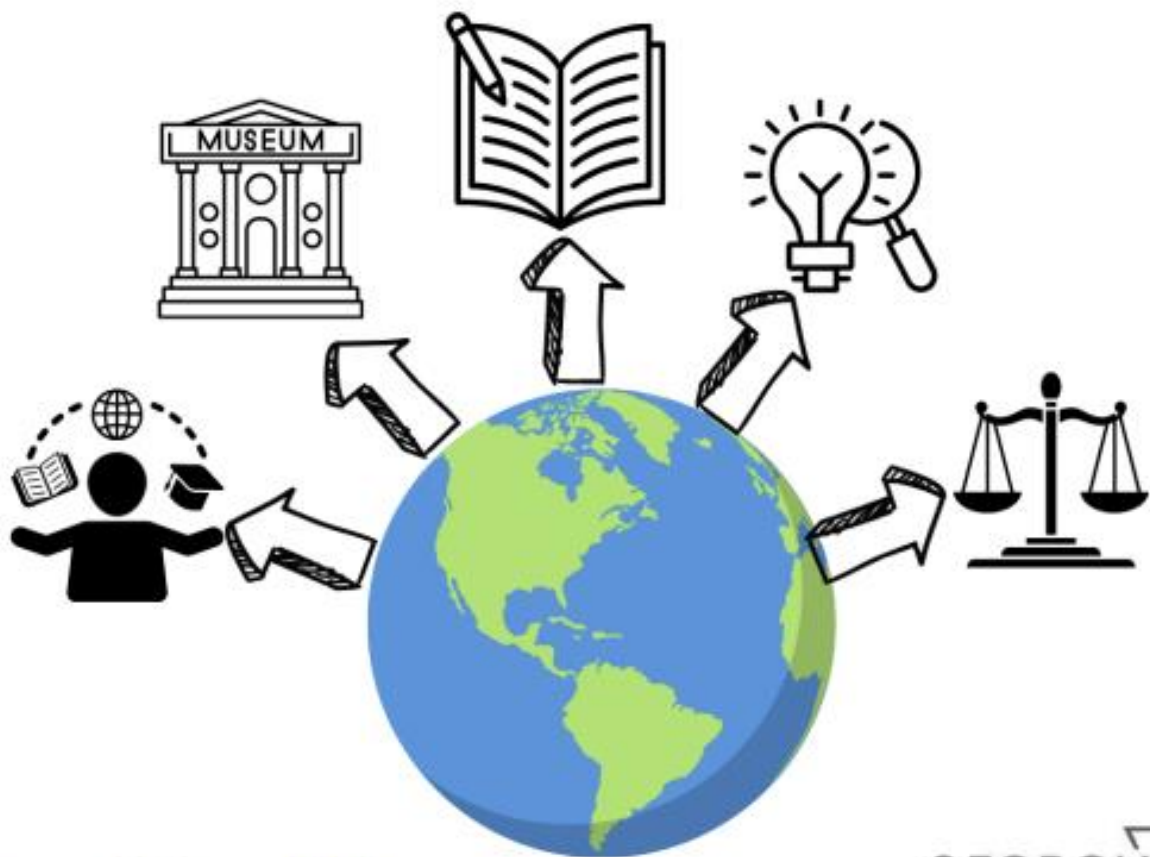


2024 GSTA CONFERENCE



February 22 and 23

Columbus Convention
& Trade Center

GEORGIA
SCIENCE
TEACHERS
ASSOCIATION

georgiascienceteacher.org

LINKING SCIENCE TO OUR WORLD

**2024 Georgia Science Teachers Association
Conference Schedule-at-a-Glance for Columbus, GA**



Wednesday, February 21, 2024

6:00 P.M. - 8:00 P.M. Registration

Thursday, February 22, 2024

8:00 A.M. – 5:00 P.M. Registration and South Exhibit Hall Open

8:50 A.M. – 9:00 A.M. **GSTA 2024 Columbus Conference Opening Welcome in North Hall:** Skip Henderson- Mayor of Columbus, GA.

9:00 A.M. – 9:50 A.M. **Featured Speaker in North Hall:** Dr. Stephen Pruitt, President of the Southern Regional Education Board and Advocate for Students and Public Education

9:00 A.M. – 11:50 P.M. Concurrent Sessions

10:00 A.M. – 12:00 P.M. Nature's Classroom: Birding in the Wetlands of Oxbow Meadows Field trip (*ticket required- cost is \$10*).

12:00 P.M. -1:00 P.M. **Lunch Break-** Take this opportunity to meet and socialize with educators and leaders from across the state to gain knowledge and to just rejuvenate yourself for the rest of the school year! There will be food available on the premises that accept cash or credit. In addition, there are several restaurants within walking distance of the conference.

1:00 P.M. – 4:50 P.M. Concurrent Sessions Resume.

3:00 P.M. – 5:00 P.M. National Infantry Museum and Soldier Center Field trip (ticket required- cost is \$5)

4:00 P.M.- 4:50 P.M. A Special Live from the Conference: Teacher Panel on Real Literacy in Real Middle and High School Classrooms will take place in Sycamore C.

4:00 P.M. - 5:00 P.M. South Exhibit hall is still open. 😊

5:30 P.M. - 7:30 P.M. **GSTA District Meet and Greet and Social- Come attend this fun event at the nearby Coca-Cola Space Center** (701 Front Ave.). You will meet your GSTA district Representatives and there will be appetizers available free of charge. A cash bar will be open to purchase various beverages. Ron Anglin (the infamous Science Juggler) will provide an amazing performance and a free planetarium show will be available as well. **There may even be some door prizes given away throughout the event! This is an exciting, fun event you won't want to miss!**

****All events that require a ticket can be purchased ahead of time at <https://www.georgiascienceteacher.org/event-5581856> or on the GSTA site. They may also be purchased at the GSTA Store in the Exhibit Hall during the conference. However, there are limited spaces for all ticketed field trips and events, so please try to order your tickets in advance!**

2024 Georgia Science Teachers Association
Conference Schedule-at-a-Glance for Columbus, GA

Friday, February 23, 2024



- 8:00 A.M. – 12:00 P.M. Registration
- 8:00 A.M. - 4:00 P.M. South Exhibit Hall Open
- 9:00 A.M. – 3:50 P.M. Concurrent Sessions
- 9:00 A.M. – 11:00 A.M. Coca-Cola Space and Science Center Field trip. This *ticketed required* event will cost \$8.00 and will give teachers the opportunity to build and launch air rockets.
- 11:30 A.M. – 12:30 P.M. **GSTA Awards Luncheon in the Dining Gallery**
(*ticket required- cost is \$40*).
- 1:00 P.M. - 1:50 A.M. **Featured Speaker in North Hall:** Richard Woods, Georgia State School Superintendent, will update everyone on the various Georgia Education programs and events occurring this year.
- GSTA Annual Business Meeting-** Following Mr. Richard Woods, all conference attendees are invited to meet the officers/board members of GSTA and to gain more information about this great organization.
- 1:00 P.M. – 3:00 P.M. Reptilian Wonders Integrating Herpetology into the Curriculum Oxbow Meadows Field trip (*ticket required- cost is \$10*)
- 4:00 P.M. - 4:30 P.M. **Exhibit hall Drawings-** Come attend this annual event that proves to be a favorite among conference attendees! Good luck with winning great prizes that have been supplied by our amazing Sponsors and Exhibitors.
- 4:30 P.M. **Drive or fly home safely.** We hope you had an educational and enjoyable conference experience. We look forward to seeing you again at the 2025 GSTA Annual Conference.

