

EXHIBITORS

ATLANTA

MARCH 15-18
2018

Science
on
My
Mind

**NSTA
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VOL.4

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**NSTA 66th National Conference
on Science Education**
Science on My Mind
Atlanta, Georgia • March 15-18, 2018

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National Science Teachers Association

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#847

B
6-10

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#1550

B
5-12

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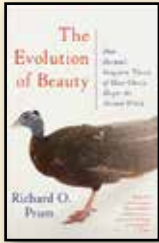
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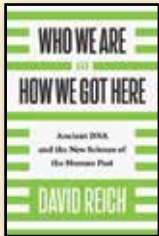


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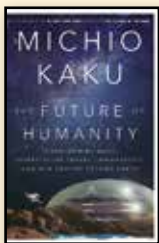


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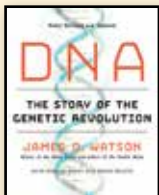


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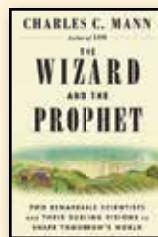
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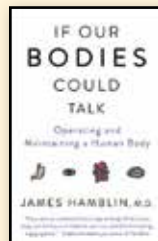
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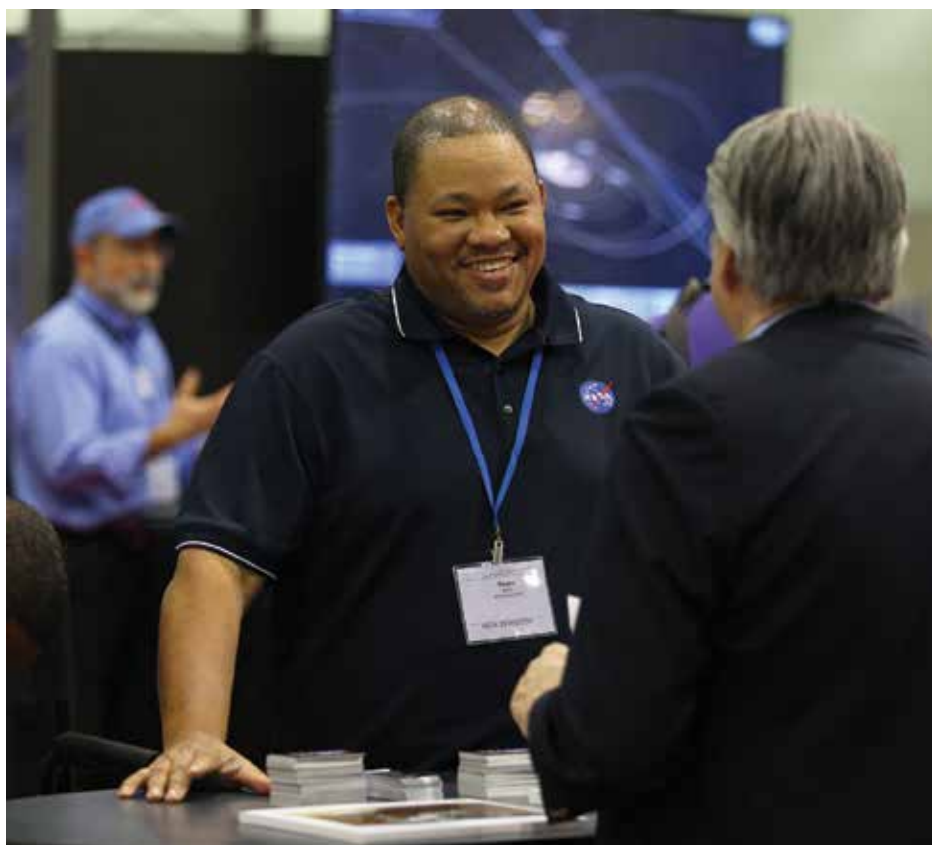
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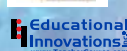
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Website: www.lsc.org

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Website: www.nasa.gov/exploration

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National Agriculture in the Classroom #1204

National Center for Agricultural Literacy at Utah State University
Logan, UT 84322
Phone: 435-213-5562
E-mail: debra.spielmaker@usu.edu
Website: <https://agclassroom.org>

National Agriculture in the Classroom is an organization of state programs that seek to improve agricultural literacy through the content of science, social studies, nutrition education, and *Common Core State Standards*, by providing classroom resources for preK–12 teachers and their students. Agricultural science career resources and a strategy for teaching agricultural issues will be distributed.

National Center for Science Education #1244

1904 Franklin St. B, EN, PD
Oakland, CA 94612 6–12
Phone: 510-601-7203
E-mail: luhn@ncse.com
Website: www.ncse.com

The National Center for Science Education (NCSE) defends the integrity of science education against ideological interference. We work with teachers, parents, scientists, and concerned citizens at the local, state, and national levels to ensure that topics including evolution

and climate change are taught accurately, honestly, and confidently.

National Coalition for Aviation & Space Education #1742

EA, EN, G, PH, PD, T All
5702 Gulfstream Rd.
Richmond, VA 23250-2422
Phone: 773-456-7851
E-mail: captjudy@captainjudy.com
Website: www.aviationeducation.org

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Phone: 703-257-1117
E-mail: kswan@need.org
Website: www.need.org

The National Energy Education Development (NEED) Project is a nonprofit, started in 1980, offering energy education and professional development for K–12 educators. We work hard to help teachers meet requirements of state standards, *Common Core State Standards*, and the *Next Generation Science Standards*. NEED’s philosophy is Kids Teaching Kids—encouraging students to explore and experiment through hands-on activities.



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Pensacola, FL 32508 5–12
Phone: 850-308-8968
E-mail: johara@nationalflightacademy.com
Website: www.nationalflightacademy.com

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Website: www.getstemcertified.com

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Phone: 800-352-9424
E-mail: braininfo@ninds.nih.gov
Website: www.ninds.nih.gov

The National Institute of Neurological Disorders and Stroke (NINDS) provides information about available research support and offers free publications for students, 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.

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National Nanotechnology #136
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Alexandria, VA 22314 College
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The National Student Leadership #249
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 Phone: 318-759-1600
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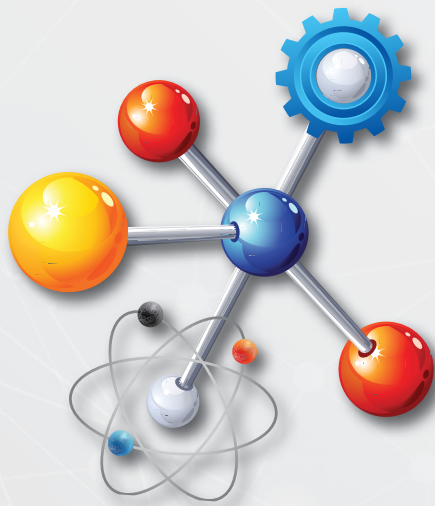
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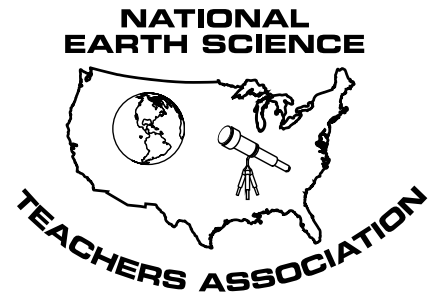
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National Earth Science Teachers Association Events at the 2018 NSTA National Conference in Atlanta



We have a number of exciting sessions! To find our sessions, enter **NESTA** as the keyword when searching events online at NSTA's session browser for the conference. On Friday, March 16 and Saturday, March 17, we have a series of sessions all in **B103** of the Georgia World Congress Center. Don't miss out on our Share-a-Thons and the events below!

www.nestanet.org

Friday, March 16

2:00 – 3:00 p.m. **American Geophysical Union (AGU) Lecture: Chasing Coral Bleaching: A Present and Growing Ecological Disaster: Dr. C. Mark Eakin**



