Disney World® and the Kennedy Space Center.
- **The Siemens We Can Change the World Challenge,** a premier national environmental sustainability competition for grades K–12 students, requires creative solutions that impact our planet. More than \$300,000 in scholarships and prizes are awarded.
- **Disney's Planet Challenge** is a project-based environmental competition for grades 3–8 students to make a difference in their homes, schools, and communities.
- **Shell Science Lab Challenge** provides science laboratory equipment and professional development support to middle schools and high schools with limited resources. Learn how you can win a \$20,000 lab makeover support package.
- **America's Home Energy Education Challenge,** sponsored by the U.S. Dept. of Energy, helps grades 3–8 students learn about energy usage, costs, and conservation for \$200,000 in prizes.

## Exhibitors

**Nature Education #1330**  
 Davenport Bldg. G, PD, T  
 25 First St., Suite 104 9–12, College  
 Cambridge, MA 02141  
 Phone: 617-494-4900  
 E-mail: [natureeducation@us.nature.com](mailto:natureeducation@us.nature.com)  
 Website: [www.nature.com/principles](http://www.nature.com/principles)

From the publishers of *Nature* and other high-impact scientific journals comes *Principles of Biology*—a revolutionary digital textbook for the 21st century. Developed for major biology courses, this new offering from Nature Education combines high-quality content, streamlined classroom management tools, and instructor/student support materials into a single, cohesive teaching and learning platform.

**Navajo Jewelry & Crafts #2031**  
 2904 18th St. NW B, C, EA, EN, G, PH, T  
 Albuquerque, NM 87104 1–7  
 Phone: 505-345-5750

Handcrafted Navajo and Zuni Indian sterling silver jewelry made by ourselves, family, friends, and students.

**NEES (Network for Earthquake Engineering Simulation) #1850**  
 EA, G, PD, T  
 207 S. Martin Jischke Dr., Suite 301 PreK–12, College  
 West Lafayette, IN 47907  
 Phone: 765-496-3134  
 E-mail: [neescomm@purdue.edu](mailto:neescomm@purdue.edu)  
 Website: [www.NEES.org](http://www.NEES.org)

Visitors to the NEES display will be able to experiment with a 16-foot tsunami wave generator. Also on display will be a table-top computerized shake table and an accelerometer for Make Your Own Earthquake (MYOE) lesson modules.

**NewPath Learning #2241**  
 B K–11  
 760C Canning Pkwy. Victor, NY 14564  
 Phone: 800-507-0966  
 E-mail: [kqelke@newpathlearning.com](mailto:kqelke@newpathlearning.com)  
 Website: [www.newpathlearning.com](http://www.newpathlearning.com)

NewPath Learning's curriculum mastery games, flip charts, interactive whiteboard software, visual learning guides, and study cards provide comprehensive coverage of the current national and state standards for science and math grades K–11. The company's products are supplemented with web-based activities at [www.newpathlearning.com](http://www.newpathlearning.com).

**NOAA Office of Education #1835**  
 EA, EN, PD K–12  
 1401 Constitution Ave. NW, # 6863  
 Washington, DC 20230  
 Phone: 301-713-1208  
 E-mail: [education@noaa.gov](mailto:education@noaa.gov)  
 Website: [www.education.noaa.gov](http://www.education.noaa.gov)

The National Oceanic and Atmospheric Administration (NOAA) is a federal science agency providing free information about weather, climate, oceans, coasts, satellite data, solar weather, 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, including SciGuides, Science Objects, and web seminars for the science classroom.

**Nomad Press #1426**  
 B, C, EA, EN, G, PH, T 1–7  
 2456 Christian St. White River Junction, VT 05001  
 Phone: 802-649-1995  
 E-mail: [rachel@nomadpress.net](mailto:rachel@nomadpress.net)  
 Website: [www.nomadpress.net](http://www.nomadpress.net)

Nomad Press is an educational publisher located in Vermont, dedicated to sparking the interest of young readers in the fascinating world around them. Fun hands-on projects help kids explore the history and science behind a wide range of topics. Nomad Press books bring learning to life in a unique way, promoting independent and interactive learning.

**Norwood House Press #1626**  
 K–8  
 PO Box 316598 Chicago, IL 60631  
 Phone: 886-565-2900  
 E-mail: [ashley@norwoodhousepress.com](mailto:ashley@norwoodhousepress.com)  
 Website: [www.norwoodhousepress.com](http://www.norwoodhousepress.com)

Norwood House Press is a children's book publisher that meets the needs of the K–8 librarian and teacher. With more than 300 titles in print (plus 40 new spring 2012 titles), major series include *Second Nature*, *A Great Idea*, and *iScience Readers*, our leveled scientific inquiry series.

**NSTA 2012 Atlanta Conference on Science Education #1675**  
 1840 Wilson Blvd.  
 Arlington, VA 22201

Promoting the NSTA 2012 Atlanta Area Conference on Science Education, November 1–3, 2012.

**NSTA 2012 Louisville Conference on Science Education #1673**  
 1840 Wilson Blvd.  
 Arlington, VA 22201

Kentucky Science Teachers Association will help host the NSTA 2012 Louisville Area Conference on Science Education, October 18–20, 2012. KSTA Board members will be available to answer questions about the 2012 Louisville conference, the KSTA 2013 conference, and KSTA Midwinter break.

**NSTA 2012 Phoenix Conference on Science Education #1674**  
 1840 Wilson Blvd.  
 Arlington, VA 22201

Promoting the NSTA 2012 Phoenix Area Conference on Science Education, December 6–8, 2012. Come to Phoenix and enjoy the sunshine and the beauty of the Southwest in December as you participate in Honor the Past; Prepare the Future!

**NSTA 2013 San Antonio National Conference on Science Education #1671**  
 1840 Wilson Blvd.  
 Arlington, VA 22201

Promoting the NSTA 2013 San Antonio National Conference on Science Education, April 11–14, 2013.

**NSTA America's Home Energy Education Challenge #1657**  
 EN 3–8  
 1840 Wilson Blvd. Arlington, VA 22201  
 Phone: 703-312-9201  
 E-mail: [erock@nsta.org](mailto:erock@nsta.org)  
 Website: <http://aheec.org>

Sponsored by the U.S. Department of Energy and administered by NSTA, America's Home Energy Education Challenge is designed to educate grades 3–8 students about energy usage and energy efficiency and engage students and their families in a save energy, save money campaign. Learn about energy-efficiency resources available to schools, teachers, students, and families. Find out how your students can earn an Energy Fitness Award from the U.S. Secretary of Energy.

**Nutrients for Life Foundation** #1732  
 425 Third St. SW, Suite 950 B, EN  
 Washington, DC 20024 K-12  
 Phone: 800-962-9065  
 Website: [www.nutrientsforlife.org](http://www.nutrientsforlife.org)

It is important for students to understand the role fertilizer plays in providing the world with nutritious food. The Nutrients for Life Foundation offers free plant and soil science curricula and other resources for elementary, middle school, and high school teachers.

**Office of Naval Research** #1127  
 875 N. Randolph St.  
 Arlington, VA 22203 PreK-12, College  
 Phone: 703-696-5031  
 E-mail: [onrsc@onr.navy.mil](mailto:onrsc@onr.navy.mil)  
 Website: [www.onr.navy.mil](http://www.onr.navy.mil)

We offer education programs and funding opportunities for teachers and their students.

**Ohaus Corp.** #547  
 Seven Campus Dr., Suite 310 All  
 Parsippany, NJ 07054 K-12, College  
 Phone: 973-944-7026  
 E-mail: [debbie.foreman@ohaus.com](mailto:debbie.foreman@ohaus.com)  
 Website: [www.ohaus.com](http://www.ohaus.com)

Ohaus, the leading manufacturer of balances and scales, offers a complete array of measurement solutions for grades K-12 and beyond. Visit our booth to interact with the latest educational software linking technology and hands-on science. Explore virtual labs, review animated tutorials, and discover how this software fits your state standards.

**On the Avenue Marketing Group—The New York Times** #2135  
 613 South Ave. PreK-12, College  
 Weston, MA 02493  
 Phone: 301-461-3883  
 E-mail: [paula@ontheavenuemarketing.com](mailto:paula@ontheavenuemarketing.com)  
 Website: [www.ontheavenuemarketing.com](http://www.ontheavenuemarketing.com)

Visit *The New York Times* booth for 50% off home

delivery and receive a free gift with your new subscription. The largest metropolitan newspaper in the United States, *The New York Times* is frequently relied upon as the authoritative reference for modern day events. Subscribe today!

**Orkin** #2248  
 2170 Piedmont Rd. NE B  
 Atlanta, GA 30324 K-6  
 Phone: 800-800-Orkin (67546)  
 E-mail: [news@orkin.com](mailto:news@orkin.com)  
 Website: [www.orkin.com](http://www.orkin.com)

Orkin, a leader in pest control, engages and educates students about pests' place in the environment. When properly introduced, insects can spark your students' interest in science. Stop by our booth, pick up free pest posters for your classroom, and schedule an educational presentation delivered by the Orkin man.



Engage. Explore. Discover. Achieve.

At School Specialty we believe all students should love learning science

## INNOVATION IN K-12 CURRICULUM SOLUTIONS

Explore the advantages of School Specialty Science's premiere solutions that include best in class hands-on curriculums and lab equipment needed to engage students and build 21st Century skills.

Discover the powerful advantage of our 50 year commitment to serving K-12 educators and students to engage in a lifetime of discovery.



800-663-2182

[www.SchoolSpecialtyScience.com](http://www.SchoolSpecialtyScience.com)

## Exhibitors

**Parco Scientific Co.**  
 PO Box 851559  
 Westland, MI 48185  
 Phone: 877-592-5837  
 E-mail: [info@parcoscientific.com](mailto:info@parcoscientific.com)  
 Website: [www.parcoscientific.com](http://www.parcoscientific.com)

**PASCO scientific** #736 and #739  
 10101 Foothills Blvd. All  
 Roseville, CA 95747 PreK–12,  
 Phone: 916-786-3800 College  
 E-mail: [sales@pasco.com](mailto:sales@pasco.com)  
 Website: [www.pasco.com](http://www.pasco.com)

PASCO's award-winning SPARKscience™ solution was designed from the ground up to integrate inquiry-based science investigations within a research-based, state-of-the-art learning environment. SPARKscience provides standards-based content, relevant teacher professional development, and innovations in modern electronic measurement, for success in STEM programs.

**PBS Educational Media** #1450  
 B 2100 Crystal Dr.  
 Arlington, VA 22202 6–12, College  
 Phone: 703-739-8693  
 E-mail: [bmlambert@pbs.org](mailto:bmlambert@pbs.org)  
 Website: [shoppbs.org/teachershop](http://shoppbs.org/teachershop)

Educators, librarians, and trainers—when you want to stay current with the latest innovations in science and technology, explore fascinating ancient cultures, journey to faraway lands, or delve into an epic part of history, you want PBS Educational Media! Content rich and filled with breathtaking cinematography, every program explores the evolving perspectives of today's world that spur critical thinking. Challenge assumptions and explore new avenues of thought with the best content from public television that spans the educational range from early learners to lifelong learners. Plus, you get in-depth support from insightful viewer guides and helpful teaching materials to standards-based lesson plans designed to enhance learning opportunities at every turn. Every purchase you make comes with a full money-back guarantee!

**Pearson** #553  
 501 Boylston St. All  
 Boston, MA 02116 PreK–12  
 Phone: 800-848-9500  
 Website: [www.pearson.com](http://www.pearson.com)

Pearson, leader in preK–12 education solutions, transforms education by connecting personalized, assessment-driven programs, services, school improvement strategies, and technology that deliver improved outcomes in student performance and classroom instruction. Pearson's research-based curriculum in print, digital, or blended options engages digital natives while empowering teachers with professional development training and services.

**Penn State World Campus** #1848  
 (of the Pennsylvania State University) EA, EN  
 329 Building, Suite 408 7–12  
 University Park, PA 16802  
 Phone: 800-252-3592  
 E-mail: [pennstateonline@psu.edu](mailto:pennstateonline@psu.edu)  
 Website: [www.worldcampus.psu.edu](http://www.worldcampus.psu.edu)

Penn State World Campus online master of education in Earth sciences will help you enrich your knowledge of Earth sciences and refine your teaching skills, achieve career goals without setting foot on campus, and meet professional development requirements. Please stop by our booth to learn more about this exciting opportunity.

**PEPCO, Inc.** #1968  
 1615 Robertson Rd. B, C, EA, EN,  
 Moberly, MO 65270-0457 G, PH, T  
 Phone: 800-568-1067 4–12, College  
 E-mail: [pepcotiger@kc.rr.com](mailto:pepcotiger@kc.rr.com)  
 Website: [www.pepcoinc.com](http://www.pepcoinc.com)

PEPCO will display science furniture, tables, instructor desks, cabinetry, and stools.

**The Pet Care Trust** #2368  
 2105 Laurel Bush Rd., Suite 200 B  
 Bel Air, MD 21015 PreK–8  
 Phone: 443-640-1060  
 E-mail: [marci@ksgroup.org](mailto:marci@ksgroup.org)  
 Website: [www.petsinthe classroom.org](http://www.petsinthe classroom.org)

Pets in the Classroom is a grants program for preK–8 grade teachers to help them bring animals into the classroom environment.



# INSPIRED BY A TEACHER

*"A career in aquatic animal medicine was introduced to me by my 10th grade science teacher, Mr. Hargis. He inspired my love of the ocean, its inhabitants, and an appreciation of its fragility. Each time I release a manatee or sea turtle back to its natural habitat, he's played a role in that animal's care without even having seen it!"*

*Dr. Lara Croft,  
Veterinarian  
SeaWorld*



We're reminded daily of the importance and influence of teachers. The animals we rescue, the people we educate, and the species we save benefit from their impact. We're dedicated to sharing our passion and helping you educate your students to protect the world we share. Visit our website for resources created just for you.

  
**SeaWorld.**

**Busch**  
GARDENS.

[SeaWorld.com/teachers](http://SeaWorld.com/teachers)

## Exhibitors

**Pitsco Education** #1455  
915 E. Jefferson EA, PH, T  
Pittsburg, KS 66762 5–12, College  
Phone: 620-231-0000  
E-mail: [bockoverd@pitsco.com](mailto:bockoverd@pitsco.com)  
Website: [www.shop.pitsco.com](http://www.shop.pitsco.com)

Rocketry, alternative energy, simple machines, dragsters, and other physical science activities abound at Pitsco Education's booth to stimulate student learning. Discover the science principles these engaging activities help teach: Newton's laws of motion, aerodynamics, force and gravity, potential and kinetic energy, pneumatics and hydraulics, and many more!

**Population Connection** #1846  
2120 L St. NW, Suite 500 EN  
Washington, DC 20037 K–12  
Phone: 202-332-2200  
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 the booth for free lesson plans, posters, and workshop information.

**Project Learning Tree** #2139  
1111 19th St. NW, Suite 780 EN, PD  
Washington, DC 20036 PreK–12, College  
Phone: 202-463-2475  
E-mail: [information@plt.org](mailto:information@plt.org)  
Website: [www.plt.org](http://www.plt.org)

Project Learning Tree is a nationally award-winning environmental education program designed for preK–12 formal and nonformal educators. The supplementary materials provide hands-on/minds-on multidisciplinary activities.

**Project WET Foundation** #1733  
1001 W. Oak St., Suite 210 EN  
Bozeman, MT 59715 PreK–12  
Phone: 406-585-4189  
E-mail: [theresa.schrum@projectwet.org](mailto:theresa.schrum@projectwet.org)  
Website: [www.projectwet.org](http://www.projectwet.org)

The mission of Project WET is to reach children, parents, educators, and communities of the world with water education. We publish

water education materials in print and interactive digital format for preK–12 students and teachers. We have programs in all 50 states and more than 40 countries.

**Project WILD®** #1928  
5555 Morningside Dr., Suite 21 B, EN, PD  
Houston, TX 77005 PreK–12  
Phone: 713-520-1936  
E-mail: [info@projectwild.org](mailto:info@projectwild.org)  
Website: [www.projectwild.org](http://www.projectwild.org)

Learn about our preK–12 supplementary environmental education curriculum and professional development opportunities available throughout the nation, including Project WILD, Growing Up WILD, Flying WILD, and WET in the City.

**Promoting Students with Disabilities in Science** #1875  
606 W. Sharp G  
Spokane, WA 99201 9–12, College  
Phone: 509-328-9331  
E-mail: [doit@uw.edu](mailto:doit@uw.edu)  
Website: [www.washington.edu/doit/rde](http://www.washington.edu/doit/rde)

Our projects provide resources and share promising practices to help K–12 teachers, postsecondary educators, and employers make high-tech academic studies and careers accessible to individuals with disabilities.

**Purdue University** #1757 and #1857  
200 S. Martin Jischke Dr. All  
West Lafayette, IN 47907 K–12, College  
Phone: 765-494-4555  
E-mail: [lawarner@purdue.edu](mailto:lawarner@purdue.edu)  
Website: [www.purdue.edu](http://www.purdue.edu)

Purdue University, a major research university in central Indiana, presents programs, demonstrations, and curricular materials, including an ongoing schedule of mini lessons aimed at K–12 schools that involve all campus STEM units: the Colleges of Agriculture, Education, Engineering, Health and Human Sciences, Science, Technology, Veterinary Medicine, and Discovery Park research. [www.purdue.edu](http://www.purdue.edu)

**Purdue Agriculture** #1757 and #1857  
**Traveling Exhibit Program** All  
301 S. Second St. K–12, College  
Lafayette, IN 47901  
Phone: 765-429-5436  
E-mail: [exhibits@purdue.edu](mailto:exhibits@purdue.edu)  
Website: [www.agriculture.purdue.edu/exhibits](http://www.agriculture.purdue.edu/exhibits)

Every year, thousands of children and adults experience our hands-on, interactive exhibits focusing on world-class research from Purdue University at the Indiana State Fair. Many more experience them at museums and science centers. We combine videos, computer games, and other fun features to bring cutting-edge science and technology to life for all ages.