**All events that require a ticket can be purchased ahead of time at <https://www.georgiascienceteacher.org/event-5581856> or on the GSTA site. They may also be purchased at the GSTA Store in the Exhibit Hall during the conference. However, there are limited spaces for all ticketed field trips and events, so please try to order your tickets in advance!

GSTA Board of Directors 2023-2024

Executive Director	Dr. Nicole Page
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District 9 Director	Donita Legoas
District 10 Director	Teresa Massey
District 11 Director	Dr. Patti Howell
District 12 Director	Kathryn Mullen

GSTA Presidents

Name	Term	Conference Location	Name	Term	Conference Location
Melissa Niemi	2023-2024	Columbus			
Nicole Page	2022-2023	Atlanta: NSTA National	Margaret Eidson	1989-1990	Atlanta: NSTA National
Justin Harvey	2021-2022	Peachtree City	Linda Mitchell	1988-1989	Savannah
Donna Barrett	2020-2021	Virtual	Daisy Waldrep	1987-1988	Savannah
Judy Ward	2019-2020	Columbus	John Finley	1986-1987	Peachtree City
Sarah Eales	2018-2019	Columbus	Kathy O'Neil	1985-1986	Peachtree City
Donald White	2017-2018	Atlanta: NSTA National	Don Berkowitz	1984-1985	Rock Eagle
Brian Butler	2016-2017	Stone Mountain	Judy Dennison	1983-1984	Rock Eagle
Jeremy Peacock	2015-2016	Stone Mountain	Carol Rutland	1982-1983	Rock Eagle
Donna Governor	2014-2015	Macon	Jaunita Chitwood	1981-1982	Callaway Gardens
Zoe Evans	2013-2014	Macon	Jaunita Chitwood	1980-1981	Callaway Gardens
Sally Creel	2012-2013	Atlanta: NSTA Regional	Betty Higgins	1979-1980	Woodward Academy
Kelly Price	2011-2012	Atlanta	Kathryn Garrard	1978-1979	NSTA Regional
Chris Kennedy	2010-2011	Atlanta	William Barrow	1977-1978	Athens History Village
Ann Collins	2009-2010	Savannah	James Coleman	1976-1977	Locust Grove
Wendy Joiner	2008-2009	Savannah	Odell Owens, Jr.	1975-1976	NSTA Regional
Gail Sinkule	2007-2008	Athens	Connie McNeil	1974-1975	Macon
Marion Reeves	2006-2007	Athens	Wayne Edwards	1973-1974	Savannah
Steve Rich	2005-2006	Columbus	Willis Brown, Jr.	1972-1973	---
Gail Marshall	2004-2005	Columbus	Lonnie Love	1971-1972	---
Venetia Butler	2003-2004	Atlanta: NSTA National	Richard Johnson	1970-1971	---
Karol Stephens	2002-2003	Jekyll Island	Lucy Smith	1969-1970	---
Judy Godfrey	2001-2002	Jekyll Island	Helen Carter	1968-1969	---
Ellen Roach	2000-2001	Macon	Tully Pennington	1967-1968	---
Mary Atwater	1999-2000	Macon	Montine Wilson	1966-1967	---
Mark Stallings	1998-1999	Atlanta	Charles Coleman	1965-1966	---
Sharon Boyer	1997-1998	Atlanta	H.V. Bullock	1964-1965	---
Bob Moore	1996-1997	Augusta	Al Woodard	1963-1964	---
Joe Moore	1995-1996	Augusta	Bill Leach	1962-1963	---
Francis Gardner	1994-1995	Savannah	Dallas Stewart	1961-1962	---
Mary Wilde	1993-1994	Savannah	Cora Middleton	1960-1961	---
Ellen Averill	1992-1993	Atlanta Airport	Betty Cheek	1959-1960	---
Linda Bostick	1991-1992	Atlanta Airport	Liley Calhoun	1958-1959	---
Melody Hall	1990-1991	Columbus	Liley Calhoun	1958-1959	---

Georgia Presidential Awardees for Excellence in Science Education



The Presidential Award for Excellence in Science Teaching is the Nation’s highest honor for teachers of science and mathematics. It is awarded annually by the White House and administered by the National Science Foundation. One Georgian is honored annually in Washington, DC during a weeklong celebration featuring visits to the White House and a State Dinner. More information is available at www.paemst.org. In Georgia, the award is administered through the Georgia Department of Education.

Year	Awardee (Grade Level)	
2020	Duane Doblal, Lilburn (K-6)	
2019	Megan Heberle, Chatham (6-12)	
2018	Ashley Greenway, Rome (K-6)	
2017	Martha Milam, Newnan (7-12)	
2016	Carrie Beth Rykowski, Cumming (K-6)	
2015	Marc Pedersen, Dallas (7-12)	
2014	Steven King, Athens (K-6)	
2012	Christy Garvin, Powder Springs (K-6)	
2011	Kelly Stewart, Fulton County (7-12)	
2010	Amanda McGehee, DeKalb (K-6)	
2009	Rachael Parr, Jefferson (7-12)	
2008	Halley Page, Athens (K-6)	
2007	Donna Governor, Forsyth County (7-12)	
2006	Pamela Krohne-Googe, Dallas (K-6)	
2005	Zoe Evans, Carrollton (7-12)	
2004	Vicki Jacobs, Morrow (K-6)	
2003	Janice Hudson, Columbus (7-12)	
2002	Terrie Kielborn, Carrollton (K-6)	Wynn Mott, Woody Gap (7-12)
2001	Clelia Scott, Brunswick (K-6)	Steve Rich, Douglasville (7-12)
2000	Jane Moore, Gwinnett (K-6)	Tina Cross, Columbus (7-12)
1999	Amanda Buice, Barnesville (K-6)	Amy Denty, Jesup (7-12)
1998	Marlee Tierce, Conyers (K-6)	Sandra Eidson, Oakwood (7-12)
1997	Rhonda Toon, Barnesville (K-6)	Marsha Hood, College Park (7-12)
1996	Sylvia Dee Shore, Columbus (K-6)	Roger Wesley McCoy, Kennessaw (7-12)
1995	Rita VanFleit, Lithonia (K-6)	Barbara Cornelius, Winder (7-12)
1994	Teresa Jordan Gruendl, Savannah (K-6)	Phyllis Rump, Woodstock (7-12)
1993	Betty Ann Ingram Smith, Newnan (K-6)	Thomas E. Hall, Moultrie (7-12)
1992	Barbara G. Piper, Austell (K-6)	Lynda H. Peterson, Marietta (7-12)
1991	Cathy Rich Robinson, Savannah (K-6)	Trissa Luftig, Norcross (7-12)
1990	Carol Burbilis, Winder (K-6)	Sandra J. Rhoades, Kennessaw (7-12)
1989	Michael Edmondson, Columbus (7-12)	
1988	Jeffrey D. Cramer, Atlanta (7-12)	
1987	Daniela M. Taylor, Norcross (7-12)	
1986	Beverly S. Lang, Newnan (7-12)	