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Sidney Marcus Auditorium, Georgia World Congress Center

Saturday, March 17

5:00 – 6:00 p.m. **NESTA's exciting Rock, Mineral, and Fossil Raffle!**
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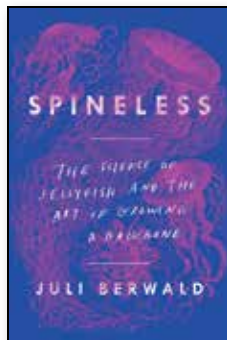
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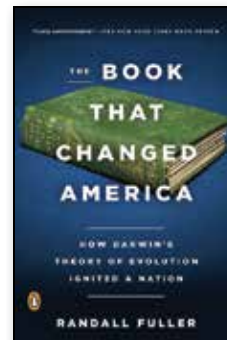
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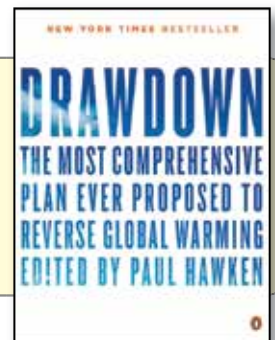
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Madison, WI 53706 K–12
Phone: 608-770-4293
E-mail: dlauffer@wisc.edu
Website: www.fastplants.org

Wisconsin Fast Plants of UW-Madison freely shares innovative resources for teaching science at all levels with rapid-growing Fast Plants. We bring to NSTA and share online NGSS-focused resources for elementary, middle school, high school, and AP biology. From life cycle to genetics, evolution, and environmental sciences, Fast Plants bring science alive.

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World Wildlife Fund #651
1250 24th St. NW B, EA, EN, G, T
Washington, DC 20037 2–6
E-mail: wildclassroom@wwfus.org
Website: www.worldwildlife.org/wildclassroom

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Wednesday, March 14	4:00 PM–7:00 PM
Thursday, March 15	7:30 AM–5:00 PM
Friday, March 16	7:30 AM–5:00 PM
Saturday, March 17	7:30 AM–4:00 PM
Sunday, March 18	8:00 AM–NOON

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3D Molecular Designs LLC (Booth #731)

Thursday, Mar 15	8:00–9:30 AM	B403, GWCC	DNA Structure and Function with a Twist of Dynamic DNA
Thursday, Mar 15	12 Noon–1:30 PM	B403, GWCC	5 E'sy Ways to Investigate Enzymes!
Friday, Mar 16	4:00–5:30 PM	B403, GWCC	Get A Move On! Modeling Molecular Transport Across the Cell Membrane
Saturday, Mar 17	8:00–9:30 AM	B403, GWCC	Of All the Nerve: Exploring Neuronal Communication through 3-D Learning
Saturday, Mar 17	12 Noon–1:30 PM	B403, GWCC	Using Models to Uncover Student Misconceptions in Chemistry

A+ STEM Labs (Booth #1347)

Friday, Mar 16	12 Noon–1:30 PM	B218, GWCC	Making “STEM Available”
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AAAS Project 2061 (Booth #847)

Thursday, Mar 15	4:00–5:30 PM	B215, GWCC	Toward High School Biology: Introducing a New Middle School Curriculum Unit
Friday, Mar 16	8:00–9:30 AM	B215, GWCC	Toward High School Biology: Introducing a New Middle School Curriculum Unit

Activate Learning (Booth #743)

Thursday, Mar 15	8:00–9:00 AM	B214, GWCC	Engage ALL Students by Integrating Engineering, Science, and Daily Life
Thursday, Mar 15	9:30–10:30 AM	B214, GWCC	Literacy in the Context of Science in the Middle School Classroom
Thursday, Mar 15	11:00 AM–12 Noon	B214, GWCC	Implementing Project-Based Science: Storylines, Standards, and Student Work
Thursday, Mar 15	12:30–1:30 PM	B214, GWCC	Structuring Discussion to Be Equitable and Rigorous
Thursday, Mar 15	2:00–3:00 PM	B214, GWCC	Science Storylines and the Driving Question Board: Keeping NGSS Curricula Student Driven
Thursday, Mar 15	3:30–4:30 PM	B214, GWCC	Literacy in the Context of Science in the Elementary Classroom

AEOP (Booth #1815)

Thursday, Mar 15	8:00–9:30 AM	B313, GWCC	Putting the “E” in STEM: Engineering in the Middle School Science Classroom
Thursday, Mar 15	10:00–11:30 AM	B313, GWCC	STEM Challenge: Keeping Students Engaged with Problem Solving
Thursday, Mar 15	12 Noon–1:30 PM	B313, GWCC	Out-of-School STEM Enrichment: AEOP Program Design Collaboration
Thursday, Mar 15	2:00–3:30 PM	B313, GWCC	Speaking From Experience: AEOP Alumni Tell All!
Thursday, Mar 15	4:00–5:30 PM	B313, GWCC	On Your Mark: Get RESET!

Amplify (Booth #1723)

Thursday, Mar 15	8:00–9:30 AM	B404, GWCC	What’s So Phenomenal About Phenomena?
Thursday, Mar 15	10:00–11:30 AM	B404, GWCC	Harnessing Spider Silk: Phenomena and 3-D Instruction for Grades 6–8
Thursday, Mar 15	12 Noon–1:30 PM	B404, GWCC	Integration in Amplify Science: Implementing an NGSS Approach to Cross-Disciplinary Teaching and Learning
Friday, Mar 16	8:00–9:30 AM	B404, GWCC	Patterns in the Sky: Phenomena and 3-D Instruction for Grades K–1
Friday, Mar 16	10:00–11:30 AM	B404, GWCC	Establishing an Orangutan Reserve: Phenomena and 3-D Instruction for Grades 2–5
Friday, Mar 16	12 Noon–1:30 PM	B404, GWCC	Assessment for Learning in the Age of NGSS: Revealing Student Thinking and Taking Action

ANATOMY IN CLAY® Learning System (Booth #1335)

Thursday, Mar 15	2:00–3:30 PM	B408, GWCC	Hands-On Anatomy: Body Building with Clay
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Animalearn (Booth #1245)

Friday, Mar 16	2:00–3:30 PM	B404, GWCC	Take the Leap into the Frog-Friendly Lab
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AquaPhoenix Scientific (Booth #631)

Thursday, Mar 15	2:00–3:30 PM	B406, GWCC	Ballistics: Recreating the <i>Sacco and Vanzetti</i> Case
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Arbor Scientific (Booth #935)

Thursday, Mar 15	4:00–5:30 PM	B403, GWCC	Blinded By the Light
Friday, Mar 16	8:00–9:30 AM	B403, GWCC	May the Force Be With You
Friday, Mar 16	10:00–11:30 AM	B403, GWCC	Seeing Is Believing: Physics Demonstrations to Energize Your Classroom

Bio-Rad Laboratories, Inc. (Booth #434)