**Purdue University** #1757 and #1857  
**Discovery Learning** All  
**Research Center (DLRC)** K–12, College  
207 S. Martin Jischke Dr.  
West Lafayette, IN 47907  
Phone: 765-494-4555  
E-mail: [learningcenter@purdue.edu](mailto:learningcenter@purdue.edu)  
Website: [www.purdue.edu/discoverypark/learningcenter](http://www.purdue.edu/discoverypark/learningcenter)

The mission of the DLRC is to advance research that revolutionizes learning in the STEM disciplines. Through externally funded research projects, innovative programs, and collaborative partnerships, the DLRC is committed to redesigning educational practices and creating innovative learning environments that have immediate impacts and nurture lifelong learning for all students.

**Purdue University** #1757 and #1857  
**Graduate Science** All  
**Education Program** K–12, College  
100 N. University St.  
West Lafayette, IN 47907  
Phone: 765-494-9172  
E-mail: [edci@purdue.edu](mailto:edci@purdue.edu)  
Website: [www.edci.purdue.edu/science\\_education](http://www.edci.purdue.edu/science_education)

The Purdue science education graduate program offers education professionals opportunities to investigate contemporary issues related to science learning, teaching, assessing, and curriculum, in the context of K–12 schools and colleges in the areas of biology, chemistry, Earth and space sciences, geoenvironmental, and physics at the master's and doctoral levels.

**Purdue University** #1757 and #1857  
**INSPIRE** All  
 315 N. Grant St. K-12, College  
 West Lafayette, IN 47907  
 Phone: 765-496-3374  
 E-mail: [mschlutt@purdue.edu](mailto:mschlutt@purdue.edu)  
 Website: [www.engineering.purdue.edu/INSPIRE](http://www.engineering.purdue.edu/INSPIRE)

INSPIRE conducts basic and applied multi-disciplinary research in early engineering; identity and gender; and the development of students' and teachers' knowledge, attitudes, and behavior with regard to engineering. Our research focuses on four main areas—teacher professional development, assessment, student learning, and informal learning—each represented by a research team.

**Purdue University** #1757 and #1857  
**ISTEM Resource Network** All  
 Mann Hall, Suite B041 K-12, College  
 203 S. Martin Jischke Dr.  
 West Lafayette, IN 47907  
 Phone: 765-494-2757  
 E-mail: [istem@istemnetwork.org](mailto:istem@istemnetwork.org)  
 Website: [www.istemnetwork.org](http://www.istemnetwork.org)

The Indiana Science Technology Engineering Mathematics (ISTEM) Resource Network's overarching goal is to help Indiana achieve its vision of being a national leader in student academic achievement in STEM disciplines and in the quality of its workforce. The network focuses on the following goals: teaching, learning, applied research, assessment and evaluation, community partnerships, and network development.

**Purdue P-12 Portal** #1757 and #1857  
**College of Education** All  
 100 N. University St. K-12, College  
 West Lafayette, IN 47907  
 Phone: 765-494-0568  
 E-mail: [tragnew@purdue.edu](mailto:tragnew@purdue.edu)  
 Website: [www.purdue.edu/pl2portal](http://www.purdue.edu/pl2portal)

The P-12 Portal connects you with an on-line, comprehensive list of outreach activities and events from across campus. Many Purdue groups offer an abundance of options for school-aged children, parents, educators, and schools. Search for activities by topic, age group, and more.

# 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

**Purdue University** #1757 and #1857  
**USA Bio Olympiad** All  
 Purdue University K–12, College  
 Lily Hall  
 West Lafayette, IN 47907  
 Phone: 765-494-40876  
 E-mail: [cgedney@purdue.edu](mailto:cgedney@purdue.edu)  
 Website: [www.usabo-trc.org](http://www.usabo-trc.org)

As the premier biology competition for high school students in the United States, the USA Biology Olympiad (USABO) enriches the life sciences education of nearly 10,000 talented students annually. It provides the motivation, curricular resources, and skills training to take them beyond their classroom experiences to the level of international competitiveness.

**Purdue zipTrips™** #1757 and #1857  
 615 W. State St. All  
 West Lafayette, IN 47907 K–12, College  
 Phone: 765-494-8400  
 E-mail: [ziptrips@purdue.edu](mailto:ziptrips@purdue.edu)  
 Website: [www.purdue.edu/ziptrips](http://www.purdue.edu/ziptrips)

What does a scientist do? Where do they work? Introduce your students to real-life scientists through a FREE electronic field trip. Purdue zipTrips connect thousands of students across the country with real-life scientists doing cutting-edge research in real time. Excite your students about science and STEM careers.

**Purdue University** #1756  
**EPICS High School Program** PD  
 701 W. Stadium Ave.  
 West Lafayette, IN 47907  
 Phone: 765-496-1889  
 E-mail: [pdexter@purdue.edu](mailto:pdexter@purdue.edu)

EPICS High School is headquartered at Purdue University. In EPICS, students work in teams and partner with not-for-profit organizations. Students design projects to meet the needs of their partner, helping them better serve local residents. There are currently 50 U.S. EPICS schools, with 44% female and 61% underrepresented minority group participants.

**Quest Aerospace, Inc.** #2261  
 PO Box 2409  
 Pagosa Springs, CO 81147 K–12, College  
 Phone: 970-264-4050  
 E-mail: [nettie@questaerospace.com](mailto:nettie@questaerospace.com)  
 Website: [www.questaerospace.com](http://www.questaerospace.com)

Quest Aerospace excites and inspires young adults to explore the world of space and aerospace science! From micro rockets that are built for performance in a small space to high-performance rockets that use water for rocket fuel, Quest is shaping the future of model rocketry.

**Qwizdom, Inc.** #2068  
 12617 Meridian East T  
 Puyallup, WA 98373 K–12, College  
 Phone: 877-794-9366  
 E-mail: [info@qwizdom.com](mailto:info@qwizdom.com)  
 Website: [www.qwizdom.com](http://www.qwizdom.com)

Qwizdom combines advanced technology with online assessment, curriculum, and content sharing software to provide a complete instructional solution for any classroom. Qwizdom's Interactive Learning System includes student-response system "clickers" and a Q7 Presenter Tablet.

**RENKO Ltd.** #938  
 Karsiyaka Mah. Hayamana EA, EN, G, PH  
 Cad 90/B Golbasi 06830 7–12, College  
 Turkey  
 Phone: +903122131838  
 E-mail: [johnroach@renkold.com.tr](mailto:johnroach@renkold.com.tr)  
 Website: <http://rentech.com>; <http://rentech.com.tr>

We are a company that sells, researches, and develops physics experimental kits, educational tools, lab equipment, and lab appliances.

**SAE International** #1472  
 400 Commonwealth Dr. G  
 Warrendale, PA 15096 K–8  
 Phone: 800-457-2946  
 E-mail: [awim@sae.org](mailto:awim@sae.org)  
 Website: [www.awim.org](http://www.awim.org)

SAE International's A World In Motion® (AWIM) is a teacher-led program that brings STEM learning to life in the classroom (K–8). AWIM Challenges are age-appropriate design experiences constructed within the structure of the AWIM Engineering Design Experience and aligned to national science standards. Stop by our booth to see what AWIM has to offer you.

**Safari Club International** #1629  
**Foundation Sables** B  
 4800 W. Gates Pass Rd. PreK–12, College  
 Tucson, AZ 85745  
 Phone: 877-877-3265  
 E-mail: [kcrehan@safariclub.org](mailto:kcrehan@safariclub.org)  
 Website: [www.safariclubfoundation.org/sables](http://www.safariclubfoundation.org/sables)

The SCI Foundation Sables believe educators, women, and young people are the future of conservation. Sables support education programs that celebrate the North American Model of Wildlife Management. Drawings will be held for a professional development





experience at the American Wilderness Leadership School and/or a hands-on wildlife instructional kit.

**Sally Ride Science #837**  
 9191 Towne Centre Dr., Suite L101 All  
 San Diego, CA 92122 3–8  
 Phone: 800-561-5161  
 E-mail: [schools@sallyridescience.com](mailto:schools@sallyridescience.com)  
 Website: [www.sallyridescience.com](http://www.sallyridescience.com)

Dr. Sally Ride and a team of women scientists established Sally Ride Science™ to foster student interest in STEM education. Since 2001, thousands of educators across the nation have utilized the standards-based classroom materials, professional development, and cutting-edge classroom programs that bring science to life.

**Sargent-Welch #1333**  
 PO Box 4130 G  
 Buffalo, NY 14217 8–12, College  
 Phone: 800-727-4368  
 E-mail: [sarwel@sargentwelch.com](mailto:sarwel@sargentwelch.com)  
 Website: [www.sargentwelch.com](http://www.sargentwelch.com)

Find everything for science from start to finish with Sargent-Welch. From labware and equipment to comprehensive classroom design and installation, Sargent-Welch is your single source for budget-stretching solutions. Need to outfit an entire district? Our unbeatable contracts and grant match services will help you get the most for every dollar.

**SaveNature.Org #1069**  
 699 Mississippi St., Suite 106 B, EN  
 San Francisco, CA 94107 PreK–9  
 Phone: 415-648-3390  
 E-mail: [norm@savenature.org](mailto:norm@savenature.org)  
 Website: [www.savenature.org](http://www.savenature.org)

*SaveNature.Org* has the nation's most successful student-action rain forest, coral reef, and desert conservation stewardship programs. Pick up free Adopt-An-Acre® and Adopt-A-Reef® brochures. Learn about our hands-on live insects from the Insect Discovery Lab. We offer rain forest and coral reef projects to protect biodiversity in nature. Don't forget our teacher guides, books, T-shirts, and plus "I Love Bugs" stickers.

**Scarf World #2441**  
 14 Allen Court  
 Manalapan, NJ 07726  
 Phone: 917-418-8002  
 E-mail: [dknj930@aol.com](mailto:dknj930@aol.com)

Stop by our booth and check out our personal and gift products—scarves and pashminas.

**Scholastic, Inc. #1851**  
 557 Broadway G, T  
 New York, NY 10012 K–5  
 Phone: 800-scholastic (7246527842)  
 Website: [www.scholastic.com](http://www.scholastic.com)

Scholastic is the world's largest publisher and distributor of children's books and a leader in educational technology. Scholastic creates quality educational and entertaining products for use in school and at home, including children's books, magazines, technology-based products, and teacher materials.

**School of Integrative Biology, University of Illinois #1072**  
 286 Morrill Hall B, G, PD  
 505 S. Goodwin Ave. 6–12  
 Urbana, IL 61801  
 Phone: 217-377-0091  
 E-mail: [ibio-online@life.illinois.edu](mailto:ibio-online@life.illinois.edu)  
 Website: <http://sib.illinois.edu/MSONlineTeaching/index.html>

The University of Illinois School of Integrative Biology's online Masters of Science in the teaching of biological science program enables certified teachers to take up-to-date courses that are designed specifically for the online environment—whether they wish to earn the MST degree, a certificate, or enroll in individual courses.

**School Tours of America #2255**  
 PO Box 550379 B, C, EA, EN, G, PH  
 Houston, TX 77255 4–12  
 Phone: 866-543-8687  
 E-mail: [info@sta-mail.com](mailto:info@sta-mail.com)  
 Website: [www.schooltoursofamerica.com](http://www.schooltoursofamerica.com)

We are America's most experienced and trusted team of field trip planners for grades 4–12. Our customized, boutique approach has produced the most satisfied clients for three decades. Sponsors earn free graduate credit and generous rewards while students are eligible for undergraduate credit and valuable leadership credentials for college.

**Science Curriculum, Inc. #975**  
 200 Union Blvd., Suite G-18 C, PH  
 Lakewood, CO 80228 8–11  
 Phone: 888-501-0957  
 E-mail: [rstair@sci-ips.com](mailto:rstair@sci-ips.com)  
 Website: [www.sci-ips.com](http://www.sci-ips.com)

We are the publisher of critically acclaimed, inquiry-based physical science textbooks for middle school and high school, including the newly published *Introductory Physical Science (IPS)*, 9th ed. and *Force, Motion, and Energy (FM&E)*. Textbooks, teaching materials, test analysis software, graphing software, and video products will be available for review.

**Science First®/STARLAB #2153**  
 86475 Gene Lasserre Blvd. All  
 Yulee, FL 32097 PreK–12, College  
 Phone: 904-225-5558  
 E-mail: [info@sciencefirst.com](mailto:info@sciencefirst.com)  
 Websites: [www.starlab.com](http://www.starlab.com); [www.sciencefirst.com](http://www.sciencefirst.com)

Science First/STARLAB specializes in the design, manufacturing, and marketing of high-quality science educational products and portable planetariums.

**Science Kit & Boreal Laboratories #1237**  
 PO Box 5003 All  
 Tonawanda, NY 14151-5003 K–12  
 Phone: 800-828-7777  
 E-mail: [sk@sciencekit.com](mailto:sk@sciencekit.com)  
 Website: [www.sciencekit.com](http://www.sciencekit.com)

Discover easy ways to turn science lessons into STEM lessons with Science Kit. We'll show you how probeware can be easy and fun with Really-EasyData, and demonstrate real-world engineering concepts with *FUNDamentals of Physics*. Plus, our science experts will be on hand to discuss customized STEM solutions for your curriculum.

**Science Take-Out #1872**  
 PO Box 205 B  
 Pittsford, NY 14534 6–12, College  
 Phone: 585-764-5400  
 E-mail: [contact@sciencetakeout.com](mailto:contact@sciencetakeout.com)  
 Website: [www.sciencetakeout.com](http://www.sciencetakeout.com)

Looking for an easy, fun, and affordable way to do hands-on science in any educational setting? Science Take-Out kits are individually packaged so you can order just what you need. No teacher prep and no lab equipment needed—Science Take-Out kits are ready-to-go!

## Exhibitors

**Science/AAAS #1973**  
1200 New York Ave. NW B, C, EA,  
Washington, DC 20005 EN, G, PH, T  
Phone: 202-326-6417 K-12, College  
E-mail: [membership@aaas.org](mailto:membership@aaas.org)  
Website: [www.aaas.org](http://www.aaas.org)

Since 1848, AAAS and its members have worked together to advance science and serve society. As part of these efforts, AAAS publishes *Science*, a multidisciplinary peer-reviewed journal, and offers programs focused on science policy, international cooperation, science education, diversity, and career development for scientists.

**ScienceWiz™ #2351**  
4130 Lakeside Dr. C, EA, EN, G, PH  
Richmond, CA 94806 K-6  
E-mail: [drpenny@sciencewiz.com](mailto:drpenny@sciencewiz.com)  
Website: [www.sciencewiz.com](http://www.sciencewiz.com)

Stop by our booth for ScienceWiz kits, Think-in games, and web-based materials.

**Sciencerrific Games #1273**  
3538 Orchard Valley Lane G  
Spring, TX 77386 PreK-12, College  
Phone: 281-323-4760  
E-mail: [sciencerrificgames@yahoo.com](mailto:sciencerrificgames@yahoo.com)  
Website: [www.sciencerrificgames.com](http://www.sciencerrificgames.com)

Our products are fun and effective hands-on science learning games for elementary, middle school, and high school classrooms. Our products include 15 Sciencerrific Board Games, 17 Spinwheels, 11 Triconnect, 10 Tatsulok, 10 Don't-Cut-D-Pillar, and 3 Think-Tac-4. We also sell science experiment kits and models.

**Seacamp Association, Inc. #1128**  
1300 Big Pine Ave. B, EN, G, PD  
Big Pine Key, FL 33043 4-12, College  
Phone: 305-872-2331  
E-mail: [info@nhmi.org](mailto:info@nhmi.org); [info@seacamp.org](mailto:info@seacamp.org)  
Website: [www.nhmi.org](http://www.nhmi.org); [www.seacamp.org](http://www.seacamp.org)

Seacamp Association is a private, nonprofit organization which operates two programs in the Florida Keys. Newfound Harbor Marine Institute is our school-based program offering marine and environmental education programs to visiting school groups. Seacamp is our summer residential program for youth ages 12-17 years old with programs in marine science, SCUBA, sailing, and windsurfing.

**SeaWorld Parks and Entertainment #2034**  
9205 S. Park Center Loop, Suite 400 B, EN  
Orlando, FL 32819 K-12,  
E-mail: [shamu@seaworld.org](mailto:shamu@seaworld.org) College  
Website: [www.seaworld.org/teachers](http://www.seaworld.org/teachers)

Inspiring educators and students in meaningful ways is our mission, but we're also leaders in conservation, research, conservation education, and animal rescue. Visit us to learn how to tap into amazing resources that bring wild-life and wild places into your classroom and meet a few of our animal ambassadors, too.

**SETI Institute and NASA Kepler Mission #2067**  
SETI Institute B, EA, PH, PD  
189 Bernardo Ave., Suite 100 3-12  
Mountain View, CA 94043  
Phone: 650-961-6633  
E-mail: [pharman@seti.org](mailto:pharman@seti.org)  
Websites: [www.kepler.nasa.gov](http://www.kepler.nasa.gov); [www.seti.org](http://www.seti.org)

NASA's Kepler Mission is searching for hundreds of Earth-sized planets in the habitable zone of their stars. The SETI Institute, a leading astrobiology research center, offers science curriculum materials. Both the scientific search for extraterrestrial intelligence (SETI), and astrobiology will intrigue your students. Visit us to view our online classroom materials, transit detection model, videos, and posters. Ask about our summer institute for high school teachers.