Awards & Grants

TEACHER OF THE YEAR



Crystal McDowell
High School Teacher
Columbia County Schools

TEACHER OF PROMISE



Chloe Westhafer
6th Grade Teacher
Jackson County School System

Student Scholarship



Kai Davis
Cobb County School District

Conference Grant



Melanie King
Burke County

Project Grant



Brian Heglund
Cobb County School District

Thank You
Teacher of Promise &
Conference Grant Sponsor

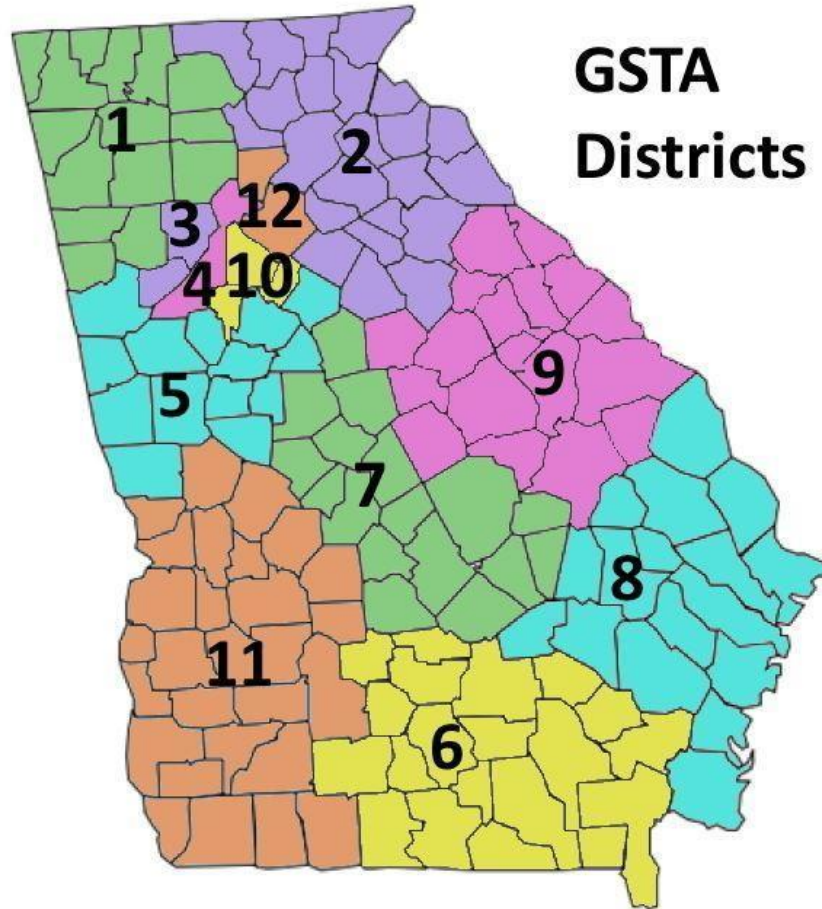


District Mini grant



Justin Harvey
Gwinnett County Public Schools

Note: Your GSTA District is determined by your county of employment, with the exception that all Atlanta Public Schools are in District 4.



- District 1:** Bartow, Bremen City, Calhoun City, Cartersville City, Catoosa, Chattooga, Cherokee, Chickamauga City, Dade, Dalton City, Floyd, Gilmer, Gordon, Haralson, Murray, Paulding, Pickens, Polk, Rome City, Trion City, Walker, Whitfield
- District 2:** Banks, Barrow, Dawson, Clarke, Elbert, Fannin, Franklin, Greene, Habersham, Hall, Hart, Jackson, Lumpkin, Madison, Morgan, Oconee, Oglethorpe, Rabun, Stephens, Towns, Union, Walton, White
- District 3:** Cobb, Douglas, Marietta City
- District 4:** Fulton, Atlanta Public Schools
- District 5:** Butts, Carroll, Carrollton City, Coweta, Fayette, Harris, Heard, Henry, Lamar, Meriwether, Newton, Pike, Spalding, Thomaston-Upson, Troup
- District 6:** Atkinson, Bacon, Ben Hill, Berrien, Brantley, Brooks, Clinch, Charleston, Coffee, Colquitt, Cook, Echols, Irwin, Lanier, Lowndes, Pierce, Tift, Turner, Ware
- District 7:** Bibb, Bleckley, Crawford, Dodge, Dublin City, Houston, Jasper, Jones, Laurens, Monroe, Montgomery, Peach, Pulaski, Telfair, Treutlen, Twiggs, Wheeler, Wilcox
- District 8:** Appling, Bulloch, Bryan, Camden, Candler, Chatham, Effingham, Evans, Glynn, Jeff Davis, Liberty, Long, McIntosh, Screven, Tatnall, Toombs, Vidalia City, Wayne
- District 9:** Baldwin, Burke, Columbia, Emanuel, Glascock, Hancock, Jefferson, Jenkins, Johnson, Lincoln, McDuffie, Putnam, Richmond, Taliaferro, Warren, Washington, Wilkinson
- District 10:** Clayton, Decatur City, DeKalb, Rockdale
- District 11:** Baker, Calhoun, Chattahoochee, Clay, Crisp, Decatur, Dooly, Dougherty, Early, Grady, Lee, Macon, Marion, Miller, Mitchell, Muscogee, Pelham City, Quitman, Randolph, Schley, Seminole, Stewart, Sumter, Talbot, Taylor, Terrell, Thomas, Thomasville City, Webster, Worth
- District 12:** Buford City, Gwinnett, Forsyth

2024 Conference Strands

We are *Linking Science to Our World* by putting together a conference program featuring sessions focused on the following strands:

- **Students' Science Journey Linked to 3D Learning:** A sound science conceptual framework is coherent throughout students' learning journey. Sessions in this strand will focus on the Three-Dimensional Learning Framework that encompasses solid science practices such as using phenomena to drive student inquiry, discourse and argumentation while connecting and engaging students with science in the real world, empowering students, and improving their lives by building their critical reasoning skills.
- **Linking Science and Informal Settings:** Experience in informal settings can play an important role in improving students' learning by promoting science engagement for preK-12 students and beyond. Sessions in this strand will focus on how informal science learning can spark student interest, provide opportunities to broaden and deepen understanding, reinforce concepts and practices taught during the school day and ignite curiosity and an appreciation of science in the classroom and daily.
- **Understanding the Link Between Science and Advocacy and Cultural and Social Issues in Science:** According to the National Research Council (NRC), equity in science education requires that all students are provided with equitable opportunities to learn science and become engaged in science and engineering practices; with access to quality space, equipment, and teachers to support and motivate that learning and engagement; and adequate time spent on science. Sessions in this strand will focus on connecting students' interests and experiences in science, which is particularly important for broadening participation in science.
- **Linking Research and Best Practices:** Bridging the gap between research and best practices that will promote meaningful science learning results in evidence-informed education. Sessions in this strand will focus on incorporating research-based practices into science and STEM/STEAM classrooms focusing on technology, curriculum, instructional, or assessment approaches within the context of the Georgia standards.
- **The Link Between Science and Literacy:** Literacy in science is not the same as scientific literacy, but they are interconnected. Scientific literacy is understanding scientific concepts, phenomena, and processes. Literacy in Science is the literate practices and strategies (reading, writing, speaking and listening) that enable students to understand, synthesize, and communicate science content knowledge. Sessions in this strand will focus on improving students' science literacy by engaging literate practices to develop understanding of scientific concepts.