Thursday, Mar 15	8:00–9:30 AM	B311, GWCC	Conserving the Panda Population Through Understanding Their Reproductive Endocrinology
Thursday, Mar 15	8:00–9:30 AM	B310, GWCC	Are Increased Incidences of Infection the Result of Climate Change?
Thursday, Mar 15	10:00–11:30 AM	B310, GWCC	Become a GMO Investigator
Thursday, Mar 15	10:30–11:30 AM	B311, GWCC	Investigate Photosynthesis and Cellular Respiration with Algae Beads
Thursday, Mar 15	2:00–3:30 PM	B310, GWCC	Barcoding Lionfishes' Last Meal: A Citizen Science Project for the Classroom
Thursday, Mar 15	2:00–3:30 PM	B311, GWCC	Fight World Hunger with Protein Biology and Designing Treatment Plans
Thursday, Mar 15	4:00–5:30 PM	B311, GWCC	Upgrade Your Genetics Class with Neurobiology and Chemotaxis
Thursday, Mar 15	4:00–5:30 PM	B310, GWCC	Explore Molecular Evolution Using Protein Electrophoresis (AP Big Ideas 1, 3, 4)
Friday, Mar 16	8:00–9:30 AM	B311, GWCC	Algae Blooms: Agriculture, Ecology, and Economy
Friday, Mar 16	8:00–9:30 AM	B310, GWCC	Who's the Panda Daddy? The Bear Facts
Friday, Mar 16	10:00–11:30 AM	B310, GWCC	Fascinate Your Students with Glowing Bacteria
Friday, Mar 16	10:00–11:30 AM	B311, GWCC	Math and Modeling Together! Improving Students' Quantitative Skills in Biology
Friday, Mar 16	2:00–3:30 PM	B310, GWCC	Get That Grant Money!
Friday, Mar 16	2:00–3:30 PM	B311, GWCC	Lab Skills: The Escape Room!
Friday, Mar 16	4:00–5:30 PM	B310, GWCC	Identify Patient Zero of a Zombie Apocalypse!
Friday, Mar 16	4:00–5:30 PM	B311, GWCC	Lab Skills: The Escape Room!
Saturday, Mar 17	8:00–9:30 AM	B310, GWCC	Mushroom Ecology and Why It Matters for Biofuel Production
Saturday, Mar 17	10:00–11:30 AM	B310, GWCC	That's My Idea! Engineering in the Classroom Through Product Design

BIOZONE International, Ltd. (Booth #1427)

Thursday, Mar 15	10:00–11:30 AM	B406, GWCC	BIOZONE's New NGSS Series for High School
Friday, Mar 16	10:00–11:30 AM	B406, GWCC	AP Biology: BIOZONE Showcases the New 2017 Editions
Saturday, Mar 17	10:00–11:30 AM	B406, GWCC	BIOZONE's New NGSS Series for High School

Capitol Region Education Council (Booth #1709)

Friday, Mar 16	12 Noon–1:30 PM	B408, GWCC	Catalyzing Your NGSS Implementation K–12
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Carolina Biological Supply Co. (Booth #607)

Thursday, Mar 15	10:00–11:30 AM	B201, GWCC	Shifting to the Five Innovations: Density Phenomena
Thursday, Mar 15	10:00–11:30 AM	B202, GWCC	Carolina's Young Scientist™ Dissections with Carolina's Perfect Solution® Specimens
Thursday, Mar 15	10:00–11:30 AM	B204, GWCC	Engineer Physical Science Excitement with a Carolina STEM Challenge®
Thursday, Mar 15	12 Noon–1:30 PM	B202, GWCC	Keep Calm and Chemistry On: Successful Lab Activities for the New Chemistry Teacher
Thursday, Mar 15	12 Noon–1:30 PM	B201, GWCC	Planning and Designing Investigations Using Balanced and Unbalanced Forces
Thursday, Mar 15	12 Noon–1:30 PM	B204, GWCC	Come to Your Senses: Physiology in Action
Thursday, Mar 15	2:00–3:30 PM	B202, GWCC	Strawberry Milkshakes: DNA and Lactose Intolerance
Thursday, Mar 15	2:00–3:30 PM	B201, GWCC	Smithsonian Engineering: Sending Coded Messages Using Sound

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Carolina Biological Supply Co. , continued

Thursday, Mar 15	2:00–3:30 PM	B204, GWCC	Introduction to Wisconsin Fast Plants®
Thursday, Mar 15	4:00–5:30 PM	B204, GWCC	Hands-On Science with Classroom Critters
Thursday, Mar 15	4:00–5:30 PM	B202, GWCC	Autopsy: Forensic Dissection Featuring Carolina's Perfect Solution® Pigs
Thursday, Mar 15	4:00–5:30 PM	B201, GWCC	Plants, Bessbugs, and Squid: Build Understanding of Structure and Function
Friday, Mar 16	8:00–9:30 AM	B201, GWCC	Planning and Designing Investigations Using Balanced and Unbalanced Forces
Friday, Mar 16	8:00–9:30 AM	B204, GWCC	Arriving on the Scene: Collect and Analyze Evidence Like the Pros
Friday, Mar 16	8:00–9:30 AM	B202, GWCC	Comparative Mammalian Organ Dissection with Carolina's Perfect Solution® Specimens
Friday, Mar 16	10:00–11:30 AM	B204, GWCC	Hands-On Activities to Model Sampling, Habitat Degradation, and Animal Choice
Friday, Mar 16	10:00–11:30 AM	B201, GWCC	Plants, Bessbugs, and Squid: Build Understanding of Structure and Function
Friday, Mar 16	10:00–11:30 AM	B202, GWCC	Comparative Vertebrate Anatomy with Carolina's Perfect Solution® Specimens
Friday, Mar 16	12 Noon–1:30 PM	B202, GWCC	Keep Calm and Chemistry On: Successful Lab Activities for the New Chemistry Teacher
Friday, Mar 16	12 Noon–1:30 PM	B201, GWCC	Shifting to the Five Innovations: Density Phenomena
Friday, Mar 16	12 Noon–1:30 PM	B204, GWCC	They Come in Pairs: Addressing Student Misconceptions About Chromosomes
Friday, Mar 16	2:00–3:30 PM	B202, GWCC	Protein Necklace: Harnessing the Glow of Jellyfish
Friday, Mar 16	2:00–3:30 PM	B204, GWCC	Hands-On Science with Classroom Critters
Friday, Mar 16	2:00–3:30 PM	B201, GWCC	Smithsonian Engineering: Sending Coded Messages Using Sound
Friday, Mar 16	4:00–5:30 PM	B204, GWCC	Clean Up Your Mess!
Friday, Mar 16	4:00–5:30 PM	B202, GWCC	Shark Dissection: A Jawsome Experience!

Celeston (Booth #903)

Thursday, Mar 15	12 Noon–1:30 PM	B217, GWCC	Teaching Solar Astronomy in the Classroom
Thursday, Mar 15	4:00–5:30 PM	B404, GWCC	BUGDORK! Using Insects to Engage Students and Inspire Learning
Friday, Mar 16	8:00–9:30 AM	B217, GWCC	Different Isn't Bad: Using Arthropods to Teach About Science, Society, and Being a Teen
Saturday, Mar 17	8:00–9:30 AM	B217, GWCC	Bring Citizen Science into Focus

CPO Science/School Specialty Science (Booth #531)

Thursday, Mar 15	8:00–9:30 AM	B303, GWCC	Go on a Cell Quest! Teaching Cell Structure Through Gaming
Thursday, Mar 15	10:00–11:30 AM	B303, GWCC	Energy Quest: Where Cell Pathways ARE Fun and Games
Thursday, Mar 15	2:00–3:30 PM	B303, GWCC	Gamifying the Atom: Fun with Ions, Particles, Bonding, and Periodicity
Friday, Mar 16	8:00–9:30 AM	B303, GWCC	Wind Turbines: A STEM Approach to Engineering and Design
Friday, Mar 16	10:00–11:30 AM	B303, GWCC	Go on a Cell Quest! Teaching Cell Structure Through Gaming
Friday, Mar 16	12 Noon–1:30 PM	B303, GWCC	Collisions and Restraints: Solving Problems Through Engineering
Friday, Mar 16	2:00–3:30 PM	B303, GWCC	Are You Crazy About Genetics?