**Sheldon Laboratory Systems #957**  
102 Kirk St. B, C, EA, EN, G, PH  
Crystal Springs, MS 30959 K-12, College  
Phone: 800-531-7604  
E-mail: [swalker@sheldonlabs.com](mailto:swalker@sheldonlabs.com)  
Website: [www.sheldonlabs.com](http://www.sheldonlabs.com)


Since 1898, design and quality have set Sheldon Laboratory Systems apart from others in the educational casework industry. Sheldon products are designed to be an important aid to the teaching and learning process. Over the years, Sheldon has consistently developed new products to enhance and accommodate science instructional methods. Sheldon offers an array of products specifically designed to meet the needs of instructor demonstration, student lecture and lab, material preparation, general storage, and safety.

**The Shell Science Lab Challenge #1651**  
c/o NSTA  
1840 Wilson Blvd. 6-12  
Arlington, VA 22201-3000  
Phone: 703-312-9258  
E-mail: [ecrossley@nsta.org](mailto:ecrossley@nsta.org)  
Website: [www.nsta.org/shellsciencelab](http://www.nsta.org/shellsciencelab)

NSTA and Shell have teamed up on the Shell Science Lab Challenge—an innovative competition for middle school and high school science teachers that is bringing much needed laboratory resources to school districts nationwide. Schools will compete for more than \$93,000 in prizes, including a grand-prize school science lab makeover support package valued at \$20,000. Visit us for details.

**Siemens "We Can Change the World" Challenge #1647**  
EN  
One Discovery Place K-12  
Silver Spring, MD 20910  
Phone: 240-662-2889  
E-mail: [wecanchange@discovery.com](mailto:wecanchange@discovery.com)  
Website: [www.wecanchange.com](http://www.wecanchange.com)

Join the nation's premier sustainability challenge that asks students how they can effect change in their schools, communities, and globally. Open to grades K-12; stop by or visit [www.wecanchange.com](http://www.wecanchange.com) to see how your students can change the world!

**Simulation Curriculum Corp. #747**  
 11900 Wayzata Blvd., Suite 126 EA  
Minnetonka, MN 55305 K-12,  
Phone: 952-653-0493 College  
E-mail: [mgoodman@simcur.com](mailto:mgoodman@simcur.com)  
Website: [www.simulationcurriculum.com](http://www.simulationcurriculum.com)

Simulation Curriculum is the leading developer of interactive Earth and space science curriculum solutions for schools—K-12 through college.

**Skulls Unlimited International, Inc. #969**  
B  
10313 S. Sunnlyne Rd. PreK-12,  
Oklahoma City, OK 73160 College  
Phone: 405-794-9300  
E-mail: [sales@skullsunlimited.com](mailto:sales@skullsunlimited.com)  
Website: [www.skullsunlimited.com](http://www.skullsunlimited.com)

Skulls Unlimited International is the world's leading supplier of osteological specimens, providing the finest quality and widest selection of natural bone and replica skulls and skeletons for more than

20 years. With more than 500 osteological products to choose from, Skulls Unlimited is sure to have what you are looking for.

**SMART Technologies #2456**  
 3636 Research Rd. NW All  
 Calgary, AB T2L 1Y1 PreK–12, College  
 Canada  
 Phone: 888-42-SMART  
 E-mail: [info@smarttech.com](mailto:info@smarttech.com)  
 Website: [www.smarttech.com](http://www.smarttech.com)

SMART Technologies invented the touch-sensitive SMART Board interactive whiteboard in 1991. Our intuitive technology products are now transforming learning in more than 100 countries for 20 million students. Learn more at [www.smarttech.com/edsolutions](http://www.smarttech.com/edsolutions).

**SmartSchool Systems #1066**  
 2218 Northpark Dr., Suite 202 B, C, EA,  
 Kingwood, TX 77339 EN, G, PH, T  
 Phone: 281-312-1297 PreK–12, College  
 E-mail: [david@smartschoolsystems.com](mailto:david@smartschoolsystems.com)  
 Website: [www.smartschoolsystems.com](http://www.smartschoolsystems.com)

SmartSchool Systems provides technology products for the preK–12 science classroom. The SmartScope handheld digital microscope is a great tool for all ages. The SOLUS datalogger and ONE link datalogger and sensors are affordable and easy to use for all ages.

**Society for Neuroscience #1558**  
 1121 14th St. NW, Suite 1010 B  
 Washington, DC 20005 K–12, College  
 Phone: 202-962-4000  
 E-mail: [edilger@sfn.org](mailto:edilger@sfn.org)  
 Website: [www.sfn.org](http://www.sfn.org)

Spark curiosity for brain science in your classroom with Society for Neuroscience's free educational resources and hands-on Brain Awareness Week activities. Meet neuroscientists at our booth and in workshops, "*The Developing Brain: What Science Teaches Us About Life Experience*" and "*Engaging Classrooms on Animal Research*."

**Society for Science & the Public #1350**  
 G, PD  
 1719 N St. NW 6–12  
 Washington, DC 20036  
 Phone: 202-785-2255  
 E-mail: [ssnyder@societyforscience.org](mailto:ssnyder@societyforscience.org)  
 Website: [www.societyforscience.org](http://www.societyforscience.org)

Society for Science & the Public (SSP) engages middle and high school students, teachers, and the public in scientific research and education through award-winning publications *Science News* and *Science News for Kids*. Offerings include a SSP Fellowship for Teachers program and inspiring world-class science education programs: the Intel International Science and Engineering Fair (Intel ISEF), Intel Science Talent Search (STS), and Broadcom MASTERS.

**Soil Science Society of America #1931**  
 EA, EN  
 5585 Guilford Rd. 4–12  
 Madison, WI 53711  
 Phone: 608-273-8080  
 E-mail: [info@soils.org](mailto:info@soils.org)  
 Website: [www.soils.org/lessons](http://www.soils.org/lessons)

Connecting all life and all ecosystems, soils play a vital role in sustaining human welfare and assuring environmental sustainability and agricultural productivity. Visit our booth for resources, activities, and information on soils and learning about our "Ask a Soil Scientist" program.

**Space Camp® and Aviation® Challenge #967**  
 C, EA, EN, G, PH, PD  
 One Tranquility Base 3–12, College  
 Huntsville, AL 35805  
 Phone: 800-63-SPACE  
 E-mail: [tomw@spacecamp.com](mailto:tomw@spacecamp.com)  
 Website: [www.spacecamp.com](http://www.spacecamp.com)

Space Camp and Aviation Challenge engage in simulated astronaut and fighter pilot training to learn STEM. Trainees train to live and work in space and take command space missions. Aviation Challenge trainees train like military fighter pilots as they plan missions and fly jet simulators. Come experience the ultimate classroom!

**Space Foundation #2350**  
 All  
 4425 Arrowswest Dr. PreK–12,  
 Colorado Springs, CO 80907 College  
 Phone: 719-576-8000  
 Website: [www.spacefoundation.org](http://www.spacefoundation.org)

The Space Foundation's Education Team supports teachers and preK–12 and college students using standards-based curricula that integrates science, technology, engineering, and math (STEM) into all content areas. Investing in teachers significantly increases student achievement and increases the opportunity for success in all areas. Teachers play the most critical role in our commitment to inspire, enable, and propel humanity.

**Spark UCAR Science Education #1753**  
 EA  
 1850 Table Mesa Dr. PreK–12, College  
 Boulder, CO 80305  
 Phone: 303-497-1000  
 Website: <http://eo.ucar.edu>

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.

**Speak Easies #2468**  
 B  
 5423 Yerba Buena Rd. 5–12  
 Santa Rosa, CA 95409  
 Phone: 707-539-9236  
 E-mail: [info@speakeasies.biz](mailto:info@speakeasies.biz)  
 Website: [www.speakeasies.biz](http://www.speakeasies.biz)

At Speak Easies, you'll find colorful magnetic manipulatives showing biological structures and processes for assembly on your markerboard during lecture and review. These engaging hands-on aids help all students understand and retain complex concepts. Go kinesthetic with Speak Easies!

## Exhibitors

**Spongelab Interactive®** #1430  
590 King St. W B, C, EA, EN, G, PH, T  
Toronto, ON M5V 1M3 6–12, College  
Canada  
Phone: 416-703-9753  
E-mail: [jeremy@spongelab.com](mailto:jeremy@spongelab.com)  
Website: [www.spongelab.com](http://www.spongelab.com)

Spongelab is a global science community fostering sharing, collaborating, and contributing around the world. We are a leader in innovative technologies for teaching and learning with a mission to inspire learners to be passionate about the world around them. We build content-rich teaching tools using 3-D environments and game-based learning to provide the latest in communication tools and educational resources.

**steadyGROWpro** #2231  
2025 N. Wabash St. B  
Kokomo, IN 46901 3–12  
Phone: 800-236-6915  
E-mail: [ttrobaugh@syndicatesales.com](mailto:ttrobaugh@syndicatesales.com)  
Website: [www.steadygrowpro.com](http://www.steadygrowpro.com)

SteadyGROWpro offers soil-less classroom growing kits which can be used without the mess, bacteria, and insects produced by soil and other soil mixes. These kits consist of an inert and sterile growing media often used by commercial growers to help maximize results when growing indoor food crops and ornamental plants.

**The STEM Academy, Inc.** #1572  
8322 W. Cantera All  
Peoria, AZ 85383 6–12  
Phone: 888-STEM101  
E-mail: [info@stem101.org](mailto:info@stem101.org)  
Website: [www.stem101.org](http://www.stem101.org)

Up to 15 NSTA conference participating schools will qualify for a \$2,500 STEM Jump-Start Grant Award. Discover STEM curriculum that improves STEM literacy for all students through the application of science and mathematics utilizing engineering habits of the mind. STEM 101 curriculum was collaboratively developed by K–12 teachers, university educators, industry partners, and engineering and biomedical professionals to promote full STEM literacy for all students. Visit our booth for details.

**STEMscopes™** #2146  
**Rice University** B, EA, EN, G, PD, T  
6100 Main MS-112 K–12  
Houston, TX 77005  
Phone: 713-348-3741  
E-mail: [reid@rice.edu](mailto:reid@rice.edu)  
Website: [www.STEMscopes.com](http://www.STEMscopes.com)

We are an online, comprehensive curriculum program for K–12 science and biology. We basically took the state standards—Texas Essential Knowledge and Skills (TEKS)—and created units for each TEKS objective called SCOPEs. Each SCOPE contains 2–30 learning activities that are either teacher led or student driven and organized into the 5E model! It is really cool and schools and school districts that have used us have seen their science scores increase as much as 40%! We are currently in more than 110 school districts in Texas as well as more than 500 schools.

**Stokes Publishing Co.** #1026  
1292 Reamwood Ave. EN, PH, T  
Sunnyvale, CA 94089 3–12  
Phone: 800-550-5254  
E-mail: [jwehrly@stokespublishing.com](mailto:jwehrly@stokespublishing.com)  
Website: [www.stokespublishing.com](http://www.stokespublishing.com)

Stop by and see our timers—MyChron student timers, NEW self-projecting TeachTimer II, and the Hall Pass Timer. We also offer our unique UV Checker and other science resource materials.

**STR—School Technology Resources** #2066  
5274 Scotts Valley Dr., Suite 204 B, EA, EN, G, T  
Scotts Valley, CA 95066 PreK–12, College  
Phone: 877-395-1001  
E-mail: [sales@strscopes.com](mailto:sales@strscopes.com)  
Website: [www.strscopes.com](http://www.strscopes.com)

STR is the exclusive provider of quality handheld video camera microscopes, including Scope-On-A-Rope and Dlite Microscope, plus education kits with the widest range of magnification lenses, accessories, and curricula for science. Our level of service is unparalleled; having specialized in this technology since the beginning 15 years ago.

**Stratasys Inc.** #1257  
7665 Commerce Way T  
Eden Prairie, MN 55344  
Phone: 952-937-3000  
E-mail: [info@stratasys.com](mailto:info@stratasys.com)  
Website: [www.stratasys.com](http://www.stratasys.com)

Stratasys 3-D Printers turn 3-D digital data into real plastic models. Students make their ideas real with Stratasys 3-D Printers!

**Swift Optical Instruments, Inc.** #1641  
11113 Landmark 35 Dr. B  
San Antonio, TX 78233 6–12, College  
Phone: 877-967-9438  
E-mail: [cynthia@swiftoptical.com](mailto:cynthia@swiftoptical.com)  
Website: [www.swiftoptical.com](http://www.swiftoptical.com)

A leader in the manufacturing of microscopes, Swift Optical brings a NEW LOOK and dimension to teaching. Visit our booth for the latest in microscopes and digital applications. Learn how simple it is to “go digital” in your classroom. Experience the new Swift M3-F Forensics comparison microscope. Known for quality and innovation, Swift Optical now provides teachers with complete microscope solutions!

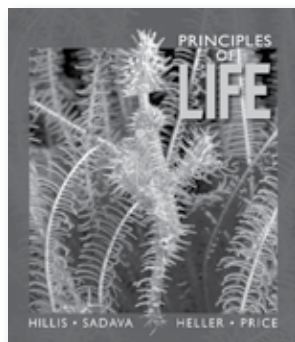
**Sylvan Dell Publishing** #1773  
612 Johnnie Dodds Blvd. B, EA, EN, G, PD, T  
.Suite A2 PreK–6, Colleg  
Mount Pleasant, SC 29464  
Phone: 843-971-6722  
E-mail: [leegerman@sylvandellpublishing.com](mailto:leegerman@sylvandellpublishing.com)  
Website: [www.sylvandellpublishing.com](http://www.sylvandellpublishing.com)

Sylvan Dell’s mission is to excite children’s imaginations with engaging, fun-to-read picture books. Our “Science and Math through Literature Program” integrates reading, science, math, geography, character skills, and language learning through cross-curricular activities. Every title includes three interactive quizzes, a “For Creative Minds” educational section, and 40–60 pages of teaching activities.

# BEDFORD, FREEMAN & WORTH HIGH SCHOOL

highschool.bfwpub.com

AVAILABLE FOR AP\* BIOLOGY



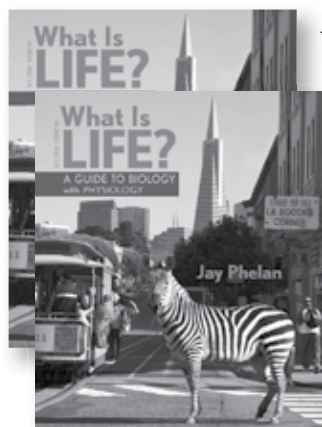
## PRINCIPLES OF LIFE

David M. Hillis  
David Sadava  
H. Craig Heller  
Mary V. Price

### ***The course is changing. When will you?***

The best book for the AP\* Biology Redesign, this innovative text emphasizes conceptual learning with a focus on data analysis. Your students will enjoy the clear authorial style, the free interactive media tools, and the free iPad app in the iTunes App Store. You will appreciate the redesign-specific tools that are sure to make your life easier.

NOW AVAILABLE IN A NEW EDITION



## WHAT IS LIFE?

The Science of Biology,  
Second Edition

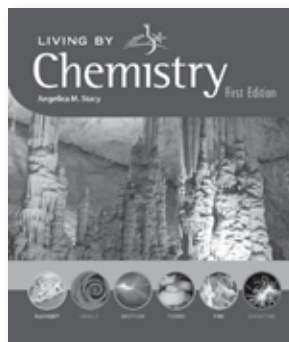
## WHAT IS LIFE?

WITH PHYSIOLOGY,  
Second Edition

Jay Phelan

Jay Phelan's engaging writing style and colorful presentations bring science to life for your students. No other text connects science to everyday life so clearly—while cleverly teaching the scientific method, critical thinking, and data analysis and interpretation.

NOW AVAILABLE FROM W. H. FREEMAN

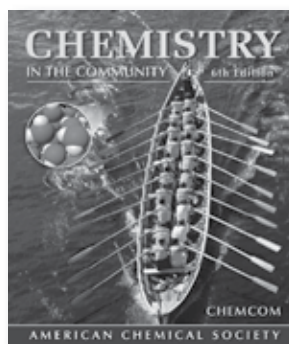


## LIVING BY CHEMISTRY

Angelica M. Stacey

Designed to help all students to learn real chemistry, *Living By Chemistry* is a full-year high school curriculum that exceeds state and national standards. Using a standards-based, guided-inquiry approach, students ask questions, collect evidence, and think like scientists.

NOW AVAILABLE—THE NEW CHEMCOM!



## CHEMISTRY IN THE COMMUNITY (CHEMCOM)

Sixth Edition

American Chemical Society

Informed by extensive feedback including a comprehensive BSCS review, the new *ChemCom* features a significant revision with a number of important enhancements based on current educational research. These changes promote more effective learning along with a richer student experience of exploring chemical phenomena.

For more about these and other outstanding titles, including all media and packaging options, please visit the Bedford, Freeman & Worth (BFW) NSTA booth, #1356, in Indianapolis.

\*AP is a trademark registered and/or owned by the College Board, which was not involved in the production of, and does not endorse, this product.

## Exhibitors

**Teacher Created Materials #2059**  
5301 Oceanus Dr. B, EA, G, PD, T  
Huntington Beach, CA 92649 PreK–12  
Phone: 800-858-7339  
E-mail: [customerservice@tcmpub.com](mailto:customerservice@tcmpub.com)  
Website: [www.tcmpub.com](http://www.tcmpub.com)

Teacher Created Materials is a California-based educational publishing company with worldwide distribution publishing, award-winning research, and standards-based educational resources for preK–12 classrooms. Specializing in supplemental materials and professional development training, Teacher Created Materials provides classroom-tested products for all areas of the curriculum to educators around the globe.