NOTE: While sessions included in these strands will be highlighted for this year's conference, workshops, presentations and activity-rich sessions across all areas of science education will be included.

Field Trip Opportunities

Field trips to unique location destinations can fulfill your scientific curiosity, help you learn about career opportunities for your students, and expose you to authentic phenomena that connect your students' learning to the real world. Register early to be sure you don't miss out! Each field trip has a separate registration. You may register and pay for each field trip at the GSTA Store in the Exhibit Hall or [here](#). All trips will meet at the bottom of the stairs outside the exhibit hall 30 minutes prior to the field trip start time.

Thursday, February 22, 2024

Nature's Classroom: Birding in the Wetlands of Oxbow Meadows

Join Oxbow Meadows and the Columbus Audubon Society as we hike a portion of the Walt and Frank Chambers Birding Trail. During this session, participants will learn the basics of birding and will be provided with binoculars and field guides to borrow during the program. Participants will also learn activities they can infuse in their classroom that connect with standards.

Time: 10:00-12:00

Cost: \$10



National Infantry Museum and Soldier Center

The National Infantry Museum and Soldier Center opened in 2009 with one guiding mission: to honor the legacy and valor of the U.S. Army Infantryman. Telling the story of our nation's past with the latest in technological innovation. In addition to more than 70,000 artifacts, the museum campus is also home to World War II Company Street, Vietnam Memorial Plaza – featuring the Dignity Memorial Vietnam Wall – and the Global War on Terrorism Memorial.

Time: 3:00-5:00

Cost: \$5.00

Coca-Cola Space and Science Center

Come explore the cosmos at Columbus State University's Coca-Cola Space Science Center, where you can discover Georgia's largest collection of NASA Space Shuttle artifacts. You will experience a virtual trip to the International Space Station and test your skills on flight simulators. Teachers will also get the opportunity to build and launch air rockets.

Time: 9:00-11:00

Cost: \$8.00



Reptilian Wonders: Integrating Herpetology into the Curriculum at Oxbow Meadows

Unleash the potential of your classroom by immersing yourself in our professional development workshop, "Reptilian Wonders: Integrating Herpetology into the Curriculum." This workshop is designed for educators seeking innovative ways to captivate students' interest and enhance their learning experiences through the fascinating world of reptiles.

Time: 1:00-3:00

Cost: \$10

Please Note:

- All field trips must have a minimum of 10 participants or will be canceled - in this case a full refund will be issued.
- No refunds can be given unless GSTA cancels the trip.
- Participants will either walk or drive their own cars. However, carpooling is encouraged.

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YOU ARE INVITED TO

PLANETARIUM SHOW

MEET FRIENDS!

FREE APPETIZERS

JOIN THE FUN!

the District Meet & Greet Social

Thursday, February 22 from 5:30-7:30 P.M.
Coca-Cola Space Center
701 Front Ave
(only a 3 min walk from the Conference Center)
**Cash Bar Available for Beverages



Featured Speakers



Dr. Stephen Pruitt, *President of the Southern Education Board (SREB)*

Featured Speaker, Thursday, February 22 from 9:00-9:50 A.M. in the North Hall.

Dr. Stephen Pruitt previously served as the Kentucky Commissioner of Education. He serves on the Board of Directors for the Council for Chief State School Officers. Dr. Pruitt has been a high school chemistry teacher; mathematics program manager and director of academic standards at the Georgia Department of Education; and the senior vice president for Achieve where he coordinated the development of the Next Generation of Science Standards. He received his doctorate in chemistry education from Auburn University.



Richard Woods, *Georgia State School Superintendent*

Georgia Education Updates

Featured Speaker, Friday, February 23 @ 1:00 P.M. in the North Hall

Richard Woods was born in Pensacola, Florida and while growing up in a military family, lived in California, Hawaii and Virginia before moving to Georgia. He graduated from Fitzgerald High School, and went on to receive a Bachelor's Degree from Kennesaw State University and a Master's Degree from

Valdosta State University. Woods has over 22 years of pre-k through 12th grade experience in public education. Woods was a high school teacher for 14 years, serving as department chair and teacher mentor. During his tenure, he was also selected as Teacher of the Year. For eight years Woods served in various administrative roles such as assistant principal, principal, curriculum director, testing coordinator, pre-k director, and alternative school director.

Woods also brings a business background to the superintendent's position, having been a purchasing agent for a national/multi-national laser company and a former small business owner.

He and his wife Lisha, a retired 30-year educator, are long-time residents of Tifton and have been married for over 25 years.

Growing Green Minds: Exploring Plant Growth Through STEAM

Presenter (s): Eric Mack, Summer Blackmon, Katherine Boice, Sabrina Grossman

Location: 208 9:00-9:50

Brief Description: Join us to learn more about a STEAM teacher professional learning program, showcasing a STEAM PBL unit on plant growth implemented with 2nd-grade students.

Conference Strand: Linking Research and Best Practices

Audience: Lower Elementary (K-2),Upper Elementary (3-5),Pre-service/Early Career Teachers,Supervisor/Leadership

Session #: 113

From Best Practices to Best Performance: Closing the Gap between Expectation and Experience

Presenter (s): Amber Richards

Location: 205 9:00-9:50

Brief Description: Linking How the Brain Learns with How the Teacher Teaches - focus will be on unpacking research based practices and pairing them with strategy.

Conference Strand: Linking Research and Best Practices

Audience: Lower Elementary (K-2),Upper Elementary (3-5),Middle (6-8),All Grades (K-12),Pre-service/Early Career Teachers

Exhibitor/Sponsor: ISTF

Session #: 124

Getting Wet, Wild, and in a Tree for Education

Presenter (s): Melissa Rowe, Chris Tallent

Location: 207 9:00-9:50

Brief Description: Have you heard of the Georgia Projects? Let us introduce you! Join us for interactive activities to explore the “how” and “why” of these programs.

Conference Strand: Linking Research and Best Practices

Audience: All Grades (K-12)

Session #: 147

****Don't forget to visit the GSTA Store in the Exhibit Hall for great conference souvenirs!**



Genes Unraveled: Modeling Inheritance Mysteries

Presenter (s): Ruth Hutson

Location: 210 9:00-9:50

Brief Description: Explore genetic wonders with your students and discover the intricacies of Mendelian and non-Mendelian inheritance through dynamic modeling and Punnett Square construction.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Life Science

Exhibitor/Sponsor: 3D Molecular Designs

Session #: 16



Empathetic Innovation: Navigating Design Thinking and UX for Creative Solutions in and Beyond the Classroom

Presenter (s): Marwa Crisp and Lotesia Hammonds

Location: 209 9:00-9:50

Brief Description: Introduction to Design Thinking and UX Design, emphasizing empathy for real-world problem-solving. Examples include addressing disabilities and homelessness through innovative applications of science. Resources for educators included.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: General

Session #: 53

Using Crosscutting Concepts to Create Links Across Content Areas

Presenter (s): Sandi Reyes

Location: 211 9:00-9:50

Brief Description: Deepen your understanding of the 7 Cross-cutting Concepts and how to embed them in lessons across content areas to create cross-curricular connections and knowledge transfer.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: General

Exhibitor/Sponsor: Learning A-Z

Session #: 9



Read Your Way To Better Science Scores

Presenter (s): **Karen Gorzynski**

Location: 201 9:00-9:50

Brief Description: Two simple, student-centered reading activities can dramatically improve science achievement

Conference Strand: The Link Between Science and Literacy

Audience: Upper Elementary (3-5),Middle (6-8)

Session #: 149

Engaging Students Through Literacy and Real Life Connections

Presenter (s): **Misty Eastlake**

Location: 203 9:00-9:50

Brief Description: Are you struggling with connecting your science standards to Literacy and real life connections? Join us to explore the many ways to engage!