Delta Education (Booth #531) and Frey Scientific (Booth #531)

Thursday, Mar 15	4:00–5:30 PM	B301, GWCC	Boosting the Makerspace Experience for Young Scientists!
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Delta Education/School Specialty Science (Booth #531)

Thursday, Mar 15	8:00–9:30 AM	B301, GWCC	Making the Most of Hands-On with Leveled Reading and Notebooking
Thursday, Mar 15	10:00–11:30 AM	B301, GWCC	How to Argue in the Elementary Science Class
Thursday, Mar 15	12 Noon–1:30 PM	B301, GWCC	Embedding Practices and Crosscutting Concepts into Hands-On Science
Thursday, Mar 15	2:00–3:30 PM	B301, GWCC	Guiding Students Through Informational Text to Support Hands-On

Delta Education/School Specialty Science–FOSS (Booth #531)

Thursday, Mar 15	8:00–9:30 AM	B302, GWCC	Identifying Energy Transfers in Motors and Generators
Thursday, Mar 15	10:00–11:30 AM	B302, GWCC	Wave Properties and Information Technologies
Thursday, Mar 15	12 Noon–1:30 PM	B302, GWCC	Sense-Making Through Modeling, Argumentation, and Explanations in Grades K–5
Thursday, Mar 15	2:00–3:30 PM	B302, GWCC	Ten Minutes to Improving Science Achievement
Thursday, Mar 15	4:00–5:30 PM	B302, GWCC	FOSS for All Students—Access and Equity
Friday, Mar 16	8:00–9:30 AM	B302, GWCC	Engage Students in FOSS Next Generation K–5
Friday, Mar 16	10:00–11:30 AM	B302, GWCC	What Do Crosscutting Concepts Look Like in a Elementary Classroom
Friday, Mar 16	12 Noon–1:30 PM	B302, GWCC	What Do Crosscutting Concepts Look Like in a Middle School Classroom?
Friday, Mar 16	2:00–3:30 PM	B302, GWCC	Developing Models for Sensory Receptors
Friday, Mar 16	4:00–5:30 PM	B302, GWCC	Evolutionary Evidence in the Fossil Record

Educational Innovations (Booth #1213)

Friday, Mar 16	8:00–9:30 AM	B313, GWCC	Cool! Can We Do That Again?!
Friday, Mar 16	10:00–11:30 AM	B313, GWCC	Fantastical Chemistry Demos for All Classrooms
Friday, Mar 16	12 Noon–1:30 PM	B313, GWCC	3-2-1 Blast Off!
Friday, Mar 16	2:00–3:30 PM	B313, GWCC	Elementary Teacher Survival Kit
Friday, Mar 16	4:00–5:30 PM	B313, GWCC	STEAM Meets IoT: Code Your Own Autonomous Vehicle with SAM Labs
Saturday, Mar 17	10:00–11:30 AM	B313, GWCC	Hear That? Exploring the Sound of Science
Saturday, Mar 17	12 Noon–1:30 PM	B313, GWCC	No Pressure: Teaching About Air Is a Breeze!

Edvotek (Booth #1514)

Thursday, Mar 15	8:00–9:00 AM	B306, GWCC	Martian Genetics: A DNA and Electrophoresis Exploration
Thursday, Mar 15	9:30–10:30 AM	B306, GWCC	Exploring STEAM with Transformation!
Thursday, Mar 15	11:00 AM–12 Noon	B306, GWCC	Left at the Scene of the Crime: Introduction to Forensic Science
Thursday, Mar 15	12:30–1:30 PM	B306, GWCC	What's in My Lunch: Using Biotechnology to Detect GMOs and Common Allergens
Thursday, Mar 15	2:00–3:00 PM	B306, GWCC	Cancer Investigators: Medical Diagnostics in Your Classroom
Thursday, Mar 15	3:30–4:30 PM	B306, GWCC	Exploring the Genetics of Taste: SNP Analysis of the PTC Gene Using PCR

ETA hand2mind (Booth #1842)

Friday, Mar 16	8:00–9:30 AM	B213, GWCC	Get Hands-On with STEM
Friday, Mar 16	12 Noon–1:30 PM	B213, GWCC	STEM Bins®: Engineering Through Play

Exploring Physics (Booth #934)

Friday, Mar 16	12 Noon–1:30 PM	B217, GWCC	Inquiry and Modeling-Based Digital Curriculum App for Conceptual Physics/Physical Science
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Fisher Science Education (Booth #543)

Friday, Mar 16	8:00–9:30 AM	B306, GWCC	STEM Design Challenge
Friday, Mar 16	10:00–11:30 AM	B306, GWCC	The Chemistry of Glow Sticks
Friday, Mar 16	12 Noon–1:30 PM	B306, GWCC	Application of Presumptive Tests for Blood to Physical Evidence
Friday, Mar 16	2:00–3:30 PM	B306, GWCC	Changing Perceptions on Climate Change Through Citizen Science and Phenology

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Flinn Scientific, Inc. (Booth #1022)

Thursday, Mar 15	8:00–9:30 AM	B203, GWCC	Positively Engaging Demos and Labs for Chemistry from Flinn Scientific
Thursday, Mar 15	10:00–11:30 AM	B203, GWCC	Flinn Favorite Biology Activities and Games
Thursday, Mar 15	12 Noon–1:30 PM	B203, GWCC	Year-Round Solutions for Success in AP Chemistry from Flinn Scientific
Thursday, Mar 15	4:00–5:30 PM	B203, GWCC	Exploring Biology Through Dissection from Flinn Scientific
Friday, Mar 16	8:00–9:30 AM	B203, GWCC	Fantastic Physical Science Demonstrations from Flinn Scientific
Friday, Mar 16	10:00–11:30 AM	B203, GWCC	Support Your Students in Their Scientific Journey with Flinn's Digital Resources
Friday, Mar 16	12 Noon–1:30 PM	B203, GWCC	Dynamic Demonstrations from Flinn Scientific
Friday, Mar 16	2:00–3:30 PM	B203, GWCC	Green Chemistry Experiments for General and AP Chemistry
Friday, Mar 16	4:00–5:30 PM	B203, GWCC	Flipping AP Biology with FlinnPREP™
Saturday, Mar 17	8:00–9:30 AM	B203, GWCC	Flinn Favorite Biology Activities and Games
Saturday, Mar 17	12 Noon–1:30 PM	B203, GWCC	Award-Winning STEM Enrichment Program for Grades 4–8 from Flinn Scientific
Saturday, Mar 17	2:00–3:30 PM	B203, GWCC	Building or Renovating a Laboratory? Get Your Questions Answered

FLIR® Systems, Inc. (Booth #730)

Friday, Mar 16	4:00–5:30 PM	B214, GWCC	See Science in a Whole New Light with Thermal Imaging
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Frey Scientific/School Specialty Science (Booth #531)

Thursday, Mar 15	12 Noon–1:30 PM	B303, GWCC	Solve the Mystery of STEM Using Forensic Science
Thursday, Mar 15	4:00–5:30 PM	B303, GWCC	Cubelets! Modular Robotics for K–12
Friday, Mar 16	4:00–5:30 PM	B303, GWCC	Makerspace Strategies and Solutions for the Secondary Level

Google (Booth #1151)

Thursday, Mar 15	6:00–7:00 PM	Marcus Auditorium, GWCC	Introducing OK Go Sandbox Mainstage Presentation, courtesy of Google
Saturday, Mar 17	10:00–11:30 AM	B214, GWCC	Hands-On with Googles Science Journal App

HHMI BioInteractive (Booth #323)