**Ten80 Education #1539**  
2901 N. Davidson St. EN, G, PH, PD, T  
Charlotte, NC 28205 3–12, College  
Phone: 855-836-8033  
E-mail: [info@ten80education.com](mailto:info@ten80education.com)  
Website: [www.ten80education.com](http://www.ten80education.com)

Experience STEM math modeling on a race-track with Ten80 Student Racing Challenge: NASCAR STEM Initiative. Test-drive after-school and summer camp activities. Check out the SolidWorks 3-D Wind Tunnel. Navigate the track or take a look at school-year practice league curricula options. How do you get to Carnegie Mellon? Practice. Practice. Practice.

**TERC #1668**  
2067 Massachusetts Ave. All  
Cambridge, MA 02140 PreK–12, College  
Phone: 617-873-9600  
E-mail: [cori\\_mykoff@terc.com](mailto:cori_mykoff@terc.com)  
Website: [www.terc.edu](http://www.terc.edu)

TERC is a STEM education research and development organization that provides innovative programs, products, and curricula for K–12 and adult learners.

**Texas Instruments #336**  
PO Box 650311 B, C, G, PH, PD, T  
Dallas, TX 75265 7–12, College  
Phone: 800-TI-CARES  
E-mail: [ti-cares@ti.com](mailto:ti-cares@ti.com)  
Website: [education.ti.com](http://education.ti.com)

Supporting each educator's vision of student success in math and science, TI's versatile education technology, curricular support materials, and professional development can help

enhance teaching and learning. Learn how the latest TI-Nspire™ handhelds and software can deepen understanding and how the wireless TI-Navigator™ system enables real-time assessment. Visit [education.ti.com](http://education.ti.com).

**Thermo Scientific #846**  
5225 Verona Rd. C, EN, PH  
Madison, WI 53711 8–12, College  
Phone: 608-273-6822  
E-mail: [joni.miller@thermo.com](mailto:joni.miller@thermo.com)

Stop by and see our visible and UV spectrophotometers.

**Thermo Scientific #1729**  
1316 18th St. G  
Two Rivers, WI 54241 College  
Phone: 920-793-1121  
Website: [www.thermoscientific.com](http://www.thermoscientific.com)

Demand Thermo Scientific products to accelerate discovery and move science forward. The Thermo Scientific portfolio includes a broad array of high-quality instruments, reagents, laboratory consumables, equipment, and services—designed to help you run your laboratory at peak performance, from start to finish. See the entire Thermo Scientific lineup at [www.thermoscientific.com](http://www.thermoscientific.com).

**Tongfang Zhihaole Education #2360**  
**Science & Technology Co.** All  
Room 1701, Tower A K–12  
Tsinghua Tongfang High-Tech Plaza, No. 1  
Wangzhuang Rd.  
Haidian, Beijing  
Peoples Republic of China  
Phone: +86-10-68434764  
E-mail: [lichangwen@tfedu.net](mailto:lichangwen@tfedu.net)  
Website: [www.tfedu.net](http://www.tfedu.net)

We offer educational software and e-schoolbags.

**Toshiba America, Inc. #1672**  
1251 Avenue of the Americas, Suite 4110 All  
New York, NY 10020 K–12  
E-mail: [mfisher@tai.toshiba.com](mailto:mfisher@tai.toshiba.com)  
Website: [www.toshiba.com](http://www.toshiba.com)

Toshiba—the sponsor of ExploraVision, the world's largest K–12 science competition that awards up to \$240,000 in savings bonds each year—is celebrating the program's 20th year by giving away 20 Toshiba Tablets. Toshiba America Foundation is a grant-making non-profit organization funding K–12 teachers.

**Toshiba/NSTA ExploraVision #1666**  
1840 Wilson Blvd. G, T  
Arlington, VA 22201  
Phone: 800-EXPLOR9  
E-mail: [exploravision@nsta.org](mailto:exploravision@nsta.org)  
Website: [www.exploravision.org](http://www.exploravision.org)

To help celebrate its 20th anniversary and show its support for the education community, ExploraVision will give away a Toshiba Tablet every single hour during exhibit hours. Conference attendees can enter once per hour, but only one Tablet will be awarded per person. Winners will be announced at the 45-minute mark of every hour and you must be present to win.

**TPS Publishing Inc. #2073**  
24307 Magic Mountain Pkwy. B, C, EA, EN,  
Suite 62 G, PH, PD  
Valencia, CA 91355 PreK–12  
Phone: 866-417-9384  
E-mail: [maz@tpsublishing.com](mailto:maz@tpsublishing.com)  
Website: [www.tpsublishing.com](http://www.tpsublishing.com)

We offer K–12 inquiry-based science activities aligned to curriculum. Science is a verb! Let's do it! Critical thinking with a science focus. Wonderful forensic science materials and innovative crafting for science that is especially good for ELL/special education students. Visitors may win a daily raffle prize!

**Triangle Coalition for Science #1832**  
**and Technology Education** PD  
1840 Wilson Blvd., Suite 201 K–12  
Arlington, VA 22201  
Phone: 703-516-5960  
E-mail: [culbertsonk@triangle-coalition.org](mailto:culbertsonk@triangle-coalition.org)  
Website: [www.trianglecoalition.org](http://www.trianglecoalition.org)

Representing the Albert Einstein Distinguished Educator Fellowship Program, Triangle will provide information on the program, the work of Fellows, and the process of becoming a Fellow.

**TruGreen #850**  
860 Ridge Lake Blvd. B  
Memphis, TN 38120 K–5  
E-mail: [susannaweston@trugreenmail.com](mailto:susannaweston@trugreenmail.com)  
Website: [www.mybotanicplanet.com](http://www.mybotanicplanet.com)

The nation's largest professional lawn care service and a ServiceMaster company, TruGreen debuts the new *MyBotanicPlanet.com* educational character and U.S. standardized curriculum. TruGreen collaborated with Memphis Botanic Garden on this free online resource

that inspires K–5 students' interest in the plant world with hands-on botany lessons and related interactive games.

**U.S. Dept. of Education** #2131  
 400 Maryland Ave. SW  
 Washington, DC 20202  
 Phone: 800-872-5327  
 E-mail: [education@custhelp.com](mailto:education@custhelp.com)  
 Website: [www.ed.gov](http://www.ed.gov)

The U.S. Department of Education establishes policy as well as administers and coordinates most federal assistance to education. The Department also assists the president in executing his education policies for the nation and in implementing laws enacted by Congress. The Department's mission is to serve America's students—promoting student achievement and preparing for global competitiveness.

**U.S. Dept. of Energy** # 2271  
**Biological and Environmental Research Program** B, EN  
 6–12, College  
 One Bethel Valley Rd., MS 0335  
 Oak Ridge, TN 37830  
 Phone: 865-574-0597  
 Website: [www.genomicscience.energy.gov](http://www.genomicscience.energy.gov)

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

**U.S. Dept. of Energy,** #2430  
**Office of Fossil Energy** EA  
 1000 Independence Ave. SW K–12  
 Washington, DC 20585  
 Phone: 202-586-6503  
 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 DOE's Office of Fossil Energy. We are working on such priority projects as pollution-free coal plants, more productive oil and gas fields, and carbon capture, utilization, and storage.

**U.S. Forest Service** #2332  
 1400 Independence Ave. SW EN  
 MS-1147 K–12  
 Washington, DC 20250-1147  
 Phone: 202-205-0986  
 E-mail: [scummings@fs.fed.us](mailto:scummings@fs.fed.us)  
 Website: <http://fs.usda.gov/conservationeducation>

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

**University of Florida Forensic Science and Pharmaceutical Chemistry** #2148  
 B, C, PD  
 College  
 University of Florida, PO Box 100484  
 Gainesville, FL 32611-0484  
 Websites: [www.forensicscience.ufl.edu](http://www.forensicscience.ufl.edu);  
<http://pharmchem.cop.ufl.edu>

The University of Florida's award-winning forensic science master's degree is the world's largest and most prestigious forensic science program, with more than 700 graduates. Designed for today's working professionals, the program is offered entirely online, so students can work comfortably at home.

**University of Northern Iowa** #1028  
**Overseas Placement Service for Educators** C, PH  
 K–12  
 102 Gilchrist Hall  
 Cedar Falls, IA 50614-0390  
 Phone: 319-273-2083  
 E-mail: [tracey.godon@uni.edu](mailto:tracey.godon@uni.edu)  
 Website: [www.uni.edu/placement/overseas](http://www.uni.edu/placement/overseas)

The University of Northern Iowa (UNI) Overseas Placement Service assists certified elementary and secondary educators with an interest in teaching in American international K–12 schools around the world. The centerpiece of our service is the annual UNI Overseas Recruiting Fair, held in early February. UNI has served more than 25,000 educators since 1976. Stop by our booth to learn more: [www.uni.edu/placement/overseas](http://www.uni.edu/placement/overseas).

**University of West Alabama** #2359  
**Online** PD  
 UWA Station 46 PreK–12, College  
 Livingston, AL 35470  
 Phone: 877-892-1835  
 E-mail: [online@uwa.edu](mailto:online@uwa.edu)  
 Website: [www.online.uwa.edu](http://www.online.uwa.edu)

The University of West Alabama Online (UWA) offers more than 30 affordable graduate programs, including M.Ed. and MAT programs in mathematics education, completely online. UWA online courses are offered in an eight-week format five times per year, allowing online students to complete their program at an accelerated pace. Go to [online.uwa.edu](http://online.uwa.edu).

**USDA: Food Safety Inspection Service** #2028  
 B  
 5601 Sunnyside Ave. 2–8  
 Beltsville, MD 20705  
 Phone: 301-344-4764  
 E-mail: [donna.karlsons@fsis.usda.gov](mailto:donna.karlsons@fsis.usda.gov)  
 Website: [www.fsis.usda.gov](http://www.fsis.usda.gov)

The Food Safety exhibit will showcase the Food Safe Families campaign and provide teachers with information on the four steps to help prevent food-borne illness—Clean, Separate, Cook, and Chill.



## Exhibitors

**USGS** #1766  
12201 Sunrise Valley Dr. B, EA, EN, G  
Reston, VA 20192-002 K-12, College  
Phone: 888-275-8747  
Website: [www.usgs.gov/ask](http://www.usgs.gov/ask)

The U.S. Geological Survey (USGS) is a science agency that serves the nation by providing reliable scientific information to describe and understand Earth; minimize loss of life and property from natural disasters; manage water, biological, energy, and mineral resources; and enhance and protect our quality of life.

**Vandalia Science Education** #1331  
1111 Veterans Memorial Blvd. B, C, G, PH  
Huntington, WV 25701 6-12, College  
Phone: 304-529-0803  
E-mail: [cassie.vickers@vandaliaresearch.com](mailto:cassie.vickers@vandaliaresearch.com)  
Website: [www.lyleandlouise.com](http://www.lyleandlouise.com)

Vandalia Science Education is the maker of the forensic science education series “The Mystery of Lyle and Louise.” The kits teach 14 forensic techniques to middle school, high school, and undergraduate students. Each kit ties into a common murder mystery scenario and can be easily integrated into an existing curriculum.

**Vernier Software & Technology** #436  
13979 S.W. Millikan Way B, C, EA,  
Beaverton, OR 97005 EN, G, PH, T  
Phone: 888-837-6437 3-12, College  
E-mail: [info@vernier.com](mailto:info@vernier.com)  
Website: [www.vernier.com](http://www.vernier.com)

Vernier Software & Technology is a leading innovator of scientific data-collection technology. Focused on STEM, Vernier is dedicated to developing creative ways to teach and learn using hands-on science. Vernier creates easy-to-use and affordable science interfaces, sensors, and graphing/analysis software. Vernier’s technology-based solutions enhance STEM education, increase learning, and build students’ critical-thinking skills.

**VEX Robotics, Inc.** #831  
1519 Interstate 30 West T  
Greenville, TX 75402 5-12, College  
Phone: 903-453-0800  
E-mail: [info@vexrobotics.com](mailto:info@vexrobotics.com)  
Website: [www.vexrobotics.com](http://www.vexrobotics.com)

The VEX Robotics Design System is an affordable, accessible and scalable robotics platform

being used around the world to inspire and educate students about STEM.

**W.H. Freeman** #1356  
Bedford, Freeman & Worth (BFW) All  
Publishers 9-12, College  
41 Madison Ave.  
New York, NY 10010  
Phone: 866-843-3715  
E-mail: [cweiss@bfpwpub.com](mailto:cweiss@bfpwpub.com)  
Website: [www.highschool.bfpwpub.com](http://www.highschool.bfpwpub.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 visit [www.bfpwpub.com/highschool](http://www.bfpwpub.com/highschool) to request complimentary consideration copies.

**WARD’S Natural Science** #1436  
PO Box 02912 All  
Rochester, NY 14692-9012 7-12, College  
Phone: 800-962-2660  
E-mail: [customer\\_service@wardsci.com](mailto:customer_service@wardsci.com)  
Website: [www.wardsci.com](http://www.wardsci.com)

For 150 years, WARD’S Natural Science has set the standard for superior biology and geology specimens, backed by in-house expertise. Our latest innovations for AP science, forensics, health science, and more continue to bring serious science into your classroom. See live specimens and hands-on demos, and don’t miss our raffles and giveaways for teachers.

**Water Environment Federation** #1952  
601 Wythe St. EN  
Alexandria, VA 22314 K-12  
Phone: 703-684-2400  
E-mail: [publiceducation@wef.org](mailto:publiceducation@wef.org)  
Website: [www.wef.org](http://www.wef.org)

The Water Environment Federation (WEF) is a not-for-profit technical and education organization representing water quality professionals around the world. WEF uses the collective knowledge of its membership to further a shared goal of improving water quality.

**Wavefunction, Inc.** #1029  
18401 Von Karman Ave., Suite 320 C  
Irvine, CA 92612 8-12, College  
Phone: 949-955-2120  
E-mail: [sales@wavefun.com](mailto:sales@wavefun.com)  
Website: [www.wavefun.com](http://www.wavefun.com)

We offer cutting-edge software for students and teachers of chemistry—that is what Wavefunction is all about. “Odyssey” and “Spartan-Model” are easy to use and facilitate discovery-based learning and classroom demonstrations. Catalyze your students’ understanding with the tremendous power of molecular visualization! Affordable pricing available for single users, schools, and districts.

**We Add Up** #1770  
PO Box 255 EN  
Willoughby, OH 44096 PreK-12, College  
E-mail: [jill@weaddup.com](mailto:jill@weaddup.com)  
Website: [www.weaddup.com](http://www.weaddup.com)

We Add Up is an organic cotton T-shirt campaign that counts you on your green commitments and is a school fund-raiser program. Join the count!

**WeatherBug® Schools** #2130  
12410 Milestone Center Dr. EA, EN  
Germantown, MD 20876 1-12  
Phone: 301-250-4059  
E-mail: [jferro@weatherbug.com](mailto:jferro@weatherbug.com)  
Website: [www.weatherbugschools.com](http://www.weatherbugschools.com)

WeatherBug Schools combines a fully automated weather station with interactive tools and activities that support STEM concepts and help protect students and staff with advanced warning of lightning and severe weather. In addition, the weather data and images are accessible on mobile phones, tablets, and by television stations across the country.

**WebAssign** #2251  
1791 Varsity Dr., Suite 200 C, PH  
Raleigh, NC 27606 9-12  
Phone: 919-829-8181  
E-mail: [msantos@webassign.net](mailto:msantos@webassign.net)  
Website: [www.webassign.net](http://www.webassign.net)

The independent online homework and assessment solution, WebAssign continues to innovate. WebAssign makes online homework easy by providing precoded questions from more than 500 leading titles from every major publisher. New student tools and new faculty functionality make



WebAssign your indispensable partner in education. Stop by our booth to learn more.

**WestEd** #2347  
730 Harrison St. All  
San Francisco, CA 94107 PreK–12  
Phone: 415-565-3000  
E-mail: [info@wested.org](mailto:info@wested.org)  
Website: [www.wested.org](http://www.wested.org)

Visit WestEd for research-based services and professional development designed to advance quality science education. Our booth will feature informative materials that help promote excellence, achieve equity, and improve learning for all students. Take home great ideas and resources that can be put to use immediately.

**Western Governors University** #2348  
4001 South 700 East, #700 PD  
Salt Lake City, UT 84107 K–12  
Phone: 866-225-5948  
Website: [www.wgu.edu](http://www.wgu.edu)

The Teachers College at Western Governors University offers regionally, nationally, and NCATE, accredited online competency-based master's degrees in science education with specializations in chemistry, physics, biology, and geosciences. As a student, you'll enjoy modest tuition rates, unbelievable flexibility, and unmatched student support. Scholarships and financial aid are available.

**WhiteBox Learning** #2355  
14600 Woodbluff Trace EA, EN, G, PH, T  
Louisville, KY 40245 5–12, College  
Phone: 800-592-3460, x1  
E-mail: [graham@whiteboxlearning.com](mailto:graham@whiteboxlearning.com)  
Website: [www.whiteboxlearning.com](http://www.whiteboxlearning.com)

“Connect the Virtual to the Physical”—White-Box Learning is a complete standards-based STEM learning system. The world's only truly “cloud”-based 3-D virtual-modeling STEM learning system. Flight 2.0, Structures 2.0, Green Car 2.0, Rockets 2.0, and Dragster 2.0 allow students to simulate their designs and compete “virtually” 24/7 all around the world . . . how cool is that?!