Conference Strand: The Link Between Science and Literacy

Audience: Lower Elementary (K-2),Upper Elementary (3-5),Middle (6-8),High (9-12),All Grades (K-12),Advanced High (AP/IB)

Session #: 151

Strengthening the link between formal and informal science learning environments.

Presenter (s): **Wendy Hayes**

Location: Sycamore A 9:00-9:50

Brief Description: Join Tellus Science Museum as we discuss how we create educational programs to promote the National and State science standards to enhance student field trips.

Conference Strand: Linking Science and Informal Settings

Audience: All Grades (K-12)

Exhibitor/Sponsor: Tellus Science Museum

Session #: 26



We are asking presenters to please submit any shared materials using this link:

https://bit.ly/GSTA24_Presenters

Attendees may access shared session materials using this link: https://bit.ly/GSTA24_Materials



My Georgia Coast: Connecting science teachers with informal educators to deepen understanding about issues facing the Georgia coast

Presenter (s): **Austin Heil, Amanda Townley, Anne Lindsay**

Location: Sycamore B 9:00-9:50

Brief Description: The My Georgia Coast program connected science teachers and informal settings to deepen coastal resilience understanding and reinforce concepts to take back to their students.

Conference Strand: Linking Science and Informal Settings

Audience: All Grades (K-12),Pre-service/Early Career Teachers

Session #: 27

Engaging Students in Authentic Science Experiences Using Digital Tools

Presenter (s): **Erica Kovacevic (Discovery Education), Melissa Niemi (Muscogee County School District)**

Location: 204 9:00-9:50

Brief Description: Join us to learn about a variety of digital resources and instructional strategies to engage all students in authentic science experiences.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: All Grades (K-12)

Exhibitor/Sponsor: Discovery Education

Session #: 126



Engaging students in the phenomenon of planetary exploration through 3D learning

Presenter (s): **Joseph Kirstein**

Location: Sycamore C 9:00-9:50

Brief Description: Our session will explore the key components of the Three-Dimensional Learning Framework and how it can be applied to empower students and improve their lives through the development of critical reasoning skills, scientific inquiry and the engineering

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Middle (6-8)

Session #: 150

Teaching Strategies that Encourage Student Engagement and Efficacy in the Virtual Classroom

Presenter (s): **Bethany Lambert**

Location: 206 9:00-9:50

Brief Description: This session will explore strategies that have been utilized in an online setting to ensure authentic work and connect students to learners worldwide.

Conference Strand: Linking Research and Best Practices

Audience: High (9-12),Advanced High (AP/IB)

Session #: 185

Phenomena to Assessment

Presenter (s): **Donna Barrett**

Location: Sycamore D 9:00-10:50 **Double Session**

Brief Description: Shark sightings will be used to engage participants in a 3-D task about the flow of energy and lead to a resource that can be used to development of culminating assessments.

Conference Strand: Linking Research and Best Practices

Audience: All Grades (K-12),Supervisor/Leadership

Session #: 67

Enzyme Explorations: Real-world Connections with Wet Labs

Presenter (s): **Ruth Hutson**

Location: 210 10:00-10:50

Brief Description: Dive into enzyme actions and specificity with a substrate. Help your students connect theory with the results from the catalase lab.

Conference Strand: Explaining the Link Between Phenomena and Science

Audience: Life Science

Exhibitor/Sponsor: 3D Molecular Designs

Session #: 24

Using HHMI Biointeractive Resources to Engage Students in Phenomena Based Evolution Investigation

Presenter (s): **Dionne Reid**

Location: 206 10:00-10:50

Brief Description: Using the HHMI Biointeractive Tusked and Tuskless Elephants Phenomena and the VIDA tool, participants will identify selective pressures and their role in evolution in populations.

Conference Strand: Explaining the Link Between Phenomena and Science

Audience: Life Science

Session #: 52

Spice Up your Classroom Using a Tower Garden

Presenter (s): **Heather Hamrick and Nichole Dudley**

Location: 209 10:00-10:50

Brief Description: "Lettuce" show you how to spark real world learning in your classroom by using a Tower Garden to grow and teach about plants!

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Life Science

Session #: 152

AI-Enhanced Learning in High School Science

Presenter (s): **Donald White**

Location: 208 10:00-10:50

Brief Description: Explore AI's transformative role in high school science, focusing on personalized learning, intelligent tutoring, and enhanced teaching in the physical sciences.

Conference Strand: Explaining the Link Between Phenomena and Science

Audience: High (9-12),Advanced High (AP/IB),College,Supervisor/Leadership

Session #: 14

****Please use @GSTANews to tag GSTA and use #GSTA2024 to share great pictures and experiences from GSTA 2024!**



Innovate, Inspire, Interact: Linking Science Education and Community Climate Action

Presenter (s): **Oliva Haas, Jenny Guadalupe**

Location: Sycamore A 10:00-10:50

Brief Description: This proposal focuses on engaging participants in the interdisciplinary teaching of science by incorporating critical community feedback and experiences to highlight and educate about sustainability and the environment

Conference Strand: Linking Science and Informal Settings

Audience: Earth and Space Science

Session #: 57

GASHA GO! World: Georgia Standards of Excellence-Aligned K-2 Computer Science Games

Presenter (s): **Christina Rand, Caroline Mrizek**

Location: Sycamore B 10:00-10:50

Brief Description: Welcome to GASHA GO World! Learn about fun games, songs, and animated videos that will teach K-2 students foundational computer science and problem-solving skills.

Conference Strand: Linking Science and Informal Settings

Audience: STEM/STEAM

Exhibitor/Sponsor: Georgia Public Broadcasting

Session #: 101

The Effect of Collaborative Practices among Science Teachers on Student Achievement in Rural School Districts

Presenter (s): **Latasha Lampkin, Kayla Timberlake and Kristie Birdsong**

Location: 205 10:00-10:50

Brief Description: The presenter will discuss the effect that collaborative practices have had on student achievement in rural schools where teachers had rarely been provided the opportunity to collaborate.

Conference Strand: Linking Research and Best Practices

Audience: All Audiences

Session #: 167

****Do you need a conference T-Shirt?
The GSTA Store in the Exhibit hall can help you out!**



Real-World Wonders: Nurturing Literacy through Engaging Case Studies in the Classroom"

Presenter (s): **Malissa Jones**

Location: 204 10:00-10:50

Brief Description: This session invites educators to explore the power of incorporating real-world case studies into their classrooms. Immerse your students in captivating case studies and bridge the gap between science and literacy.

Conference Strand: The Link Between Science and Literacy

Audience: Middle (6-8),High (9-12),Pre-service/Early Career Teachers,Advanced High (AP/IB)

Session #: 38

From Pages to Projects: Integrating STEM & Literacy

Presenter (s): **Dr. Robert Young, Cathy Fontenot**

Location: 201 10:00-10:50

Brief Description: Join us to pull a science concept from a children's fiction book and learn how to create a STEM activities related to the book.