Thursday, Mar 15	8:00–9:30 AM	B308, GWCC	How Do Species Coexist? Niche Partitioning with HHMI BioInteractive
Thursday, Mar 15	10:00–11:30 AM	B308, GWCC	The Central Dogma, CRISPR, and Genetic Medicine
Thursday, Mar 15	12 Noon–1:30 PM	B308, GWCC	Making Evolutionary Connections Within an NGSS Storyline
Thursday, Mar 15	2:00–3:30 PM	B308, GWCC	Using HHMI Resources as Phenomena: The Earth/Life Science NGSS Crosswalk
Thursday, Mar 15	4:00–5:30 PM	B308, GWCC	Modeling Population Dynamics in Gorongosa National Park
Thursday, Mar 15	4:00–5:30 PM	B213, GWCC	Building Knowledge with BioInteractive and Understanding Global Change
Friday, Mar 16	8:00–9:30 AM	B308, GWCC	Scientists at Work: Bringing Science to Life with HHMI BioInteractive
Friday, Mar 16	10:00–11:30 AM	B308, GWCC	Biology and Geology: Co-Evolving Over Time
Friday, Mar 16	12 Noon–1:30 PM	B308, GWCC	Alzheimer's to Zoonosis: Using Disease to Teach Data Analysis
Friday, Mar 16	2:00–3:30 PM	B308, GWCC	BioInteractive Scientists at Work Integrates NGSS Practices!
Friday, Mar 16	4:00–5:30 PM	B308, GWCC	Exploring Trophic Cascades with HHMI BioInteractive Resources
Saturday, Mar 17	8:00–9:30 AM	B308, GWCC	Connecting Biological Concepts Through Phenomena: Sickle Cell and Malaria
Saturday, Mar 17	10:00–11:30 AM	B308, GWCC	Explore Our Changing Planet and Mass Extinctions with HHMI BioInteractive

Houghton Mifflin Harcourt (Booth #1110)

Thursday, Mar 15	2:00–3:30 PM	B314, GWCC	Soft Drinks, Subject Silos, Synergy, and Sweet Darwinian Diet Deliberations
Thursday, Mar 15	4:00–5:30 PM	B314, GWCC	NGSS Engineering and Self-Powered Vehicles
Friday, Mar 16	8:00–9:30 AM	B314, GWCC	Claims, Evidence, and Reasoning in Action
Friday, Mar 16	10:00–11:30 AM	B314, GWCC	An NGSS Approach to Challenging Concepts in Chemistry
Friday, Mar 16	12 Noon–1:30 PM	B314, GWCC	From Big Bird to Bird Brains: Modeling Structure and Function in Biology with Help from Our Feathered Friends

Houghton Mifflin Harcourt, continued

Saturday, Mar 17	8:00–9:30 AM	B314, GWCC	How Engineering Can Make 3-D Assessments Sparkle
Saturday, Mar 17	10:00–11:30 AM	B314, GWCC	Awesome Earth Systems Activities for the Science Classroom
Saturday, Mar 17	12 Noon–1:30 PM	B314, GWCC	All Standards All Students Case Study: Looking at the Intersections Between Social Emotional Learning (SEL) and NGSS
Saturday, Mar 17	2:00–3:30 PM	B314, GWCC	So You Are Teaching Earth Science Now—What You Need to Know to Be Prepared

HudsonAlpha Institute for Biotechnology (Booth #1104)

Saturday, Mar 17	8:00–9:30 AM	B306, GWCC	Top Biotech Stories of 2017
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Inq-ITS (Booth #1837)

Saturday, Mar 17	12 Noon–1:30 PM	B306, GWCC	Personalized Virtual Labs that Grade Themselves
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Insurance Institute for Highway Safety (Booth #1307)

Friday, Mar 16	2:00–3:30 PM	B407, GWCC	Crash Science Website Launched! Free STEM Activities, Videos, and More
Saturday, Mar 17	10:00–11:30 AM	B407, GWCC	Crash Science Website Launched! Free STEM Activities, Videos, and More

JASON Learning (Booth #750)

Friday, Mar 16	4:00–5:30 PM	B218, GWCC	JASON Learning Inspiring All Learners, Building STEM Communities
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Knowles Teacher Initiative (Booth #1833)

Thursday, Mar 15	4:00–5:30 PM	B408, GWCC	Use Teacher-Created Frameworks to Integrate Engineering Design and Teach Science Content
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Lab-Aids, Inc. (Booth #723)

Thursday, Mar 15	8:00–9:30 AM	B305, GWCC	NGSS Waves: Making an Abstract Concept Visible!
Thursday, Mar 15	10:00–11:30 AM	B305, GWCC	NGSS Ecology: Modeling the Introduction of a New Species
Thursday, Mar 15	12 Noon–1:30 PM	B305, GWCC	Cliff Model
Thursday, Mar 15	2:00–3:30 PM	B305, GWCC	Chemical Batteries
Thursday, Mar 15	4:00–5:30 PM	B305, GWCC	NGSS Reproduction: Breeding Critters—More Traits
Friday, Mar 16	8:00–9:30 AM	B305, GWCC	Photosynthesis and Respiration Shuffle
Friday, Mar 16	10:00–11:30 AM	B305, GWCC	Cell Differentiation and Gene Expression
Friday, Mar 16	12 Noon–1:30 PM	B305, GWCC	What Is a Species?
Friday, Mar 16	2:00–3:30 PM	B305, GWCC	Chemical Formula and Amino Acids
Friday, Mar 16	4:00–5:30 PM	B305, GWCC	pH Scale
Saturday, Mar 17	8:00–9:30 AM	B305, GWCC	Calling All Carbons
Saturday, Mar 17	10:00–11:30 AM	B305, GWCC	Prospecting for Mineral Ore
Saturday, Mar 17	12 Noon–1:30 PM	B305, GWCC	Using Climate Proxies to Learn about Earth's Climate History
Saturday, Mar 17	2:00–3:30 PM	B305, GWCC	NGSS Biomedical Engineering: Get a Grip!
Saturday, Mar 17	4:00–5:30 PM	B305, GWCC	Follow the Energy

LaMotte Co. (Booth #815)

Thursday, Mar 15	2:00–3:30 PM	B218, GWCC	Stream Ecology: Slimy Leaves for Healthy Streams
Friday, Mar 16	2:00–3:30 PM	B218, GWCC	Stream Ecology: Slimy Leaves for Healthy Streams

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LearnEd Notebooks (Booth #544)

Thursday, Mar 15 2:00–3:30 PM B403, GWCC Science Notebooking: Finding What Works

Learning Bits (Booth #1634)

Thursday, Mar 15 2:00–3:30 PM B404, GWCC A Great Resource to Implement NGSS Through the 5E Model

Legends of Learning (Booths #1629 and #1729)

Thursday, Mar 15 4:00–5:30 PM B217, GWCC Legendary Game-Based Learning

LEGO Education (Booth #1122)

Thursday, Mar 15 8:00–9:30 AM B409, GWCC Use Science, Coding, and Robotics in the Elementary Classroom to Solve Real-World Problems

Thursday, Mar 15 10:00–11:30 AM B409, GWCC Gears, Wheels, Axles, Levers, and Pulleys: How Do They Lay the Foundation for Robotics?

Thursday, Mar 15 1:00–2:30 PM B409, GWCC Integrating Robotics into Your Science Classroom (Grades 5+)

Thursday, Mar 15 3:00–4:30 PM B409, GWCC Explore Renewable Energy with Hands-On Activities

Friday, Mar 16 8:00–9:30 AM B409, GWCC Integrating Robotics into Your Science Classroom (Grades 5+)

Friday, Mar 16 10:00–11:30 AM B409, GWCC Gears, Wheels, Axles, Levers, and Pulleys: How Do They Lay the Foundation for Robotics?