**Wikki Stix Co.** #2346  
11034 N. 23rd Dr., #103 B, EA, G  
Phoenix, AZ 85029 PreK–12, College  
Phone: 800-869-4554  
E-mail: [info@wikkistix.com](mailto:info@wikkistix.com)  
Website: [www.wikkistix.com](http://www.wikkistix.com)

We offer a hands-on creative medium for making cross sections, displays, 3-D models, and more. Our products are mistake proof; easy to use, made in America, nontoxic, and endlessly reusable.

**Wild Iris Publishing** #1325  
PO Box 454 B, EN, G  
Butler, OH 44822 PreK–6  
Phone: 419-989-2394  
E-mail: [orders@curious-critters.com](mailto:orders@curious-critters.com)  
Website: [www.curious-critters.com](http://www.curious-critters.com)

*Curious Critters*—an award-winning picture book featured by Animal Planet, *Scientific American*, and *School Library Journal*. Have fun teaching science with stunning photographs and playful prose as well as 21 common North American animals. *Curious Critters* meets all NRC's K–4 national life science standards. Free 4-in-1 educational game with purchase. Meet author David FitzSimmons Thursday, Friday, and Saturday!

**Wiley** #2338  
111 River St.  
Hoboken, NJ 07030  
Phone: 201-748-6000  
E-mail: [info@wiley.com](mailto:info@wiley.com)  
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, education materials, professional and consumer books, and subscription services. [www.wiley.com](http://www.wiley.com)

**Wisconsin Bench Manufacturing** #2259  
507 E. Grant St. B, C, T  
Thorpe, WI 54771  
Phone: 800-242-2303  
E-mail: [sales@wibench.com](mailto:sales@wibench.com)  
Website: [www.wibenchmfg.com](http://www.wibenchmfg.com)

Wisconsin Bench Manufacturing provides educational market solutions, specifically for science labs and technical classrooms. We will be showcasing our Greenguard-certified repositionable casework, our AWIQCP premium-grade laminate modular and custom casework and lockers; our FSC-certified casework, lockers, and countertops; and our Greenguard-certified workstations, shelving, and mobile solutions. More information at [www.wibenchmfg.com](http://www.wibenchmfg.com).



## Exhibitors

---

### **Wisconsin Fast Plants® Program #1853**

University of Wisconsin B, EN, G  
1630 Linden Dr. K–12, College  
Madison, WI 53706

The Wisconsin Fast Plants Program freely shares innovative ideas for teaching life and environmental science at all levels with this rapid-growing model organism. We bring to NSTA and share online a wealth of resources; this school year we feature an elementary integrated science/language/math program and middle- and high school-level bioenergy and AP labs.

### **Workman Publishing Co. #2367**

225 Varick St. B, EA, EN, G  
New York, NY 10014-4381 5–12, College  
Phone: 800-722-7202, x7572  
E-mail: [mrockliff@workman.com](mailto:mrockliff@workman.com)  
Website: [www.workman.com](http://www.workman.com)

The Workman family of imprints publishes products for all ages. Featured titles include *The Book of Potentially Catastrophic Science*, *Potato Chip Science*, *Catch the Wind/Harness the Sun*, and *The Elements* by Theodore Gray.

### **World Book Classroom #1073**

233 N. Michigan Ave. B, EA, EN, G, T  
Chicago, IL 60601 3–7  
Phone: 800-975-3250  
Website: [www.worldbookonline.com](http://www.worldbookonline.com)

World Book publishes a collection of digital preK–12 educational and reference products, featuring the *World Book Classroom* suite of sites, including *Science Power*, a supplemental instructional resource for grades 3–7 classrooms. *Science Power*, with 24/7 access, provides the tools educators need to teach science content, track student understanding, and support differentiated instruction.

### **World Precision Instruments, Inc. #1067**

175 Sarasota Center Blvd. B, C  
Sarasota, FL 34240 9–12, College  
Phone: 941-371-1003  
E-mail: [joannem@wpiic.com](mailto:joannem@wpiic.com)

World Precision Instruments (WPI) has been providing bioscience instrumentation to teachers and research scientists for more than 40 years. This year at NSTA we are featuring

our line of quality glassware and chemistry-related products competitively priced to satisfy any lab searching for value. Also on display and not to miss are our dissecting kits, glassware, lab frameworks, stir plates, and more.

### **WorldStrides #2147**

218 W. Water St. All  
Charlottesville, VA 22902 5–12, College  
Phone: 800-688-8584  
E-mail: [requestinfo@worldstrides.org](mailto:requestinfo@worldstrides.org)  
Website: [www.worldstrides.org](http://www.worldstrides.org)

For more than 40 years, WorldStrides has set itself apart as the premier accredited student travel organization in the nation. 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 2012 Indianapolis NSTA Conference



All NESTA sessions are in the Westin Indianapolis, Grand Ballroom 5, unless otherwise indicated

## Friday, March 30

- 9:30 – 10:30 am **NESTA Geology Share-a-Thon**
- 11:00 am – noon **NESTA Atmospheres, Oceans, and Climate Change Share-a-Thon**
- 12:30 – 1:30 pm **NESTA Earth System Science Share-a-Thon**
- 2:00 – 3:00 pm **American Geophysical Union Lecture!** “*FrankenClimate: The Perils of Engineering Our Way Out of Global Warming*”, by Prof. Gabriel Filippelli, Indiana Convention Center, Sagamore Ballroom 3
- 2:00 – 3:00 pm **Drama in Near Earth Space – The Sun, Space Weather, and Earth’s Magnetic Field As We Approach Solar Maximum!**, Westin Grand Ballroom 3
- 3:30 – 4:30 pm **Earth and Space Science Education Today in K-12: Status and Trends at the State and National Levels**
- 6:30 – 8:00 pm **Friends of Earth Science Reception**, Westin Grand Ballroom 1

## Saturday, March 31

- 8:00 – 9:00 am **Activities Across the Earth System**
- 9:30 – 10:30 am **Strategies for Teaching Charged Topics in the Earth Science Classroom**
- 11:30 – 1:00 pm **NESTA Earth and Space Science Educator Luncheon**, “*Dust in the Wind – The Geological Record of Ancient Atmospheric Circulation*” by Prof. Steven Hovan, Westin State Room, tickets available through NESTA only at [www.nestanet.org](http://www.nestanet.org), \$40/person in advance. A few tickets may be available on 3/31 at \$45/person on-site.
- 2:00 – 3:00 pm **NESTA Astronomy, Space, and Planetary Science Share-a-Thon**
- 2:00 – 3:00 pm **Our Changing Planet**, Westin Grand Ballroom 3
- 3:30 – 5:00 pm **NESTA Rock and Mineral Raffle**
- 5:30 – 7:00 pm **NESTA Annual Membership Meeting**

NESTA gratefully acknowledges co-sponsorship of our events by the following organizations:



# Index of Exhibitor Workshops

## AAAS (Booth Nos. 1973 and 1975)

Saturday, March 31 9:00 AM–12 Noon 203, Convention Center Using the NSDL Science Literacy Maps

## AASHTO (Booth No. 1574)

Friday, March 30 4:00–5:30 PM 203, Convention Center RIDES for Higher Achievement in Math and Science

## Academy of Model Aeronautics (Booth No. 2173)

Friday, March 30 8:00–9:30 AM 101, Convention Center STEM activities flying model aircraft in your classroom!

## Adam Equipment Inc. (Booth No. 959)

Thursday, March 29 4:00–5:30 PM 203, Convention Center Hydrates: It Must Be Something in the Water!  
Friday, March 30 8:00–9:30 AM 203, Convention Center Hydrates: It Must be Something in the Water!

## Aerospace Industries Association (Booth No. 2437)

Saturday, March 31 8:00–9:30 AM 105, Convention Center Team America Rocketry Challenge: Rocketry in the Classroom

## AIMS Education Foundation (Booth No. 1758)

Thursday, March 29 11:30 AM–1:00 PM 101, Convention Center Digging into the Geosphere  
Friday, March 30 4:00–5:30 PM 101, Convention Center Investigating Magnetism with AIMS

## Anatomy in Clay® Learning System (Booth No. 1027)

Friday, March 30 10:00–11:30 AM 201, Convention Center Increase Student Success with the Anatomy in Clay® Learning System

## Animalearn (Booth No. 2339)

Saturday, March 31 8:00–9:30 AM 106, Convention Center Adventure into the Digital Biology Classroom: Revolutionizing Science Education

## Arbor Scientific (Booth No. 1347)

Friday, March 30 2:00–3:30 PM 103, Convention Center Motivate Your Students! Exciting Demonstrations Using Cool Tools for Force and Motion!

## Benchmark Education Co. (Booth No. 2056)

Saturday, March 31 8:00–9:30 AM 101, Convention Center Making Science Accessible to English Language Learners

## Bio-Rad (Booth No. 841)

Thursday, March 29 8:00–9:30 AM 108, Convention Center Bio-Rad: Implementing a Skills-based Biotech Program with Author Kirk Brown  
Thursday, March 29 9:00–11:30 AM 107, Convention Center Bio-Rad Crime Scene Investigator PCR Basics Kit  
Thursday, March 29 10:00–11:30 AM 108, Convention Center Bio-Rad: Explore Inquiry and Ecology with Biofuel Enzymes (AP Big Idea 4)  
Thursday, March 29 1:00–2:30 PM 108, Convention Center Bio-Rad: Integrated Molecular Biology Labs for College Level  
Thursday, March 29 1:00–3:30 PM 107, Convention Center Bio-Rad GMO Investigator Kit  
Friday, March 30 8:00–9:30 AM 108, Convention Center Bio-Rad—Explore Inquiry and Ecology with Biofuel Enzymes (AP Big Idea 4)  
Friday, March 30 9:00–11:30 AM 107, Convention Center Bio-Rad. Explore Molecular Evolution using Protein Electrophoresis (AP Big Idea 1)  
Friday, March 30 10:30 AM–12 Noon 108, Convention Center Bio-Rad. Inquiry Activities for pGLO™ Transformation (AP Big Idea 3)  
Friday, March 30 1:00–2:00 PM 108, Convention Center Bio-Rad Genes in a Bottle™ Kit  
Friday, March 30 1:00–3:30 PM 107, Convention Center Bio-Rad. Forensic DNA Fingerprinting Kit (AP Big Idea 3)  
Friday, March 30 3:00–4:30 PM 108, Convention Center Bio-Rad. ELISA and Swine Flu

## Index of Exhibitor Workshops

### Bio-Rad, cont.

Saturday, March 31	8:00–9:30 AM	107, Convention Center	Finding Funds for Biotech - Grant Writing Workshop
Saturday, March 31	10:00–11:00 AM	107, Convention Center	Bio-Rad Genes in a Bottle™ Kit

### BIOZONE International (Booth No. 1452)

Thursday, March 29	11:30 AM–1:00 PM	103, Convention Center	BIOZONE Biology Workbooks and Presentation Media (Grades 9–12)
Thursday, March 29	1:30–3:00 PM	103, Convention Center	AP Biology: Strategies for Teaching Within the New Framework
Friday, March 30	10:00–11:30 AM	103, Convention Center	Environmental Science: Use Recent Case Studies to Teach Core Content
Friday, March 30	12 Noon–1:30 PM	103, Convention Center	BIOZONE Biology Workbooks and Presentation Media (Grades 9–12)

### Carolina Biological Supply Co. (Booth No. 100)

Thursday, March 29	9:30–11:00 AM	145, Convention Center	Introduction to Electrophoresis
Thursday, March 29	9:30–11:00 AM	144, Convention Center	Autopsy: Forensic Dissection Featuring Carolina's Perfect Solution® Pigs
Thursday, March 29	9:30–11:00 AM	143, Convention Center	An Invitation: Getting Started with the Next Generation Science Framework
Thursday, March 29	11:30 AM–1:00 PM	143, Convention Center	Engineering in the Classroom: Opportunities for Integrating Across Your Curriculum
Thursday, March 29	11:30 AM–1:00 PM	144, Convention Center	Comparative Mammalian Organ Dissection with Carolina's Perfect Solution® Specimens
Thursday, March 29	11:30 AM–1:00 PM	145, Convention Center	Introduction to Wisconsin Fast Plants®
Thursday, March 29	1:30–3:00 PM	144, Convention Center	Introducing Inquiry into the Chemistry Lab: Thermochemistry and Voltaic Cells
Thursday, March 29	1:30–3:00 PM	145, Convention Center	Hands-On Science with Classroom Critters
Thursday, March 29	1:30–3:00 PM	143, Convention Center	Integrating Literacy Strategies into Science Instruction
Thursday, March 29	3:30–5:00 PM	143, Convention Center	Immerse Your Students in an Ocean Sciences Curriculum Sequence for Grades 3–5
Thursday, March 29	3:30–5:00 PM	145, Convention Center	Introduction to Protozoa
Thursday, March 29	3:30–5:00 PM	144, Convention Center	Take the Leap: Carolina's Perfect Solution® Frog Dissection
Friday, March 30	8:00–9:30 AM	144, Convention Center	Exploring Feline Anatomy with Carolina's Perfect Solution® Cats
Friday, March 30	8:00–9:30 AM	143, Convention Center	The Science and Writing Connection: Increasing Achievement of Diverse Learners in Both Domains
Friday, March 30	8:00–9:30 AM	145, Convention Center	Butterflies in Your Classroom
Friday, March 30	10:00–11:30 AM	143, Convention Center	A Natural Fit: The Integration of Science and the Common Core
Friday, March 30	10:00–11:30 AM	145, Convention Center	Genetics with Drosophila
Friday, March 30	10:00–11:30 AM	144, Convention Center	Picking Apart the Owl Pellet's Potential
Friday, March 30	12 Noon–1:30 PM	144, Convention Center	Carolina's Young Scientist's Dissection Series
Friday, March 30	12 Noon–1:30 PM	143, Convention Center	Mathematics + Literacy + the Common Core
Friday, March 30	12 Noon–1:30 PM	145, Convention Center	Exploring Gene Function in <i>C. elegans</i> : Mutations and RNA Interference
Friday, March 30	2:00–3:30 PM	143, Convention Center	Moving Toward Inquiry: Managing Change in Your District
Friday, March 30	2:00–3:30 PM	144, Convention Center	Comparative Vertebrate Anatomy with Carolina's Perfect Solution® Specimens
Friday, March 30	2:00–3:30 PM	145, Convention Center	Carolina™ Investigations for AP* Biology Labs
Friday, March 30	4:00–5:30 PM	144, Convention Center	Introducing Inquiry into the Chemistry Lab: Colligative Properties
Friday, March 30	4:00–5:30 PM	145, Convention Center	Hands-On Science with Classroom Critters
Saturday, March 31	8:00–9:30 AM	144, Convention Center	Rats! Inquiry-based Dissection with Carolina's Perfect Solution® Specimens

## Index of Exhibitor Workshops

### Carolina Biological Supply Co., cont.

Saturday, March 31	8:00–9:30 AM	145, Convention Center	Making Guided Inquiry Work in Five Steps with Carolina's Inquiries in Science®
Saturday, March 31	10:00–11:30 AM	145, Convention Center	Strawberry DNA and Molecular Models
Saturday, March 31	10:00–11:30 AM	144, Convention Center	Drive Student Inquiry with Carolina's Advanced Environmental Science Labs
Saturday, March 31	12 Noon–1:30 PM	144, Convention Center	Bonding with Carolina™ Chemistry
Saturday, March 31	12 Noon–1:30 PM	145, Convention Center	Introduction to Wisconsin Fast Plants®
Saturday, March 31	2:00–3:30 PM	144, Convention Center	SQUID INK-UIRY: Inquiry-based Invertebrate Anatomy Through Squid Dissection
Saturday, March 31	2:00–3:30 PM	145, Convention Center	Forensics for the Biology Laboratory

### Cengage Learning (Booth No. 1327)

Saturday, March 31	10:00–11:30 AM	137, Convention Center	Forensic Science: A High School Integrated Science Solution
--------------------	----------------	------------------------	---

### CPO Science/School Specialty Science (Booth No. 1146)

Thursday, March 29	8:00–9:30 AM	139, Convention Center	Chemistry and the Atom: Fun with Atom Building Games!
Thursday, March 29	10:00–11:30 AM	139, Convention Center	Genetics: Crazy Traits and Adaptation Survivor
Thursday, March 29	12 Noon–1:30 PM	139, Convention Center	Sound, Waves, and Music
Thursday, March 29	2:00–3:30 PM	139, Convention Center	Light and Optics: A Series of EnLIGHTening Experiments!
Thursday, March 29	4:00–5:30 PM	139, Convention Center	Genetics: Crazy Traits and Adaptation Survivor
Friday, March 30	8:00–9:30 AM	139, Convention Center	Genetics: Crazy Traits and Adaptation Survivor
Friday, March 30	10:00–11:30 AM	139, Convention Center	Chemistry and the Atom: Fun with Atom Building Games!
Friday, March 30	12 Noon–1:30 PM	139, Convention Center	Light and Optics: A Series of EnLIGHTening Experiments!
Friday, March 30	2:00–3:30 PM	139, Convention Center	Sound, Waves, and Music
Friday, March 30	4:00–5:30 PM	139, Convention Center	Chemistry and the Atom: Fun with Atom Building Games!