Conference Strand: The Link Between Science and Literacy

Audience: Upper Elementary (3-5)

Exhibitor/Sponsor: Georgia Youth Science & Technology Center, Inc.

Session #: 172



Using Performance Tasks to Make a Positive Shift in Elementary 3D Science Teaching and Learning

Presenter (s): **Christy Hernandez**

Location: Sycamore C 10:00-10:50

Brief Description: Hear about how RCPS implemented performance tasks that have supported a positive shift in 3D science teaching and learning at the elementary level.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Lower Elementary (K-2),Upper Elementary (3-5),Supervisor/Leadership

Session #: 171

Tech Tips for the Tired Science Teacher

Presenter (s): **Amber Spivey**

Location: 207 10:00-10:50

Brief Description: Time is valuable so save a little by discovering my essential tech tips I use daily that will enhance any science classroom.

Conference Strand: Linking Research and Best Practices

Audience: Lower Elementary (K-2),Upper Elementary (3-5),Middle (6-8),High (9-12),All Grades (K-12),Pre-service/Early Career Teachers,Advanced High (AP/IB),College,Supervisor/Leadership,All Audiences

Session #: 97

Interactive Adventures in STEAM: Leveraging GPB's Live Explorations for K-5 Informal Learning

Presenter (s): **Tracey Wiley**

Location: 211 10:00-10:50

Brief Description: Invite informal learning, unleash curiosity, inspire critical thinking, and deepen STEAM understanding for your elementary students with GPB's engaging free Live Explorations across Georgia.

Conference Strand: Linking Science and Informal Settings

Audience: Elementary (K-5)

Exhibitor/Sponsor: Georgia Public Broadcasting

Session #: 333



Integrate to Alleviate: Contextualizing Comprehension in Elementary

Presenter (s): **Stephanie Westhafer**

Location: 201 11:00-11:50

Brief Description: Elevate science and literacy in your elementary classroom through practical integration strategies that deepen comprehension while engaging students in authentic science learning experiences.

Conference Strand: The Link Between Science and Literacy

Audience: General

Session #: 180

Fusing Literature in STEM: The Remix

Presenter (s): **Will Dodd, LaTrina Howell, Erin Youmans**

Location: 202 11:00-11:50

Brief Description: Using common picture books, participants will actively participate in integrating STEM in literacy using engineering design practices while building problem-solving skills.

Conference Strand: The Link Between Science and Literacy

Audience: STEM/STEAM

Exhibitor/Sponsor: GYSTC

Session #: 93

Science + Literacy = Sensemaking

Presenter (s): **Amanda Buice**

Location: 203 11:00-11:50

Brief Description: Instruction should allow students to leverage their full communicative resources during sensemaking.

Conference Strand: The Link Between Science and Literacy

Audience: General

Exhibitor/Sponsor: Georgia Youth Science & Technology Centers

Session #: 72

Teaching Science IS Teaching Reading!

Presenter (s): **Sandi Reyes**

Location: 204 11:00-11:50

Brief Description: Discover the reciprocal relationship between science and literacy instruction. Learn low-prep easily implementable activities to make the most of every instructional minute and build reading comprehension through knowledge and academic vocabulary.

Conference Strand: The Link Between Science and Literacy

Audience: General

Exhibitor/Sponsor: Learning A-Z

Session #: 5

We are asking presenters to please submit any shared materials using this link:

https://bit.ly/GSTA24_Presenters

Attendees may access shared session materials using this link: https://bit.ly/GSTA24_Materials



I Just Received My Science Department Budget and ...

Presenter (s): **Karol Stephens**

Location: 210 11:00-11:50

Brief Description: Make a difference stretching your dollars. Learn resources and approaches that make your science classes so engaging that your budget may be increased!

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: General

Exhibitor/Sponsor: Ward's Science/Sargent Welch

Session #: 134



Producing BRIGHT Minds: Shark Tank Style

Presenter (s): **Laura Lambert, Taylor Moody**

Location: 205 11:00-11:50

Brief Description: Enhance your instruction with engaging lessons like Shark Tank! Through the NCCA STEM Institute's BRIGHT Process, you can bridge the gap with literacy through real-world STEM relevancy.

Conference Strand: Linking Research and Best Practices

Audience: High (9-12),Advanced High (AP/IB)

Session #: 133

Innovative Teaching Practices to Engage Middle School Science Students

Presenter (s): **Chris Pritchett, Mike Crosby**

Location: 206 11:00-11:50

Brief Description: Hands On/ Inquiry Based Science Activities Teachers Can Use to Engage their students. Multiple stations and Experiments conducted!

Conference Strand: Linking Research and Best Practices

Audience: Lower Elementary (K-2),Upper Elementary (3-5),Middle (6-8)

Session #: 59

****Interested in purchasing some fun conference swag? The GSTA Store in the Exhibit hall can help you out!**



Forensic Science: Arson, Fingerprints and The Final Crime Scene

Presenter: *Dr. Candice Veal*

Location: 207 11:00-11:50

Brief Description: Session allows participants to see how students are introduced to different components in Forensic Science to relate to real world situations.

Understanding the job of a Forensic Scientist.

Conference Strand: Linking Research and Best Practices

Audience: High (9-12)

Session #: 187

University of Georgia New Degree Offerings MED and EdD in Science Education

Presenter (s): **Georgia Hodges and Kayla Flanagan**

Location: 208 11:00-11:50

Brief Description: New Degree Options

Conference Strand: Linking Research and Best Practices

Audience: All Grades (K-12),Pre-service/Early Career Teachers,Advanced High (AP/IB),Supervisor/Leadership

Exhibitor/Sponsor: University of Georgia

Session #: 28



Unleashing the Power of Game-Based Learning: Use Legends of Learning for Enhanced Student Engagement and Achievement

Presenter (s): **Jonathan Gerlach**

Location: Sycamore B 11:00-11:50

Brief Description: Learn how using Game-Based Learning can meet students where they are and drive both engagement and achievement.

Conference Strand: Linking Science and Informal Settings

Audience: General

Exhibitor/Sponsor:

Legends of Learning

Session #: 55



Interested in Getting STEM Endorsed?

Presenter (s): **Donna Barrett**

Location: Sycamore D 11:00-11:50

Brief Description: Come find out more about Metro RESA's online STEM endorsement.

Conference Strand: Linking Research and Best Practices

Audience: All Grades (K-12),All Audiences

Session #: 1001

Science Olympiad is for Everyone: Expanding Our Reach and Opportunities

Presenter (s): **Amy Chisam (and potentially 1 other)**

Location: 212 11:00-11:50

Brief Description: All students deserve the chance to discover their passions in STEM. Discover Georgia Science Olympiad's newest initiatives for fostering greater diversity and equity.

Conference Strand: Understanding the Link Between Science Advocacy and Cultural, Social and Gender Issues in Science

Audience: Upper Elementary (3-5),Middle (6-8),High (9-12),Pre-service/Early Career Teachers,Advanced High (AP/IB),Supervisor/Leadership

Exhibitor/Sponsor: Georgia Science Olympiad

Session #: 31

STEM on the Farm

Presenter (s): **Jenna Henkel, Tammy Nowell, Emily Anne Strickland, Tiffany West**

Location: Sycamore A 11:00-11:50

Brief Description: Join us as we use the Georgia Standards of Excellence to link STEM and farming.