Friday, Mar 16 1:00–2:30 PM B409, GWCC Use Science, Coding, and Robotics in the Elementary Classroom to Solve Real-World Problems

Friday, Mar 16 3:00–4:30 PM B409, GWCC Explore Renewable Energy with Hands-On Activities

Saturday, Mar 17 8:00–9:30 AM B409, GWCC Integrating Robotics into Your Science Classroom (Grades 5+)

Saturday, Mar 17 10:00–11:30 AM B409, GWCC Use Science, Coding, and Robotics in the Elementary Classroom to Solve Real-World Problems

McGraw-Hill Education (Booth #635)

Thursday, Mar 15 2:00–3:30 PM B213, GWCC Integrating Engineering into the Grades 6–12 Classroom

Friday, Mar 16 10:00–11:30 AM B213, GWCC AP Biology Unwrapped: Discover the Keys to AP Exam Success

Friday, Mar 16 2:00–3:30 PM B312, GWCC Science Vocabulary Has Kinetic Energy When It's Moving

Saturday, Mar 17 10:00–11:30 AM B312, GWCC Eliciting Evidence of What Students Really Think About Core Ideas in Science

Measured Progress (Booth #432)

Thursday, Mar 15 12 Noon–1:30 PM B218, GWCC Unpacking the NGSS Through Instructional Practices

Friday, Mar 16 10:00–11:30 AM B218, GWCC Unpacking the NGSS Through Instructional Practices

Minecraft Education (Booth #1516)

Thursday, Mar 15 12 Noon–1:30 PM B408, GWCC How to Teach Science with Minecraft

Friday, Mar 16 2:00–3:30 PM B314, GWCC How to Teach Science with Minecraft

Saturday, Mar 17 10:00–11:30 AM B408, GWCC How to Teach Science with Minecraft

MiniOne Systems (Booth #1136)

Thursday, Mar 15	8:00–9:00 AM	B210, GWCC	Who Is Baby Whale’s Father? DNA Fingerprinting Solves the Mystery!
Thursday, Mar 15	9:15–10:45 AM	B210, GWCC	Foodborne Outbreak Investigation Using Gel Electrophoresis
Thursday, Mar 15	11:00AM–12:15 PM	B210, GWCC	A New Hands-On Clear and Reliable Way to Teach Restriction Digest Labs
Thursday, Mar 15	12:30–1:45 PM	B210, GWCC	Affordable Hands-On PCR Lab in One Class Period Is for Real
Thursday, Mar 15	2:00–3:00 PM	B210, GWCC	Personalized Genetics: Isolate and Amplify Your Own PTC Taste Gene
Thursday, Mar 15	3:30–4:30 PM	B210, GWCC	Determine the Genotype for PTC Taster and Non-Taster by Electrophoresis
Thursday, Mar 15	5:00–6:00 PM	B210, GWCC	DNA Forensics Solves the Murder of Dr. Ward

miniPCR (Booth #1235)

Thursday, Mar 15	8:00–9:00 AM	B209, GWCC	DNA Fingerprinting: Identifying Individuals Using Gel Electrophoresis
Thursday, Mar 15	9:30–10:30 AM	B209, GWCC	DNA Glow Lab: A New Way to Investigate DNA Structure
Thursday, Mar 15	11:00AM–12 Noon	B209, GWCC	Are You a Night Owl? A Morning Lark? The Answer May Be in Your Genes...
Thursday, Mar 15	12:30–1:30 PM	B209, GWCC	Solving a Forensics Mystery Through DNA Analysis: D1S80 VNTR Lab
Thursday, Mar 15	2:00–3:00 PM	B209, GWCC	Genes in Space STEM Contest: Your DNA Experiment in Space!
Thursday, Mar 15	3:15–3:45 PM	B209, GWCC	Lab in a Box: A Free Biotechnology Loaner Program from Genes in Space
Thursday, Mar 15	4:00–4:30 PM	B209, GWCC	LARP! Live Action Role Playing and the Biology Curriculum

molymod models, Spiring Ltd. (Booth #843)

Friday, Mar 16	10:00–11:30 AM	B214, GWCC	Using Molymod Model Kits to Enhance Instruction in Biology “the Building Blocks of Life” and Chemistry
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Monsanto Co. (Booth #912)

Thursday, Mar 15	2:00–3:30 PM	B312, GWCC	GMOs a Hot Topic in the Media, Classroom, and Around the Dinner Table: Panel Discussion and Presentation by Monsanto Company
Friday, Mar 16	8:00–9:30 AM	B312, GWCC	Grow GMO Seeds in Your Classroom, Conduct Protein and DNA Analyses Using Lateral Flow Strips and PCR
Friday, Mar 16	10:00–11:30 AM	B312, GWCC	GMOs a Hot Topic in the Media, Classroom, and Around the Dinner Table: Panel Discussion and Presentation by Monsanto Company

MSOE Center for BioMolecular Modeling (Booth #729)

Thursday, Mar 15	10:00–11:30 AM	B403, GWCC	Going with the Flow of Genetic Information: Transcription and Translation
Friday, Mar 16	12 Noon–1:30 PM	B403, GWCC	Take a Walk through the Molecular World with Watercolor Landscapes
Friday, Mar 16	2:00–3:30 PM	B403, GWCC	Keep Your Head Above Water with Magnetic Water Molecule Models
Saturday, Mar 17	10:00–11:30 AM	B403, GWCC	The Science and Ethics of Genomic Editing with CRISPR/Cas9

Nanolive SA (Booth #1814)

Friday, Mar 16	4:00–5:30 PM	B408, GWCC	Explore Cells in 3D!
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NaRiKa Corp. (Booth #942)

Friday, Mar 16	4:00–5:30 PM	B215, GWCC	Hands-On Approach to Teach Electricity in Japan
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National Geographic Learning | Cengage (Booth #1142)

Friday, Mar 16	2:00–3:30 PM	B408, GWCC	Bringing the World into Your Classroom with National Geographic Explorers
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National Geographic Society (Booth #1143)

Friday, Mar 16	8:00–9:30 AM	B406, GWCC	Become a National Geographic Certified Educator
Friday, Mar 16	4:00–5:30 PM	B404, GWCC	National Geographic's Geo-Inquiry Process in Action!

National Institute for STEM Education (Booth #833)

Friday, Mar 16	9:30–10:30 AM	B301, GWCC	Science Teacher/ STEM Teacher: What's the Difference?
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National Nanotechnology Coordination Office (Booth #136)

Friday, Mar 16	4:00–5:30 PM	B217, GWCC	Bringing Standards-Based Nanotechnology Lessons into the Secondary Science Classroom: Addressing 3-D Learning
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NOAA Education (Booth #142)

Saturday, Mar 17	8:00–9:30 AM	B303, GWCC	STEM and Stewardship Series 1: Polar Popsicles
Saturday, Mar 17	10:00–11:30 AM	B303, GWCC	STEM and Stewardship Series 2: Planet Stewards Education Project
Saturday, Mar 17	12 Noon–1:30 PM	B303, GWCC	STEM and Stewardship Series 3: Chasing Coral Bleaching

Operation Wallacea Ltd. (Booth #337)

Friday, Mar 16	12 Noon–1:30 PM	B214, GWCC	Conservation Research Through Academic Partnerships: Discovering New Species with Students
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PASCO scientific (Booth #909)