### Delta Education/School Specialty Science (Booth No. 947)

Thursday, March 29	8:00–9:15 AM	138, Convention Center	Learning the Design Process—Experiment or Product?
Thursday, March 29	10:00–11:15 AM	138, Convention Center	Delta Science Modules (DSM)—Never Heard of Them? Want to Know More?
Thursday, March 29	1:00–2:30 PM	138, Convention Center	What's Going on in There? Inquiry Science for Supervisors, Teacher Trainers, and Trainers
Thursday, March 29	3:00–4:30 PM	138, Convention Center	Science Gnu—Scientists—Famous and Forgotten and Their Process Skills
Friday, March 30	8:00–9:15 AM	138, Convention Center	Inquiring Minds Provide Spark for Science Lessons
Friday, March 30	10:00–11:15 AM	138, Convention Center	Integrating Science and Literacy: Grades 1–6
Friday, March 30	1:00–2:15 PM	138, Convention Center	Are You a Problem (Solving) Teacher? Want to Become One?

### Delta Education/School Specialty Science–FOSS (Booth No. 947)

Thursday, March 29	8:00–10:00 AM	137, Convention Center	The Next Generation of Active Learning with FOSS Third Edition
Thursday, March 29	10:30 AM–12 Noon	137, Convention Center	Using FOSSweb 2.0 and Technology to Support Learning
Thursday, March 29	1:00–3:00 PM	137, Convention Center	Taking Science Outdoors with FOSS K–6
Thursday, March 29	3:30–5:00 PM	137, Convention Center	Science-centered Language Development Using FOSS
Friday, March 30	8:00–10:00 AM	137, Convention Center	Out of This World! Planetary Science for Middle School
Friday, March 30	10:30 AM–12:30 PM	137, Convention Center	Using Science Notebooks to Impact Student Learning with FOSS
Friday, March 30	2:00–4:00 PM	137, Convention Center	FOSS Formative Assessment: Making Student Thinking Visible

### Dinah-Might Adventures, LP (Booth No. 1159)

Friday, March 30	4:00–5:30 PM	Wabash Blrm. 1, Conv. Center	Notebook Foldables®—Let Them “Envelope” You
Saturday, March 31	12 Noon–1:30 PM	Wabash Blrm. 2, Conv. Center	What the Hands Do, the Brain Does: Notebook Foldables® for Lasting Understanding

## Index of Exhibitor Workshops

### Dinah-Might Adventures, LP, cont.

Saturday, March 31	2:00–3:30 PM	Wabash Blrm. 2, Conv. Center	How Dirty Is Your Windshield: Foldable® Formative Assessment
--------------------	--------------	------------------------------	--

### Discovery Education (Booth No. 1567)

Thursday, March 29	7:30–9:00 AM	110, Convention Center	It's How They Learn: 21 Ways to Use Discovery Education
Thursday, March 29	9:30–11:00 AM	110, Convention Center	Stand Back! We're Using Discovery Education's Science Techbook
Thursday, March 29	11:30 AM–1:00 PM	110, Convention Center	Siemens STEM Academy: Top FREE STEM Resources for Your Classroom
Thursday, March 29	1:30–3:00 PM	110, Convention Center	I Just Want to Sublimate: Phasing Digital Media into Your Science Classroom
Thursday, March 29	3:30–5:00 PM	110, Convention Center	Science of Everyday Life
Friday, March 30	8:00–9:30 AM	110, Convention Center	I Just Want to Sublimate: Phasing Digital Media into Your Science Classroom
Friday, March 30	10:00–11:30 AM	110, Convention Center	Effective Evaluation with Discovery Education Science Techbook
Friday, March 30	12 Noon–1:30 PM	110, Convention Center	It's How They Learn: 21 Ways to Use Discovery Education
Friday, March 30	2:00–3:30 PM	110, Convention Center	Layers of Learning with Google Earth: A Free Round-Trip Ticket to Anywhere in the World
Friday, March 30	4:00–5:30 PM	110, Convention Center	Developing STEM Process Skills with the Discovery Education Science Techbook
Saturday, March 31	8:00–9:30 AM	110, Convention Center	Calling All Indiana Teachers! We Have a Discovery Education Science Techbook JUST for You!
Saturday, March 31	10:00–11:30 AM	110, Convention Center	Developing STEM Process Skills with the Discovery Education Science Techbook
Saturday, March 31	12 Noon–1:30 PM	110, Convention Center	Reading, Writing, and SCIENCE! The Literacy Connection and Discovery Education Science Techbook

### Educational Innovations, Inc. (Booth No. 1767)

Friday, March 30	8:00–9:30 AM	Wabash Blrm. 2, Conv. Center	The Private Eye®—Hands-On Inquiry for an Interdisciplinary Mind: Science, Writing, and Art
Friday, March 30	10:00–11:30 AM	Wabash Blrm. 2, Conv. Center	You're NOT Gonna Believe What We Did in Science Class Today!
Friday, March 30	12 Noon–1:30 PM	Wabash Blrm. 2, Conv. Center	Get Charged Up with Educational Innovations!
Friday, March 30	2:00–3:30 PM	Wabash Blrm. 2, Conv. Center	3-2-1 Blast Off!
Friday, March 30	4:00–5:30 PM	Wabash Blrm. 2, Conv. Center	What the Heck Happened?!

### Edvotek (Booth No. 1750)

Thursday, March 29	9:30–11:00 AM	201, Convention Center	How Is HIV Detected in Humans? Welcome to the Exciting World of Immunobiotechnology!
Thursday, March 29	11:30 AM–1:00 PM	201, Convention Center	Bring the Exciting World of PCR-based and Forensic Science into Your Classroom
Friday, March 30	12 Noon–1:30 PM	201, Convention Center	Whose DNA Was Left Behind? Thirty-Minute Forensics Experiments

### Energy Concepts, Inc. (Booth No. 1575)

Saturday, March 31	10:00–11:30 AM	106, Convention Center	Applications in Biotechnology
--------------------	----------------	------------------------	-------------------------------

### Esri (Booth No. 1737)

Thursday, March 29	9:30–11:00 AM	103, Convention Center	Mapping and Analyzing Science Data
Friday, March 30	8:00–9:30 AM	103, Convention Center	Mapping and Analyzing Science Data

## Index of Exhibitor Workshops

### FDA Center for Food Safety and Applied Nutrition (Booth No. 1746)

Friday, March 30	8:00–10:00 AM	JW Grand Blrm. 3, JW Marriott	FDA Food Science Workshop for Grades 6–8
Friday, March 30	10:30 AM–12:30 PM	JW Grand Blrm. 3, JW Marriott	FDA Food Science Workshop (High School)

### Fisher Science Education (Booth No. 647)

Friday, March 30	8:00–9:15 AM	134, Convention Center	Chemistry Demonstrations That Will Really Get a Reaction!
Friday, March 30	10:30–11:45 AM	134, Convention Center	Viticulture, Enology, and the Role of Science in Wine Making
Friday, March 30	1:00–2:00 PM	134, Convention Center	What's New in Astronomy News?
Friday, March 30	3:00–4:15 PM	134, Convention Center	Engineering for the Future: Exploring Energy Concepts with K'Nex

### Flinn Scientific, Inc. (Booth No. 1167)

Thursday, March 29	9:30–11:00 AM	Wabash Blrm. 1, Conv. Center	New Guided Inquiry Labs for Advanced Placement® Biology from Flinn Scientific
Thursday, March 29	11:30 AM–1:00 PM	Wabash Blrm. 1, Conv. Center	Flinn Scientific Presents Best Practices for Teaching Chemistry™ Experiments and Demonstrations
Thursday, March 29	1:30–3:00 PM	Wabash Blrm. 1, Conv. Center	Hands-On Integrated Science Activities for Middle School
Thursday, March 29	3:30–5:00 PM	Wabash Blrm. 1, Conv. Center	Make Safety a Habit! Flinn Scientific Workshop
Friday, March 30	8:00–9:30 AM	Wabash Blrm. 1, Conv. Center	Fantastic Physical Science Demonstrations from Flinn Scientific
Friday, March 30	10:00–11:30 AM	Wabash Blrm. 1, Conv. Center	Flinn Favorite Biology Lab Activities and Games
Friday, March 30	10:00 AM–12 Noon	Sagamore 3, Convention Center	Flinn Scientific's Morning of Chemistry—Enlightening Indy!
Friday, March 30	12 Noon–1:30 PM	Wabash Blrm. 1, Conv. Center	How to Design a Safe and Efficient Science Laboratory
Friday, March 30	2:00–3:30 PM	Wabash Blrm. 1, Conv. Center	Teaching Advanced Placement Chemistry: Optimize Your Students' Laboratory Experiences
Saturday, March 31	10:00–11:30 AM	Wabash Blrm. 1, Conv. Center	Promote Inquiry Using Chemistry Demonstrations
Saturday, March 31	12 Noon–1:30 PM	Wabash Blrm. 1, Conv. Center	New Guided Inquiry Labs for Advanced Placement® Biology from Flinn Scientific

### Forestry Suppliers, Inc. (Booth No. 1637)

Saturday, March 31	8:00–9:30 AM	138, Convention Center	Environmental Science Activities—Inside and Outside
--------------------	--------------	------------------------	---

### Foundation for Family Science & Engineering (Booth No. 1556)

Thursday, March 29	4:30–6:00 PM	Wabash Blrm. 2, Conv. Center	Family Engineering Ice Cream Social and Book Launch Party
--------------------	--------------	------------------------------	---

### Frey Scientific/School Specialty Science (Booth No. 1047)

Thursday, March 29	8:00–9:15 AM	136, Convention Center	Incorporating Online Virtual Lab Solutions with STEM-focused Skills
Thursday, March 29	10:00–11:15 AM	136, Convention Center	STEM Professional Development Opportunity with Inquiry Investigations™ Forensics Module
Thursday, March 29	12 Noon–1:15 PM	136, Convention Center	STEM Professional Development Opportunity: STEM Education Using Inquiry Investigations™

### GASTEC Corp. (Booth No. 1266)

Saturday, March 31	10:00–11:30 AM	101, Convention Center	What's in the Air?
--------------------	----------------	------------------------	--------------------

### Google (Booth No. 1533)

Saturday, March 31	10:00–11:30 AM	103, Convention Center	Exploring Computational Thinking
Saturday, March 31	12 Noon–1:30 PM	103, Convention Center	YouTube for Schools
Saturday, March 31	2:00–3:30 PM	103, Convention Center	Exploring Computational Thinking
Saturday, March 31	4:00–5:30 PM	103, Convention Center	Google Tools for Education



## Index of Exhibitor Workshops

### Hanson RoboKind (Booth No. 2461)

Saturday, March 31	8:00–9:30 AM	132, Convention Center	Meet and Greet Your Co-Teacher Zeno, the Robot
Saturday, March 31	10:00–11:30 AM	132, Convention Center	Meet and Greet Your Co-Teacher Zeno, the Robot

### Houghton Mifflin Harcourt (Booth No. 1467)

Thursday, March 29	7:30–9:00 AM	104, Convention Center	Effective STEM Challenges for the Classroom
Thursday, March 29	9:30–11:00 AM	104, Convention Center	That’s Amazing! Explore the Bizarre, Cool, and Exciting World of Project-based Biology
Thursday, March 29	11:30 AM–1:00 PM	104, Convention Center	Misconception Mania: Exciting and Engaging Ways to Address Common Misunderstandings in K–8 Science
Thursday, March 29	1:30–3:00 PM	104, Convention Center	New Physics for New Students: Guiding Them as They See It for the First Time
Friday, March 30	10:00–11:30 AM	104, Convention Center	Connecting to Chemistry: Igniting Student Motivation with STEM Examples and Ideas
Friday, March 30	12 Noon–1:30 PM	104, Convention Center	Sparkling Interest and Learning with Chemistry: A Part 1 Experience
Friday, March 30	2:00–3:30 PM	104, Convention Center	Ecology Adventures: Motivating Students Through Project Based Learning (PBL)
Friday, March 30	4:00–5:30 PM	104, Convention Center	Sparkling More Interest with Chemistry: A Part 2 Experience
Saturday, March 31	8:00–9:30 AM	104, Convention Center	Sparkling Interest and Learning with Chemistry: A Part 1 Experience
Saturday, March 31	10:00–11:30 AM	104, Convention Center	Extra, Extra! Read All About It! Taking Biology from the News to the Classroom
Saturday, March 31	12 Noon–1:30 PM	104, Convention Center	Sparkling More Interest with Chemistry: A Part 2 Experience

### Howard Hughes Medical Institute (Booth No. 1259)

Thursday, March 29	12 Noon–1:30 PM	109, Convention Center	HHMI’s The Making of the Fittest: Natural Selection and Adaptation in Your Classroom
Thursday, March 29	2:00–3:30 PM	109, Convention Center	HHMI’s Bones, Stones, and Genes: The Origin of Modern Humans
Thursday, March 29	4:00–5:30 PM	109, Convention Center	Human Evolution: Genetic and Fossil Evidence
Friday, March 30	8:00–9:30 AM	109, Convention Center	Enhance Your Teaching of the New AP® Biology Curriculum Framework with Free Resources from HHMI
Friday, March 30	10:00–11:30 AM	109, Convention Center	Are Humans Still Evolving? Genetic Evidence of Human Evolution
Friday, March 30	12 Noon–1:30 PM	109, Convention Center	Changing Planet: Past, Present, and Future
Friday, March 30	2:00–3:30 PM	109, Convention Center	HHMI’s The Making of the Fittest: The Birth and Death of Genes in Your Classroom
Friday, March 30	4:00–5:30 PM	109, Convention Center	HHMI’s The Making of the Fittest: Natural Selection in Humans in Your Classroom
Saturday, March 31	9:00–10:30 AM	109, Convention Center	Free Classroom Resources from HHMI for Teaching Evolution
Saturday, March 31	11:00 AM–12:30 PM	109, Convention Center	Enhance Your Teaching of the New AP® Biology Curriculum Framework with Free Resources from HHMI

### International Schools Services (Booth No. 2448)

Friday, March 30	4:00–5:30 PM	103, Convention Center	Teach Overseas!
------------------	--------------	------------------------	-----------------

### It’s About Time (Booth No. 847)

Thursday, March 29	8:00–9:00 AM	132, Convention Center	Project-Based Inquiry Science: PBIS™ Takes the Confusion Out of Implementing STEM in Middle School
Thursday, March 29	9:30–10:30 AM	132, Convention Center	Active Chemistry: Incorporate STEM into a Chemistry Class Through a Simple Engineering Design Cycle
Thursday, March 29	11:00 AM–12:30 PM	132, Convention Center	Active Physics: Incorporate STEM in Physics Class Through a Simple Engineering Design Cycle

## Index of Exhibitor Workshops

### It's About Time, cont.

Thursday, March 29	12:30–1:30 PM	132, Convention Center	Engineering the Future: A Practical Approach to STEM for High School Students
Thursday, March 29	2:00–3:00 PM	132, Convention Center	EarthComm: The American Geological Institute Takes an Earth Systems Approach to Introduce STEM Through a Simplified Engineering Design Cycle
Thursday, March 29	3:30–4:30 PM	132, Convention Center	The First Comprehensive Astronomy Textbook Written Specifically for High School Students (Also Well Suited for Community Colleges)
Friday, March 30	8:00–9:00 AM	132, Convention Center	Engineering the Future: A Practical Approach to STEM for High School Students
Friday, March 30	9:30–10:30 AM	132, Convention Center	Project-Based Inquiry Science: PBIS™ Takes the Confusion Out of Implementing STEM in Middle School
Friday, March 30	11:00 AM–12:30 PM	132, Convention Center	EarthComm: The American Geological Institute (AGI) Takes an Earth Systems Approach to Introduce STEM Through a Simplified Engineering Design Cycle (EDC)
Friday, March 30	12:30–1:30 PM	132, Convention Center	Implementing an Inquiry-based Science Curriculum with Limited Time and a Limited Budget
Friday, March 30	2:00–3:00 PM	132, Convention Center	The First Comprehensive Astronomy Textbook Written Specifically for High School Students (Also Well Suited for Community Colleges)
Friday, March 30	3:30–4:30 PM	132, Convention Center	Incorporating STEM in a Chemistry and Physics Classroom Through a Simplified Engineering Design Cycle (EDC)

### Japan Artec, Inc. (Booth No. 1955)

Friday, March 30	8:00–9:30 AM	201, Convention Center	Introducing a Lesson Plan on the Optical Refraction Using a Light Source and a Lens
Saturday, March 31	8:00–9:30 AM	201, Convention Center	Explore Electricity Flow, Electromagnets, and Generating Electricity
Saturday, March 31	10:00–11:30 AM	201, Convention Center	Introducing a Car-based Energy Conversion Experiment Kit

### Ken-A-Vision Manufacturing Co., Inc. (Booth No. 1267)

Thursday, March 29	3:30–5:00 PM	104, Convention Center	I Can See Clearly Now...Digital Projection Techniques for Better Demonstration Visibility
Friday, March 30	8:00–9:30 AM	104, Convention Center	Slough and Pop—Come Get Cleansed with Chemistry!