Conference Strand: Linking Science and Informal Settings

Audience: STEM/STEAM

Exhibitor/Sponsor: Georgia Youth Science and Technology Centers, Inc.

Session #: 23

****Scan this for a virtual tour or map of the Columbus Conference Center.**



Beyond the Barometer: Exploring Next-Generation Weather Data

Presenter (s): **Levi Boggs, Tyler Kinner**

Location: 209 11:00-11:50

Brief Description: This session will unpack the modern sources of data weather scientists use in their work, and will engage participants in hands-on data analysis.

Conference Strand: Explaining the Link Between Phenomena and Science

Audience: Upper Elementary (3-5),Middle (6-8),High (9-12)

Session #: 108

Using a lottery to discuss climate change: Statistics and science integration

Presenter (s): **Basil Conway, Deniz Peker**

Location: Sycamore C 11:00-11:50

Brief Description: This session uses Nenana Ice Classic phenomenon to explore climate change in Alaska. Participants will use data to make connections between science and statistics.

Conference Strand: Explaining the Link Between Phenomena and Science

Audience: Middle (6-8),High (9-12)

Session #: 111

Literacy Crossroads: A Journey Through GPB Education Digital Resources for Integrated Student Learning in Science and Beyond

Presenter (s): **Dr. Kiawana Kennedy**

Location: 201 1:00-1:50

Brief Description: Join GPB Education for a road trip through our free digital resources that connect science through literacy. Teachers will engage with resources that they can easily incorporate into their classrooms.

Conference Strand: The Link Between Science and Literacy

Audience: All Grades (K-12)

Exhibitor/Sponsor: Georgia Public Broadcasting

Session #: 168

STEM Reads: Literature-Driven STEM Adventures for the Classroom

Presenter (s): **Terra Tarango**

Location: 203 1:00-1:50

Brief Description: Discover a world of captivating STEM picture books as we explore interactive science and engineering activities that complement these literary gems.

Conference Strand: The Link Between Science and Literacy

Audience: Lower Elementary (K-2),Upper Elementary (3-5),Middle (6-8)

Session #: 163

Literacy in Action: Makerspace, STEM Bins, and the Magic of Elementary Science

Presenter (s): **Angie Meredith**

Location: 210 1:00-1:50

Brief Description: Explore how creativity and literacy work together. We'll delve into Makerspace projects, STEM bins, and how these hands-on activities foster literacy skills in elementary learners.

Conference Strand: The Link Between Science and Literacy

Audience: Lower Elementary (K-2),Upper Elementary (3-5)

Exhibitor/Sponsor: hand2mind

Session #: 48



Making Sense of Figures: Exploring Data by Engaging with Data Points and Phenomenal Images

Presenter (s): **Tim Guilfoyle**

Location: 202 1:00-1:50

Brief Description: Come explore a hands-on instructional strategy to engage students in data analysis to strengthen scientific literacy with Free HHMI BioInteractive Phenomenal Images and Data Points.

Conference Strand: The Link Between Science and Literacy

Audience: Middle (6-8),High (9-12),Pre-service/Early Career Teachers,Advanced High (AP/IB)

Exhibitor/Sponsor: HHMI BioInteractive

Session #: 60



STEAM: Connecting Science Phenomena and Arts Through Cross-Cutting Concepts

Presenter (s): **Sally Baker**

Location: 205 1:00-1:50

Brief Description: Cross-Cutting Concepts span all grade levels and can be the basis for interdisciplinary instruction in the arts. Come explore how arts strategies naturally partner with CCC to increase rigor in classrooms..

Conference Strand: The Link Between Science and Literacy

Audience: All Audiences

Session #: 82

Making Waves with Phenomena-Centered Science

Presenter (s): **Chelsea Sell**

Location: 206 1:00-1:50

Brief Description: Dive into captivating water-based activities to ignite curiosity and foster scientific inquiry in your classroom through phenomena-centered teaching.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Middle (6-8)

Session #: 39

GaDOE Science Updates

Presenter (s): **Renee Shirley-Stevens, Keith Crandall, Judith Beccaro, Laura Canepa-Redondo**

Location: Sycamore D 1:00-1:50

Brief Description: Join the Georgia Department of Education Science team to explore resources available from GaDOE.

Conference Strand: Not Aligned to a Conference Strand

Audience: All Grades (K-12)

Session #: 80



SCIENCE CONCEPTS IN LITERATURE

Presenter (s): **Nancy Brim**

Location: 212 1:00-1:50

Brief Description: To integrate my science class with the ELA class, I read passages of books in my physical science and Earth science classrooms. Students are always more engaged.

Conference Strand: The Link Between Science and Literacy

Audience: Middle (6-8)

Session #: 33

K-12 Environmental Stewardship in the Classroom

Presenter (s): **Olivia Haas, Jenny Guadalupe**

Location: 207 1:00-1:50

Brief Description: This session focuses on incorporating equity discussions into existing air quality and climate curriculum, encouraging interdisciplinary approaches to center science lessons around place-based examples and student experiences.

Conference Strand: Understanding the Link Between Science Advocacy and Cultural, Social and Gender Issues in Science

Audience: Earth and Space Science

Session #: 58

Digital Interactive Learning Logs for K-12 Students

Presenter (s): **Jennifer Barnes, Erin Springthorpe, Dr. Robin Tillotson**

Location: 204 1:00-1:50

Brief Description: Are you hybrid, 1:1 or want to be paperless? Then use a digital learning log!

Conference Strand: The Link Between Science and Literacy

Audience: Middle (6-8),High (9-12)

Session #: 137

We are asking presenters to please submit any shared materials using this link:

https://bit.ly/GSTA24_Presenters

Attendees may access shared session materials using this link: https://bit.ly/GSTA24_Materials

Beyond the Slinky: A Glowing Waves Phenomenon

Presenter (s): **Stephanie Wallace**

Location: 209 1:00-1:50

Brief Description: Engage your students with a memorable phenomenon to launch their studies of light energy and connect to the importance of sunglasses.

Conference Strand: Explaining the Link Between Phenomena and Science

Audience: Middle (6-8),High (9-12)

Exhibitor/Sponsor: Lab-Aids

Session #: 56



Hands-on astronomy inquiry with the Aloha Telescope

Presenter (s): **Jim Sowell, Tom Crowley, Megan Birch, Tyler Kinner**

Location: Sycamore C 1:00-1:50

Brief Description: Join this session to learn about the Georgia Tech Observatory's Aloha Telescope and hands-on observation sessions through the Direct to Discovery program

Conference Strand: Explaining the Link Between Phenomena and Science

Audience: All Grades (K-12),Advanced High (AP/IB),College

Session #: 87

Teachers Evolutionary Institute

Presenter (s): **Patti Howell**

Location: Sycamore B 1:00-2:50 **Double Session**

Brief Description: The Teacher Institute for Evolutionary Science provides teachers with a free 3D unit on evolution including: phenomenon, data collection activities, argumentation from evidence, and inquiry investigations.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Life Science

Exhibitor/Sponsor: Teacher Institute for Evolutionary Science

Session #: 106



Unleashing Inquiry: A Workshop on Implementing Argument-Driven Inquiry (ADI) in the Classroom

Presenter (s): **Marwa Crisp and Lotesia Hammonds**

Location: 211 1:00-2:50 **Double Session**

Brief Description: This Inquiry workshop guides teachers in an innovative ADI exploration using puzzles. Emphasis on process over content, promoting engaging delivery, CCCs, and SEPs for effective science teaching.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: General

Session #: 76

Authentic Writing in the Science Classroom

Presenter (s): **Rosemarie Gondek**

Location: 208 1:00-2:50 **Double Session**

Brief Description: We will explore ways to record scientific thinking using a notebook. Note-booking allows students to value their ideas and maintain connections to literacy and math concepts plus shows student growth over time. Come get started...