Thursday, Mar 15	8:00–9:00 AM	B316, GWCC	Use Free GIS to Launch Weather Units into the Stratosphere
Thursday, Mar 15	8:00–9:00 AM	B315, GWCC	What's in the Water? Colorimetry and Conductivity of Solutions
Thursday, Mar 15	9:30–10:30 AM	B315, GWCC	pH: Hands-On Strategies to Tackle Misconceptions
Thursday, Mar 15	9:30–10:30 AM	B316, GWCC	Hands-On: Exploring Enzymes the NGSS Way
Thursday, Mar 15	11:00 AM–12 Noon	B316, GWCC	Crash Barrier: How to Design a STEM Engineering Challenge
Thursday, Mar 15	11:00 AM–12 Noon	B315, GWCC	Stoichiometry: Tools and Strategies that Make It Easier to Teach
Thursday, Mar 15	12:30–1:30 PM	B315, GWCC	Use Data to Slay Misconceptions about Photosynthesis and Respiration
Thursday, Mar 15	12:30–1:30 PM	B316, GWCC	155 Essential Interactive Equations and Simulations for Physics
Thursday, Mar 15	2:00–3:00 PM	B316, GWCC	Made Easy: How to Untangle Electric Circuits
Thursday, Mar 15	2:00–3:00 PM	B315, GWCC	Subscripts and Coefficients Made Easy!
Thursday, Mar 15	3:30–4:30 PM	B315, GWCC	Evaporative Cooling: Visualizing Matter so It Makes Sense!
Thursday, Mar 15	3:30–4:30 PM	B316, GWCC	Hands-On: Teach Speed and Velocity with Motion Graphs
Friday, Mar 16	8:00–9:00 AM	B316, GWCC	Made Easy: How to Untangle Electric Circuits
Friday, Mar 16	8:00–9:00 AM	B315, GWCC	Hands-On: Model Watersheds and Human Impacts
Friday, Mar 16	9:30–10:30 AM	B315, GWCC	Hands-On: Strategies to Teach Adaptations
Friday, Mar 16	9:30–10:30 AM	B316, GWCC	Crash Barrier: How to Design a STEM Engineering Challenge
Friday, Mar 16	11:00 AM–12 Noon	B316, GWCC	Enlighten Your Optics, Color, and Light Unit
Friday, Mar 16	11:00 AM–12 Noon	B315, GWCC	Stoichiometry: Tools and Strategies that Make It Easier to Teach
Friday, Mar 16	12:30–1:30 PM	B315, GWCC	What's in the Water? Colorimetry and Conductivity of Solutions
Friday, Mar 16	12:30–1:30 PM	B316, GWCC	Use Free GIS to Launch Weather Units into the Stratosphere
Friday, Mar 16	2:00–3:00 PM	B316, GWCC	Hands-On: Modeling Ocean Acidification
Friday, Mar 16	2:00–3:00 PM	B315, GWCC	Use Better Models to Teach Protein Synthesis
Friday, Mar 16	3:30–4:30 PM	B315, GWCC	Use Data to Slay Misconceptions about Photosynthesis and Respiration
Friday, Mar 16	3:30–4:30 PM	B316, GWCC	STEM Activity: Better Bridge Building!

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PBS LearningMedia /WGBH (Booth #1132)

Thursday, Mar 15	2:00–3:30 PM	B217, GWCC	Big Data in the Classroom: Teaching About Earth with Authentic Data for Elementary Grades
Friday, Mar 16	10:00–11:30 AM	B217, GWCC	Big Data in the Classroom: Teaching About Earth with Authentic Data for Middle School and High School

Pearson Education (Booth #222)

Thursday, Mar 15	8:00–9:00 AM	B216, GWCC	Take Your Students On a Quest! A Real-World Problem-Based Learning Project that Incorporates All Three Dimensions of NGSS
Thursday, Mar 15	9:30–10:30 AM	B216, GWCC	Make Any Classroom a Makerspace
Thursday, Mar 15	11:00 AM–12 Noon	B216, GWCC	Cultivating a Culture of Argumentation in Your Classroom
Thursday, Mar 15	12:30–1:30 PM	B216, GWCC	Climate Change and Beyond: The Understanding Global Change (UGC) Conceptual Framework
Thursday, Mar 15	2:00–3:00 PM	B216, GWCC	Make Any Classroom a Makerspace
Thursday, Mar 15	3:30–4:30 PM	B216, GWCC	Get Your Chemistry in Gear: Problem-Based Learning in Your Chemistry Classroom
Friday, Mar 16	8:00–9:00 AM	B216, GWCC	littleBits in Grades 3–8 STEM Classrooms
Friday, Mar 16	9:30–10:30 AM	B216, GWCC	Ideas for Teaching About Earthquakes and Earth Structure in an NGSS Classroom
Friday, Mar 16	11:00 AM–12 Noon	B216, GWCC	Incorporating the NGSS Crosscutting Concepts into Your Teaching
Friday, Mar 16	12:30–1:30 PM	B216, GWCC	From CRISPR to Three-Parent Babies and Back Again: What to Tell Our Students About the Coming Revolution in Human Biology
Friday, Mar 16	2:00–3:00 PM	B216, GWCC	Science Denial: Where Does It Come From? What Can Science Educators Do About It?
Friday, Mar 16	3:30–4:30 PM	B216, GWCC	Using Problem-Based Learning to Up Your NGSS Game

Perimeter Institute for Theoretical Physics (Booth #1050)

Thursday, Mar 15	12 Noon–1:30 PM	B215, GWCC	What's New in Physics?
Thursday, Mar 15	2:00–3:30 PM	B215, GWCC	How Do Scientists Think?
Friday, Mar 16	10:00–11:30 AM	B215, GWCC	Spicing Up Classical Physics
Friday, Mar 16	12 Noon–1:30 PM	B215, GWCC	Visualizing Energy for Deeper Student Understanding
Saturday, Mar 17	8:00–9:30 AM	B215, GWCC	Shoot for the Stars: Freshmen Astronomy!
Saturday, Mar 17	10:00–11:30 AM	B215, GWCC	Climate Change

PlayMada Games (Booth #1037)

Thursday, Mar 15	4:00–5:30 PM	B218, GWCC	Engaging Students with Chemistry Games
Friday, Mar 16	8:00–9:30 AM	B218, GWCC	Inquiry in the Chemistry Classroom: A Game-Based Approach

PowerUpEDU (Booth #443)

Friday, Mar 16	2:00–3:30 PM	B406, GWCC	Make Science Relevant and Engaging Featuring a Mobile Data Logger
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SAE International (Booth #1034)

Thursday, Mar 15	8:00–9:30 AM	B217, GWCC	Linking Literature and STEM in the Primary Classroom
Thursday, Mar 15	10:00–11:30 AM	B217, GWCC	Hands-On STEM in the Upper Elementary Classroom

Scholastic, Inc. (Booth #1031)

Friday, Mar 16	2:00–3:30 PM	B214, GWCC	Science Magazines: Where Literacy Meets Phenomenon-Based Learning
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Simulation Curriculum (Booth #1247)

Thursday, Mar 15	8:00–9:30 AM	B408, GWCC	Earth and Space Science for the Modern, Interactive Classroom
Thursday, Mar 15	10:00–11:30 AM	B408, GWCC	Plate Tectonics Made Easy
Friday, Mar 16	8:00–9:30 AM	B408, GWCC	Extreme Weather
Friday, Mar 16	10:00–11:30 AM	B408, GWCC	A Close Encounter with the Red Planet

Society for Neuroscience (Booth #442)

Saturday, Mar 17	10:00–11:30 AM	B304, GWCC	A Music and Mind Melody
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STEMscopes (Booth #823)

Friday, Mar 16	8:00–9:00 AM	B301, GWCC	STEMrangers: Making Science Night Meaningful
Friday, Mar 16	11:00 AM–12 Noon	B301, GWCC	Using Argumentation for Discussing Phenomena and Increasing Student Voice about STEM
Friday, Mar 16	12:30–1:30 PM	B301, GWCC	Demystifying Phenomenon: Earthquake-Proof Towers and Engineering Design
Friday, Mar 16	2:00–3:00 PM	B301, GWCC	DIVE-in Engineering: New Ideas for the Maker Movement
Friday, Mar 16	3:30–4:30 PM	B301, GWCC	STEM Literacy Strategies for Making Science Concepts Comprehensible

STEMy Stuff (Booth #650)

Friday, Mar 16	8:00–9:00 AM	B214, GWCC	Rock the NGSS with Electric Guitars!
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TCI (Booth #1343)

Friday, Mar 16	8:00–9:30 AM	B209, GWCC	Science and Engineering Practices in the NGSS
Friday, Mar 16	10:00–11:30 AM	B209, GWCC	Three-Dimensional Learning in the Elementary Classroom
Friday, Mar 16	12 Noon–1:30 PM	B209, GWCC	Integrating Crosscutting Concepts into Your Classroom
Friday, Mar 16	2:00–3:30 PM	B209, GWCC	Engineering Design in the NGSS
Friday, Mar 16	4:00–5:30 PM	B209, GWCC	Performance Assessments: Engaging and Fun!
Saturday, Mar 17	8:00–9:30 AM	B209, GWCC	Phenomena-Driven Units and Lessons for the Middle School Classroom
Saturday, Mar 17	10:00–11:30 AM	B209, GWCC	Beyond Building: Teaching Engineering Design
Saturday, Mar 17	12 Noon–1:30 PM	B209, GWCC	There's More than One Way to Assess for the Three Dimensions
Saturday, Mar 17	2:00–3:30 PM	B209, GWCC	Teaching Strategies for Cells and Genetics in Middle School Science Classes
Saturday, Mar 17	4:00–5:30 PM	B209, GWCC	Teaching Strategies for Matter in Middle School Science