### Kendall Hunt Publishing Co. (Booth No. 1447)

Friday, March 30	8:00–9:30 AM	131, Convention Center	Taking a Human Approach to Biology Education
Friday, March 30	10:00–11:30 AM	131, Convention Center	Promote Inquiry and Critical Thinking with Forensic Science
Saturday, March 31	8:00–9:30 AM	131, Convention Center	Teaching the Chemistry That Students Need to Know

### The Keystone Science School (Booth No. 1635)

Saturday, March 31	10:00–11:30 AM	138, Convention Center	Key Issues: Bringing Environmental Issues to the Classroom
--------------------	----------------	------------------------	--

### KidWind Project (Booth No. 1475)

Friday, March 30	8:00–9:30 AM	102, Convention Center	Water, Power, and Science
Friday, March 30	10:00–11:30 AM	102, Convention Center	Wind-energized Classroom
Friday, March 30	12 Noon–1:30 PM	102, Convention Center	WindWise Science Curriculum
Friday, March 30	2:00–3:30 PM	102, Convention Center	Renewable Power, Vernier, and KidWind
Friday, March 30	4:00–5:30 PM	102, Convention Center	Fuel Cell Technology in Your Classroom—Powered by h-tec
Saturday, March 31	8:00–9:30 AM	102, Convention Center	Fuel Cell Technology in Your Classroom—Powered by h-tec
Saturday, March 31	10:00–11:30 AM	102, Convention Center	Solar-powered Boats, Fountains, and Suitcases!
Saturday, March 31	12 Noon–1:30 PM	102, Convention Center	Wind-energized Classroom
Saturday, March 31	2:00–3:30 PM	102, Convention Center	WindWise Science Curriculum
Saturday, March 31	4:00–5:30 PM	102, Convention Center	Renewable Power, Vernier, and KidWind

## Index of Exhibitor Workshops

### LAB-AIDS, Inc. (Booth Nos. 636 and 2167)

Thursday, March 29	7:30–9:00 AM	106, Convention Center	Solving a Calendar Problem (NexGen Frameworks-style) and Discovering Seasonality
Thursday, March 29	7:30–9:00 AM	105, Convention Center	Come Get a Charge Out of This!
Thursday, March 29	9:30–11:00 AM	106, Convention Center	I Think There's a Genetically Engineered Fly in My Genetically Modified Pea Soup!
Thursday, March 29	9:30–11:00 AM	105, Convention Center	Energy Education Strategies for the Middle Grades
Thursday, March 29	11:30 AM–1:00 PM	106, Convention Center	Reading the Rocks: Fossils, Evidence, and Crosscutting Concepts
Thursday, March 29	11:30 AM–1:00 PM	105, Convention Center	Lemons and Light Bulbs: Exploring the Chemistry of Electricity
Thursday, March 29	1:30–3:00 PM	106, Convention Center	Journaling: It's Not a Fad! Become a Fan
Thursday, March 29	1:30–3:00 PM	105, Convention Center	Water, Water Everywhere... But I'm Not Drinking It!
Thursday, March 29	3:30–5:00 PM	105, Convention Center	Phylogenetics—Barking Up a Better Tree?
Thursday, March 29	3:30–5:00 PM	106, Convention Center	Journaling: It's Not a Fad! Become a Fan
Friday, March 30	8:00–9:30 AM	105, Convention Center	Color, Spectrophotometry, and Teaching the Structure of the Atom
Friday, March 30	8:00–9:30 AM	106, Convention Center	Students—Power Up!
Friday, March 30	10:00–11:30 AM	106, Convention Center	Fuel for the Next Generation?
Friday, March 30	10:00–11:30 AM	105, Convention Center	CAN I Have a Soda?
Friday, March 30	12 Noon–1:30 PM	105, Convention Center	Mastering the Chemical Formula: An Exceptionally Effective Way to Teach Subscripts and Coefficients
Friday, March 30	12 Noon–1:30 PM	106, Convention Center	I Think There's a Genetically Engineered Fly in My Genetically Modified Pea Soup!
Friday, March 30	2:00–3:30 PM	106, Convention Center	O <sub>2</sub> Understand Photosynthesis and Cellular Respiration!
Friday, March 30	2:00–3:30 PM	105, Convention Center	Breeding Critters
Friday, March 30	4:00–5:30 PM	106, Convention Center	Constructive Destruction
Friday, March 30	4:00–5:30 PM	105, Convention Center	Distillation: Simple and Fascinating Experiments in the Chemistry of Aromas and Smells

### LaMotte Co. (Booth No. 1032)

Friday, March 30	12 Noon–1:30 PM	131, Convention Center	STEM Activities: Environmental Science Using Microslides—Microbe Growth and ID System
Friday, March 30	2:00–3:30 PM	131, Convention Center	STEM Activities: Environmental Science Using Microslides—Microbe Growth and ID System

### Lawrence Hall of Science (Booth No. 1157)

Thursday, March 29	8:00–9:00 AM	135, Convention Center	33 Ways to Integrate Science
Thursday, March 29	10:00–11:00 AM	135, Convention Center	The Four It's of Science
Thursday, March 29	1:00–2:00 PM	135, Convention Center	Exploring Shoreline Science with an Integrated Science and Literacy Unit

### LEGO Education (Booth No. 1357)

Thursday, March 29	8:00–9:30 AM	202, Convention Center	Engaging Elementary Learners in STEM with LEGO® Education
Thursday, March 29	10:00–11:00 AM	202, Convention Center	Using LEGO® Bricks to Introduce Simple Machines
Thursday, March 29	11:30 AM–12:30 PM	202, Convention Center	Enhancing the Elementary Classroom Through Robotics
Thursday, March 29	1:30–3:00 PM	202, Convention Center	Teaching Middle School STEM with LEGO® Education
Thursday, March 29	3:30–5:00 PM	202, Convention Center	Robotics in the Classroom—Science, Engineering, and Math Come Alive!
Friday, March 30	8:00–9:30 AM	202, Convention Center	Engaging Elementary Learners in STEM with LEGO® Education
Friday, March 30	10:00–11:00 AM	202, Convention Center	Using LEGO® Bricks to Introduce Simple Machines
Friday, March 30	11:30 AM–12:30 PM	202, Convention Center	Enhancing the Elementary Classroom Through Robotics
Friday, March 30	1:30–3:00 PM	202, Convention Center	Teaching Middle School STEM with LEGO® Education
Friday, March 30	3:30–5:00 PM	202, Convention Center	Robotics in the Classroom: Science, Engineering, and Math Come Alive!

## Index of Exhibitor Workshops

---

### LEGO Education, cont.

Saturday, March 31	8:00–9:30 AM	202, Convention Center	Engaging Elementary Learners in STEM with LEGO® Education
Saturday, March 31	10:00–11:00 AM	202, Convention Center	Using LEGO® Bricks to Introduce Simple Machines
Saturday, March 31	11:30 AM–12:30 PM	202, Convention Center	Enhancing the Elementary Classroom Through Robotics
Saturday, March 31	1:30–3:00 PM	202, Convention Center	Teaching Middle School STEM with LEGO® Education
Saturday, March 31	3:30–5:00 PM	202, Convention Center	Robotics in the Classroom: Science, Engineering, and Math Come Alive!

### Marshall Cavendish International (Singapore) Pte., Ltd. (Booth No. 971)

Friday, March 30	4:00–5:30 PM	136, Convention Center	The Singapore Approach: Teaching and Learning Elementary Science
------------------	--------------	------------------------	--

### Mississippi State University (Booth No. 2141)

Thursday, March 29	2:00–3:30 PM	136, Convention Center	Master of Science in Geosciences via Distance Learning from Mississippi State University
--------------------	--------------	------------------------	--

### NASA Office of Education (Booth No. 2159)

Thursday, March 29	8:00–8:45 AM	142, Convention Center	Making the NASA Connection—Online! NEON/AESP
Thursday, March 29	10:00–10:45 AM	142, Convention Center	IBEX Education Resources and Program
Thursday, March 29	11:00–11:45 AM	142, Convention Center	Expedition Earth and Beyond: Getting Students Actively Involved in NASA Exploration, Discovery, and the Process of Science
Thursday, March 29	12 Noon–12:45 PM	142, Convention Center	Teaching from Space
Thursday, March 29	1:00–1:45 PM	142, Convention Center	Zero Robotics: Students Competing with Robots on the ISS
Thursday, March 29	2:00–2:45 PM	142, Convention Center	Engineer a Satellite
Thursday, March 29	3:00–3:45 PM	142, Convention Center	Physics Applications Aboard the International Space Station
Thursday, March 29	4:00–4:45 PM	142, Convention Center	MY NASA DATA: Data Visualization for Students
Thursday, March 29	5:00–6:00 PM	142, Convention Center	Inquiry with Microgravity
Friday, March 30	8:00–8:45 AM	142, Convention Center	NASA's Museum in a Box How-To for Elementary Teachers
Friday, March 30	9:00–9:45 AM	142, Convention Center	NASA's Endeavor Science Teaching Certificate Project: Focus on Preservice and Elementary Inservice Education
Friday, March 30	10:00–10:45 AM	142, Convention Center	NASA's Instructional Programs for Inquiry-based Science Classrooms
Friday, March 30	11:00–11:45 AM	142, Convention Center	Using NASA Climate Data in the Science Classroom
Friday, March 30	12:30–1:30 PM	142, Convention Center	Inquiry at a Distance
Friday, March 30	1:30–1:50 PM	142, Convention Center	SoI Panel
Friday, March 30	2:00–2:45 PM	142, Convention Center	Mars Close Up with NASA AESP
Friday, March 30	3:00–3:45 PM	142, Convention Center	NASA Aquarius Brings New STEM Resources to Your Classroom
Friday, March 30	4:00–4:45 PM	142, Convention Center	Virtual Lab and NASA Explorer Schools
Friday, March 30	5:00–6:00 PM	142, Convention Center	NASA's Endeavor Science Teaching Certificate Project: Focus on Middle School and High School

### National Geographic Education (Booth No. 1247)

Thursday, March 29	1:30–3:00 PM	203, Convention Center	Dive into Marine Ecology with National Geographic
Friday, March 30	2:00–3:30 PM	203, Convention Center	Dive into Marine Ecology with National Geographic

### National Science Foundation (Booth No. 2238)

Thursday, March 29	9:30–11:00 AM	102, Convention Center	NSF/NBC Short Videos You Can Use in Your Classroom
Saturday, March 31	10:00–11:30 AM	136, Convention Center	NSF/NBC Short Videos You Can Use in Your Classroom

## Index of Exhibitor Workshops

### Ohaus Corp. (Booth No. 547)

Friday, March 30	8:00–9:15 AM	136, Convention Center	A New Spin on a Classic Mass Measurement Tool
Friday, March 30	12 Noon–1:15 PM	136, Convention Center	Transform Your Science Lessons in Mass Measurement and Analysis
Friday, March 30	2:00–3:15 PM	136, Convention Center	Unleash Your Young Scientist!

### PASCO scientific (Booth Nos. 736 and 739)

Thursday, March 29	8:00–9:30 AM	141, Convention Center	New for Elementary School Science: Learning Key Concepts Through Hands-On, Probeware-based Activities
Thursday, March 29	8:00–9:30 AM	140, Convention Center	SPARKvue®: A 21st-Century Inquiry-based Science Learning Environment
Thursday, March 29	10:00–11:30 AM	140, Convention Center	AP® Biology: Cell Respiration in Germinating Peas
Thursday, March 29	10:00–11:30 AM	141, Convention Center	Physics and Physical Science: Investigating Motion
Thursday, March 29	12 Noon–1:30 PM	141, Convention Center	Chemistry—Atmospheric Pressure
Thursday, March 29	12 Noon–1:30 PM	140, Convention Center	Middle School Life Science: Learning Biodiversity Through Hands-On, Probeware-based Activities
Thursday, March 29	2:00–3:30 PM	140, Convention Center	Equip Your iPad for Science
Thursday, March 29	2:00–3:30 PM	141, Convention Center	Renewable Energy Exploration—Solar and Wind Power
Thursday, March 29	4:00–5:30 PM	141, Convention Center	Exploring Interference and Diffraction of Light
Thursday, March 29	4:00–5:30 PM	140, Convention Center	Investigating Mitochondrial Genetics
Friday, March 30	8:00–9:30 AM	140, Convention Center	Equip Your iPad® for Science
Friday, March 30	8:00–9:30 AM	141, Convention Center	Chemistry: Solution Concentration and Kinetics with a Colorimeter
Friday, March 30	10:00–11:30 AM	141, Convention Center	AP® Environmental Science: Modeling an Ecosystem
Friday, March 30	10:00–11:30 AM	140, Convention Center	Investigating Mitochondrial Genetics
Friday, March 30	12 Noon–1:30 PM	140, Convention Center	Middle School Physical Science: Learning Newton’s Laws of Motion Through Hands-On, Probeware-based Activities
Friday, March 30	12 Noon–1:30 PM	141, Convention Center	Physics & Physical Science: Investigating Motion
Friday, March 30	2:00–3:30 PM	140, Convention Center	Biology: Enhancing Microscope Labs with Image Analysis & Data Collection
Friday, March 30	2:00–3:30 PM	141, Convention Center	AP® Chemistry: Turn Past AP Test Questions into Guided-Inquiry Labs
Friday, March 30	4:00–5:30 PM	141, Convention Center	Earth Science Investigation: Modeling Ocean Circulation
Friday, March 30	4:00–5:30 PM	140, Convention Center	Middle School Earth Science: Investigating Alternative Energy Sources Through Hands-On, Probeware-based Activities
Friday, March 30	5:00–6:30 PM	Sagamore 6, Convention Center	Just Physics
Saturday, March 31	8:00–9:30 AM	140, Convention Center	AP® Physics: Momentum & Impulse
Saturday, March 31	10:00–11:30 AM	140, Convention Center	SPARKvue® – A 21st Century Inquiry-Based Science Learning Environment

### Pearson (Booth No. 553)

Thursday, March 29	7:30–9:00 AM	133, Convention Center	Stop Teaching and Start Coaching AP Chemistry
Thursday, March 29	7:30–9:00 AM	134, Convention Center	Using Mastering to Improve Learning Outcomes
Thursday, March 29	9:30–11:00 AM	133, Convention Center	What’s Your Evidence? Engaging K–5 Students in Constructing Explanations in Science
Thursday, March 29	9:30–11:00 AM	134, Convention Center	From Science to Engineering
Thursday, March 29	11:30 AM–1:00 PM	133, Convention Center	Inquiry and Evidence: Keys to Getting Students to Inquire
Thursday, March 29	11:30 AM–1:00 PM	134, Convention Center	The Next Generation of Science Virtual Labs for the Entire Science Curriculum! No Cleanup!
Thursday, March 29	1:30–3:00 PM	133, Convention Center	Web 2.0 and Science
Thursday, March 29	1:30–3:00 PM	134, Convention Center	Going Green: Economical and Environmentally Friendly Inquiry in Chemistry
Thursday, March 29	3:30–5:00 PM	133, Convention Center	Incorporating STEM Activities in Your Classroom
Thursday, March 29	3:30–5:00 PM	134, Convention Center	Online Learning Exchange, Powered by Pearson: Our Content, Your Content, All in One Place

## Index of Exhibitor Workshops

### Pearson, cont.

Friday, March 30	8:00–9:30 AM	133, Convention Center	Developing Focused Environmental Classroom Campaigns for Quality Service Learning
Friday, March 30	10:00–11:30 AM	133, Convention Center	Destructive Forces of Nature: Earthquakes
Friday, March 30	12 Noon–1:30 PM	133, Convention Center	Marine Science: The Dynamic Ocean—A New High School STEM Offering
Friday, March 30	2:00–3:30 PM	133, Convention Center	Teaching About Climate Change in a Climate of Controversy: Presenting Science with Rigor and Relevance
Friday, March 30	4:00–5:30 PM	133, Convention Center	Next Generation Science Standards—What It Means for Earth Science
Saturday, March 31	8:00–9:30 AM	133, Convention Center	New Tools, New Insights, and New Ways of Understanding Science with Miller & Levine Biology
Saturday, March 31	10:00–11:30 AM	133, Convention Center	Teaching English Language Learners in the Science Classroom: Collaboration, Co-teaching, and Coaching
Saturday, March 31	12 Noon–1:30 PM	133, Convention Center	Planet Diary: Using Current Events to Engage Your Students in Science
Saturday, March 31	2:00–3:30 PM	133, Convention Center	Science Under Siege? Teaching Evolution in a Climate of Controversy

### Project WET Foundation (Booth No. 1733)

Saturday, March 31	8:00–9:30 AM	137, Convention Center	Water Education Writing Workshop
--------------------	--------------	------------------------	----------------------------------

### Purdue University (Booth Nos. 1757 and 1857)

Saturday, March 31	8:00–9:30 AM	Wabash Blrm. 2, Conv. Center	Fat Dogs and Coughing Horses: Delivery of a Ninth-Grade Curriculum, Part I
Saturday, March 31	10:00–11:30 AM	Wabash Blrm. 2, Conv. Center	Fat Dogs and Coughing Horses: Delivery of a Ninth-Grade Curriculum, Part II

### SAE International's A World In Motion® (Booth No. 1472)

Thursday, March 29	1:30–3:00 PM	201, Convention Center	A World In Motion® Primary Literacy-based STEM Workshop
Thursday, March 29	3:30–5:00 PM	201, Convention Center	A World In Motion® Elementary STEM Workshop
Friday, March 30	2:00–3:30 PM	201, Convention Center	A World In Motion® Middle School STEM Workshop

### Sargent-Welch (Booth No. 1333)

Thursday, March 29	7:30–9:00 AM	131, Convention Center	Investigating Real-World Physical Science
Friday, March 30	10:00–11:30 AM	130, Convention Center	Using Cheese Making to Teach Scientific Methodology
Friday, March 30	2:00–3:30 PM	130, Convention Center	The Physics of Baseball
Saturday, March 31	12 Noon–1:30 PM	130, Convention Center	New and Improved Biotechnology: Science for the New Millennium

### Science First®/STARLAB (Booth No. 2153)

Friday, March 30	10:00–10:45 AM	Booth #2153, Exhibit Hall	A Change of Season
Friday, March 30	2:00–2:45 PM	Booth #2153, Exhibit Hall	A Calendar in the Stars: Seasonal Constellations

### Science Kit & Boreal Laboratories (Booth No. 1237)

Thursday, March 29	11:30 AM–1:00 PM	130, Convention Center	STEM-ify Your Science Lessons!
Thursday, March 29	11:30 AM–1:00 PM	131, Convention Center	Hands-On Science for the Elementary Classroom Using Probeware
Thursday, March 29	1:30–3:00 PM	131, Convention Center	Incorporating STEM in Middle School Lessons
Friday, March 30	8:00–9:30 AM	130, Convention Center	STEM-ify Your Science Lessons!
Friday, March 30	4:00–5:30 PM	130, Convention Center	Chemistry In-the-Bag Inquiry
Saturday, March 31	10:00–11:30 AM	130, Convention Center	Chemistry In-the-Bag Inquiry
Saturday, March 31	2:00–3:30 PM	130, Convention Center	Under a Microscope: Prepare Students for the 21st Century Using STEM Initiatives

# Index of Exhibitor Workshops

## Science Take-Out (Booth No. 1872)

Thursday, March 29	3:30–5:00 PM	101, Convention Center	Genetic Testing for Huntington’s Disease
Friday, March 30	4:00–5:30 PM	131, Convention Center	Diagnosing Diabetes
Saturday, March 31	12 Noon–1:30 PM	131, Convention Center	Keeping a Balance: Homeostasis and Negative Feedback
Saturday, March 31	2:00–3:30 PM	131, Convention Center	Enzymes and Lactose Intolerance

## SeaWorld Parks and Entertainment (Booth No. 2034)

Thursday, March 29	3:30–5:00 PM	102, Convention Center	SeaWorld and Busch Gardens CARES
Saturday, March 31	10:00–11:30 AM	134, Convention Center	From Rescue to Rehab to Release—How Busch Gardens and SeaWorld Care for Injured Wildlife

## Simulation Curriculum Corp. (Booth No. 747)

Thursday, March 29	9:30–11:00 AM	101, Convention Center	The Life and Death of Our Sun and Other Stars
Thursday, March 29	1:30–3:00 PM	101, Convention Center	The Layered Earth: Geology, Atmosphere, and Climate for the Modern Classroom
Friday, March 30	10:00–11:30 AM	101, Convention Center	Doomsday 2012: A Starry Night Perspective
Friday, March 30	12 Noon–1:30 PM	101, Convention Center	The Layered Earth: Geology, Atmosphere, and Climate for the Modern Classroom

## SMART Technologies (Booth No. 2456)

Saturday, March 31	10:00–11:30 AM	131, Convention Center	Technology Impacts Science Learning: A Research Project
--------------------	----------------	------------------------	---

## Society for Neuroscience (Booth No. 1558)

Saturday, March 31	10:00–11:30 AM	108, Convention Center	The Developing Brain: What Science Teaches Us About Life Experience
Saturday, March 31	2:00–3:30 PM	108, Convention Center	Engaging Classrooms on Animal Research

## The STEM Academy, Inc. (Booth No. 1572)

Thursday, March 29	1:30–3:00 PM	102, Convention Center	Improve STEM Literacy for All Students
--------------------	--------------	------------------------	--

## Swift Optical Instruments, Inc. (Booth No. 1641)

Saturday, March 31	8:00–9:30 AM	135, Convention Center	Forensics Made Easy—See What’s New!
Saturday, March 31	10:00–11:30 AM	135, Convention Center	New Ways to Prepare Your Students Using 21st-Century STEM Initiatives—GO DIGITAL!
Saturday, March 31	12 Noon–1:30 PM	135, Convention Center	New Ways to Prepare Your Students Using 21st-Century STEM Initiatives—GO DIGITAL!

## Sylvan Dell Publishing (Booth No. 1773)

Saturday, March 31	8:00–9:30 AM	103, Convention Center	A Picture Book Approach to Child Literacy, Language Learning, and the Sciences
--------------------	--------------	------------------------	--

## Ten80 Education (Booth No. 1539)

Saturday, March 31	10:00–11:30 AM	105, Convention Center	Education—Inspiration—Acceleration
--------------------	----------------	------------------------	------------------------------------

## Texas Instruments (Booth No. 336)

Friday, March 30	8:00–9:00 AM	135, Convention Center	Indiana Python and the Temple of Density
Friday, March 30	9:30–10:30 AM	135, Convention Center	Data Collection and Analysis for Physics Using the TI-Nspire™ CX
Friday, March 30	11:00 AM–12:30 PM	135, Convention Center	“Sensor”ship in the Science and Math Classroom
Friday, March 30	12:30–1:30 PM	135, Convention Center	NASA-Nspired Activities for Chemistry
Friday, March 30	2:00–3:00 PM	135, Convention Center	The Time for Inquiry Is Now!
Friday, March 30	3:30–4:30 PM	135, Convention Center	Indiana Python and the Temple of Density

# Index of Exhibitor Workshops

## Vernier Software & Technology (Booth No. 436)

Thursday, March 29	8:00–9:30 AM	116, Convention Center	Chemistry with Vernier
Thursday, March 29	8:00–9:30 AM	117, Convention Center	Engineering with Vernier
Thursday, March 29	10:00–11:30 AM	117, Convention Center	Water Quality with Vernier
Thursday, March 29	10:00–11:30 AM	116, Convention Center	Physics with Vernier

## Vernier Software & Technology, cont.

Thursday, March 29	12 Noon–1:30 PM	117, Convention Center	Inquiry-based Biology with Vernier
Thursday, March 29	12 Noon–1:30 PM	116, Convention Center	K–8 Science with Vernier
Thursday, March 29	2:00–3:30 PM	116, Convention Center	Biology with Vernier
Thursday, March 29	2:00–3:30 PM	117, Convention Center	Bridging STEM and Vernier Technology
Friday, March 30	8:00–9:30 AM	116, Convention Center	Advanced Physics with Vernier
Friday, March 30	8:00–9:30 AM	117, Convention Center	Human Physiology with Vernier
Friday, March 30	10:00–11:30 AM	117, Convention Center	Advanced Chemistry with Vernier
Friday, March 30	10:00–11:30 AM	116, Convention Center	Biology with Vernier
Friday, March 30	12 Noon–1:30 PM	117, Convention Center	Advanced Biology and Biotechnology with Vernier
Friday, March 30	12 Noon–1:30 PM	116, Convention Center	Chemistry with Vernier
Friday, March 30	2:00–3:30 PM	116, Convention Center	Physics with Vernier
Friday, March 30	2:00–3:30 PM	117, Convention Center	Environmental Science with Vernier
Saturday, March 31	8:00–9:30 AM	116, Convention Center	Physics with Vernier
Saturday, March 31	8:00–9:30 AM	117, Convention Center	Introducing Vernier DataQuest Data Collection for TI-Nspire™ Technology
Saturday, March 31	10:00–11:30 AM	117, Convention Center	Earth Science with Vernier
Saturday, March 31	10:00–11:30 AM	116, Convention Center	Chemistry with Vernier
Saturday, March 31	12 Noon–1:30 PM	117, Convention Center	What's New for the Vernier LabQuest?
Saturday, March 31	12 Noon–1:30 PM	116, Convention Center	Biology with Vernier
Saturday, March 31	2:00–3:30 PM	117, Convention Center	Inquiry-Based Chemistry with Vernier
Saturday, March 31	2:00–3:30 PM	116, Convention Center	Video Analysis with Vernier

## W.H. Freeman of Bedford, Freeman & Worth (BFW) Publishers (Booth No. 1356)

Friday, March 30	2:00–3:30 PM	101, Convention Center	Living By Chemistry: Create a Table
Saturday, March 31	8:00–9:30 AM	108, Convention Center	Living By Chemistry: What Shape Is That Smell?

## WARD'S Natural Science (Booth No. 1436)

Thursday, March 29	7:30–9:00 AM	130, Convention Center	Forensic Science: Blood Spatter Across the Curriculum
Thursday, March 29	9:30–11:00 AM	131, Convention Center	Groundwater Pollution: The Case of the Toppled Tanker
Thursday, March 29	9:30–11:00 AM	130, Convention Center	Teaching STEM with Forensics
Thursday, March 29	1:30–3:00 PM	130, Convention Center	WARD'S Presents Cenco AP Physics!
Thursday, March 29	3:30–5:00 PM	130, Convention Center	WARD'S Updates for AP Biology
Friday, March 30	12 Noon–1:30 PM	130, Convention Center	Teaching STEM with Forensics
Saturday, March 31	8:00–9:30 AM	130, Convention Center	Iron Teacher—STEM Edition!
Saturday, March 31	4:00–5:30 PM	130, Convention Center	Best Dissection Practices

## Wavefunction, Inc. (Booth No. 1029)

Thursday, March 29	9:30–11:00 AM	203, Convention Center	Molecular-Level Visualization in Middle School and High School Science Classrooms—Engage Your Students!
Thursday, March 29	11:30 AM–1:00 PM	203, Convention Center	Teaching AP Chemistry with Molecular-Level Visualization and Simulation Tools
Friday, March 30	10:00–11:30 AM	203, Convention Center	Getting the Most Out of Molecular-Level Visualization and Simulation Tools
Friday, March 30	12 Noon–1:30 PM	203, Convention Center	Teaching AP Chemistry with Molecular-Level Visualization and Simulation Tools

## WeatherBug® Schools (Booth No. 2130)

Thursday, March 29	3:30–5:00 PM	103, Convention Center	Using Weather to Teach Across Multiple Disciplines and to Help Students Stay Safe
--------------------	--------------	------------------------	---





## Advertisers

---

ARKive (Booth #2331), <a href="http://www.ARKive.org">www.ARKive.org</a> . . . . .	11
Bedford, Freeman & Worth (BFW) Publishers (Booth #1356), <a href="http://highschool.bfwpub.com">http://highschool.bfwpub.com</a> . . . . .	51
Carolina Biological Supply Company (Booth #100), <a href="http://www.carolina.com">www.carolina.com</a> , 800-334-5551 . . . . .	14, 15
The College Board (Booth #2450), <a href="http://sat.collegeboard.org">sat.collegeboard.org</a> . . . . .	4
Delta Education/School Specialty Science (Booth #947), <a href="http://www.deltaeducation.com">www.deltaeducation.com</a> , 800-258-1302 . . . . .	1, 13, 33, 41
The Dow Chemical Company (Booth #1431), <a href="http://www.dow.com">www.dow.com</a> . . . . .	8
Frey Scientific/School Specialty Science (Booth #1047), <a href="http://www.freyscientific.com">www.freyscientific.com</a> , 800-225-3739 . . . . .	35
Ken-A-Vision Manufacturing Co., Inc. (Booth #1267), <a href="http://www.ken-a-vision.com">www.ken-a-vision.com</a> , 800-334-8407 . . . . .	Cover 3
Mississippi State University (Booth #2141), <a href="http://www.distance.msstate.edu/geosciences">www.distance.msstate.edu/geosciences</a> . . . . .	45
National Earth Science Teachers Association (Booth #1969), <a href="http://www.nestanet.org">www.nestanet.org</a> , . . . . .	57
Ohaus Corp. (Booth #547), <a href="http://www.ohaus.com">www.ohaus.com</a> , 800-672-7722 . . . . .	Cover 4
SeaWorld Parks and Entertainment (Booth #2034), <a href="http://www.seaworld.org">www.seaworld.org</a> , 866-468-6226 . . . . .	43
Texas Instruments (Booth #336), <a href="http://education.ti.com">education.ti.com</a> , 800-TI-CARES (842-2737) . . . . .	Cover 2
University of Northern Iowa, Overseas Placement (Booth 1028), <a href="http://www.uni.edu/placement/overseas">www.uni.edu/placement/overseas</a> . . . . .	23
W.H. Freeman (Booth #1356), <a href="http://www.whfreeman.com">www.whfreeman.com</a> , . . . . .	51
WebAssign (Booth #2251), <a href="http://www.webassign.net">www.webassign.net</a> , 800-955-8275 . . . . .	2

### NSTA Ads

NSTA Avenue (Booth #1659), <a href="http://www.nsta.org/indianapolis">www.nsta.org/indianapolis</a> . . . . .	39
NSTA, <a href="http://www.nsta.org">www.nsta.org</a> . . . . .	6–7



# Hands-on, Eyes-on

Bring STEM education to every seat in the classroom with the **FlexCam® 2**

This high-definition document camera offers versatility for any curriculum. It is perfect for demonstrations, showing various items in any size classroom, pointing out small details, or for student use in project collaboration and assessment.

The FlexCam 2 features an HD 1080P camera and Applied Vision™ Software.

Visit Booth #1267 at NSTA Indianapolis

 **ken-a-vision®**  
KNOWLEDGE THROUGH VISION

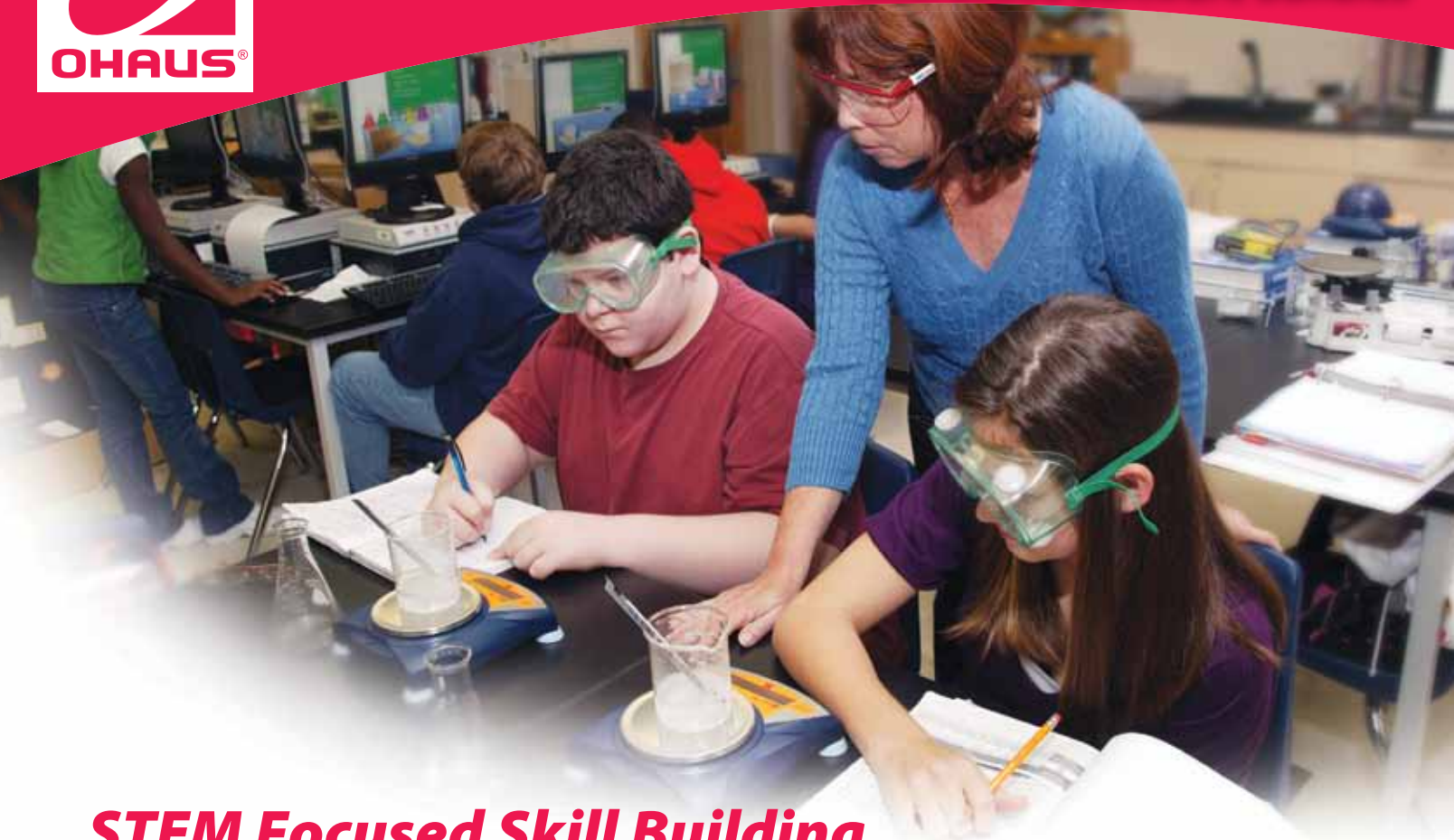
[www.ken-a-vision.com](http://www.ken-a-vision.com)





# OHAUS Virtual Lab

Interactive Software Bundles



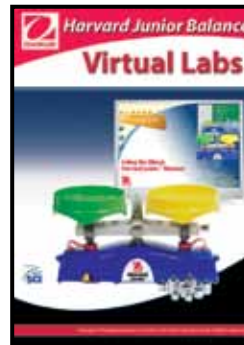
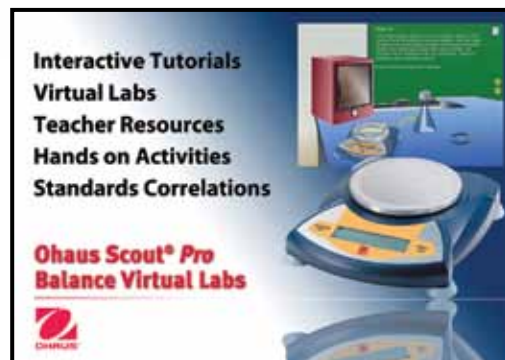
## STEM Focused Skill Building through Measurement & Analysis

Combine hands-on learning with interactive educational software to introduce and reinforce important STEM skills.

- Measurement & Analysis
- Use of computers & software
- Established design principles
- Experimentation & problem solving

**BOOTH  
547**

Visit us at NSTA to participate in an **Interactive Demo** and a chance to **Win a FREE Virtual Labs Bundle**



Ingeniously Practical

800-672-7722  
www.ohaus.com