Texas Instruments (Booth #223)

Thursday, Mar 15	8:00–9:30 AM	B213, GWCC	Using Maggots, Flies, and Flesh to Solve a Mystery!
Thursday, Mar 15	10:00–11:30 AM	B213, GWCC	Save a Nickle and Learn to Trickle!
Thursday, Mar 15	12 Noon–1:30 PM	B213, GWCC	Are You Moody?
Friday, Mar 16	2:00–3:30 PM	B213, GWCC	When Zombies Attack!
Friday, Mar 16	4:00–5:30 PM	B213, GWCC	Are You Moody?
Saturday, Mar 17	10:00–11:30 AM	B213, GWCC	Zombie Apocalypse!

UL XplorLabs (Booth #851)

Saturday, Mar 17	10:00–11:30 AM	B311, GWCC	Advancing STEM Education Through Safety Science and Engineering
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University of Delaware Food Science (Booth #1536)

Friday, Mar 16	2:00–3:30 PM	B217, GWCC	Sustainable and Safe Food and Water for Engaging STEM Students
Saturday, Mar 17	10:00–11:30 AM	B306, GWCC	Sustainable and Safe Food and Water for Engaging STEM Students

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Vaccine Education Center at Children’s Hospital of Philadelphia (Booth #343)

Thursday, Mar 15	10:00–11:30 AM	B407, GWCC	Of Mice and Men: Engaging HS Students in Biomedical Science
Friday, Mar 16	8:00–9:30 AM	B407, GWCC	Inspiring Individuals and Changing Conversations: Consider Hosting a Film Screening
Friday, Mar 16	10:00–11:30 AM	B407, GWCC	The Science of Vaccines: Your Questions Answered
Saturday, Mar 17	8:00–9:30 AM	B407, GWCC	Famous Relationships: Science Is Full of Them: Engaging MS Students

Van Andel Education (Booth #1529)

Thursday, Mar 15	10:00–11:30 AM	B215, GWCC	Stop Creating Lesson Plans: Start Creating Learning Experiences
Friday, Mar 16	2:00–3:30 PM	B215, GWCC	Stop Creating Lesson Plans: Start Creating Learning Experiences

Vernier Software & Technology (Booth #523)

Thursday, Mar 15	8:00–9:30 AM	B207, GWCC	Integrating Chromebook with Vernier Technology
Thursday, Mar 15	8:00–9:30 AM	B208, GWCC	Integrating iPad with Vernier Technology
Thursday, Mar 15	10:00–11:30 AM	B208, GWCC	Physics with Vernier Using Chromebook
Thursday, Mar 15	10:00–11:30 AM	B207, GWCC	Biology with Vernier
Thursday, Mar 15	12 Noon–1:30 PM	B207, GWCC	Chemistry with Vernier Using Chromebook
Thursday, Mar 15	12 Noon–1:30 PM	B208, GWCC	Elementary Science with Vernier
Thursday, Mar 15	2:00–3:30 PM	B208, GWCC	Middle School Science with Vernier Using Chromebook
Thursday, Mar 15	2:00–3:30 PM	B207, GWCC	Environmental Science with Vernier
Thursday, Mar 15	4:00–5:30 PM	B207, GWCC	Chemistry with Vernier
Thursday, Mar 15	4:00–5:30 PM	B208, GWCC	STEM/Engineering Activities Using Vernier Sensors with Arduino
Friday, Mar 16	8:00–9:30 AM	B208, GWCC	Advanced Physics with Vernier
Friday, Mar 16	8:00–9:30 AM	B207, GWCC	Water Quality with Vernier
Friday, Mar 16	10:00–11:30 AM	B207, GWCC	Chemistry with Vernier
Friday, Mar 16	10:00–11:30 AM	B208, GWCC	Explore Motion with Vernier Video Physics for iOS
Friday, Mar 16	12 Noon–1:30 PM	B207, GWCC	Biology with Vernier Using Chromebook
Friday, Mar 16	12 Noon–1:30 PM	B208, GWCC	Inquiry Physics Experiments from Vernier: No Lab Setup Required!
Friday, Mar 16	2:00–3:30 PM	B207, GWCC	AP Chemistry with Vernier
Friday, Mar 16	2:00–3:30 PM	B208, GWCC	Physics with Vernier
Friday, Mar 16	4:00–5:30 PM	B207, GWCC	Biology with Vernier
Friday, Mar 16	4:00–5:30 PM	B208, GWCC	Renewable Energy with KidWind and Vernier
Saturday, Mar 17	8:00–9:30 AM	B208, GWCC	Wind and Solar Energy Basics with Vernier
Saturday, Mar 17	8:00–9:30 AM	B207, GWCC	Biology with Vernier Using Chromebook
Saturday, Mar 17	10:00–11:30 AM	B207, GWCC	Integrating Chromebook with Vernier Technology
Saturday, Mar 17	10:00–11:30 AM	B208, GWCC	Physics with Vernier Using Chromebook
Saturday, Mar 17	12 Noon–1:30 PM	B208, GWCC	Middle School with Vernier
Saturday, Mar 17	12 Noon–1:30 PM	B207, GWCC	Chemistry with Vernier Using Chromebook
Saturday, Mar 17	2:00–3:30 PM	B208, GWCC	Introductory Engineering Design Projects with Vernier
Saturday, Mar 17	2:00–3:30 PM	B207, GWCC	Human Physiology with Vernier

Ward’s Science (Booth #1323)

Thursday, Mar 15	8:00–9:30 AM	B304, GWCC	Essential Materials for Easy NGSS Lessons
Thursday, Mar 15	10:00–11:30 AM	B304, GWCC	Be Phenomenal in Physical Science and NGSS
Thursday, Mar 15	12 Noon–1:30 PM	B304, GWCC	Georgia On My Brain: Hands-On Neuroscience Labs
Thursday, Mar 15	2:00–3:30 PM	B304, GWCC	Grants in 3D: Define, Design, and Deliver
Thursday, Mar 15	4:00–5:30 PM	B304, GWCC	Get on the Fast Track to Engineering
Friday, Mar 16	8:00–9:30 AM	B304, GWCC	Set the Scene for Science Discovery with Forensics
Friday, Mar 16	10:00–11:30 AM	B304, GWCC	NGSS Curriculum Made Easy with Discovery Education™ and Ward’s Science
Friday, Mar 16	12 Noon–1:30 PM	B304, GWCC	Comparative Anatomy of a Grant
Friday, Mar 16	2:00–3:30 PM	B304, GWCC	Lead a STEM Revolution at Your School with Science Olympiad
Friday, Mar 16	4:00–5:30 PM	B304, GWCC	Georgia On My Brain: Hands-On Neuroscience Labs

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Wavefunction, Inc. (Booth #133)

Thursday, Mar 15 10:00–11:30 AM B218, GWCC

Teaching Effectively with 3D Visualization at the Molecular Level

WhiteBox Learning, a Flinn Scientific company (Booth #1622)

Thursday, Mar 15 2:00–3:30 PM B203, GWCC

New Standards: Project-Based STEM Engineering by WhiteBox Learning

Saturday, Mar 17 10:00–11:30 AM B203, GWCC

New Standards: Project-Based STEM Engineering by WhiteBox Learning



—courtesy of Mike Weiss

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