Conference Strand: The Link Between Science and Literacy

Audience: Upper Elementary (3-5)

Session #: 175

Assessing 3-D Understanding Using the NSTA Student Work Analysis Protocol

Presenter (s): **Zoe Evans**

Location: 209 2:00-2:50

Brief Description: Participants gain experience using the NSTA Student Work Analysis Protocol (open educational resource) and can share the protocol and application with colleagues in their school/district.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: All Grades (K-12)

Exhibitor/Sponsor: NSTA/GSTA

Session #: 118

Sense-ational Science on a Budget from the Science Sisters

Presenter (s): **Donita Legoas and Kristina Istre**

Location: 210 2:00-2:50

Brief Description: Need some fun and relevant ideas to liven up your science classroom? We have a few ideas for you!

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: All Grades (K-12)

Session #: 120

From Rocks to Riches: Where Should We Mine?

Presenter (s): **Stephanie Wallace**

Location: Sycamore D 2:00-2:50

Brief Description: As part of a mining company, can you use strategy, geochemistry, topography, and other Earth Systems concepts to find the valuable mineral deposit along a river?

Conference Strand: Explaining the Link Between Phenomena and Science

Audience: Middle (6-8),High (9-12)

Exhibitor/Sponsor: Lab-Aids

Session #: 45

Filling the Knowledge Gap with Links between Science Inquiry and Literacy

Presenter (s): **Sandi Reyes**

Location: 204 2:00-2:50

Brief Description: Unpack the research that links authentic inquiry-based science experiences to literacy development, and learn research-based strategies to connect science and literacy in the classroom.

Conference Strand: The Link Between Science and Literacy

Audience: General

Exhibitor/Sponsor: Learning A-Z

Session #: 7



Juggling Science...Balancing Fun and Learning in the Classroom

Presenter (s): **Melissa Niemi and Ron Anglin**

Location: Sycamore A 2:00-2:50

Brief Description: Prepare to be amazed as we bring a unique twist to science education! Join our captivating conference session, "Juggling Science," where we explore the fascinating intersection of juggling and teaching science concepts.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: All audiences

Session #: 2003

Weather Tool: Integrating Literacy and Science through the 5E Model and PocketLab: Weather Tool for 4th and 5th Grade Students

Presenter (s): **Kandis Pugh-Alexander**

Location: 203 2:00-2:50

Brief Description: This conference presentation aims to showcase an innovative approach to engage 4th and 5th-grade students in literacy through science using the 5E model. The session will delve into practical lessons integrating the PocketLab.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Elementary (K-5)

Session #: 2012

Using Gizmos and CER to Connect Science & Literacy

Presenter (s): **Tiffany Christian**

Location: 202 2:00-2:50

Brief Description: This workshop is designed to connect literacy, writing and Gizmos simulations in the science classroom.

Conference Strand: The Link Between Science and Literacy

Audience: General

Exhibitor/Sponsor: ExploreLearning

Session #: 128

The Science Squeeze: Making Lemonade Out of Lemons

Presenter (s): **Amy Tinnell, Stephanie Westhafer**

Location: 201 2:00-2:50

Brief Description: The "Science Squeeze" phenomenon is REAL! Do you need tools for advocacy and instructional strategies to help make lemonade out of lemons? Join us!

Conference Strand: The Link Between Science and Literacy

Audience: General

Session #: 42

The Key to Increasing Student Engagement to Improve Achievement

Presenter (s): **Eric Rhoades**

Location: 207 2:00-2:50

Brief Description: Has COVID-19 caused learning loss? Learn ready-to-use strategies supported by the most recent research that will help you accelerate learning in your science classroom.

Conference Strand: Linking Research and Best Practices

Audience: Middle (6-8),High (9-12),Pre-service/Early Career Teachers,Supervisor/Leadership

Exhibitor/Sponsor: Collaborative Teaching and Learning Group , LLC

Session #: 138

Science on the Move with Tellus Science Museum

Presenter (s): **Helen Martin**

Location: 206 2:00-2:50

Brief Description: Join Tellus educators as we discuss our outreach and virtual programming. We will also showcase some of the activities as we talk about these opportunities.

Conference Strand: Linking Science and Informal Settings

Audience: All Grades (K-12)

Exhibitor/Sponsor: Tellus Science Museum

Session #: 25

We are asking presenters to please submit any shared materials using this link:

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Attendees may access shared session materials using this link: https://bit.ly/GSTA24_Materials



Leveraging Frugal Biotech Resources: Empowering Science Through Gel Electrophoresis

Presenter (s): **Britt Denier-Cantrell, Megan Heaphy**

Location: Sycamore C 2:00-2:50

Brief Description: Attendees will gain insights into how gel electrophoresis can be executed affordably without compromising scientific rigor.

Conference Strand: Understanding the Link Between Science Advocacy and Cultural, Social and Gender Issues in Science

Audience: STEM/STEAM

Session #: 88

Nature Journaling: A STEAM Approach to Literacy

Presenter (s): **Victoria Neundorfer Hall, Ashley Herbolich**

Location: 212 2:00-2:50

Brief Description: Make memorable, hands-on experiences with Nature Journaling using artistic, mathematic and literacy elements as we take a closer look at our natural world.

Conference Strand: The Link Between Science and Literacy

Audience: All Grades (K-12)

Exhibitor/Sponsor: Oxbow Meadows Environmental Learning Center

Session #: 145

Reflecting on Rightful Presence in the STEAM Classroom

Presenter (s): **Katherine Boice, Justina Jackson, Matthew Cogger**

Location: 212 3:00-3:50

Brief Description: In this session, we'll share a framework for student belonging in STEAM contexts, providing resources and time for reflection.

Conference Strand: Understanding the Link Between Science Advocacy and Cultural, Social and Gender Issues in Science

Audience: All Grades (K-12),All Audiences

Session #: 182

****Interested in purchasing some fun Science toys? The GSTA Store in the Exhibit hall has what you need!**



Teaching Reproduction Does Not Have To Be Cringy . . . Have Your DNA & Eat It Too!

Presenter (s): **Melanie Hoffman and Laura Miller**

Location: 209 3:00-3:50

Brief Description: Investigate Genetics and Inheritance By Making Models and Using Edible Labs; Explore Puppy Pedigrees with Selective Breeding, CRISPR and Genetic Variation, and Modeling DNA Structure.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Middle (6-8)

Exhibitor/Sponsor: Esther F. Garrison School for the Arts

Session #: 104

Teach the GSE Outside

Presenter (s): **Amanda Buice**

Location: Sycamore A 3:00-3:50

Brief Description: Teaching 3D science outside does not require formal gardens.

Conference Strand: Linking Science and Informal Settings

Audience: General

Session #: 73

A Little Dirt Never Hurt - Create Your School Garden Plan

Presenter (s): **Ansley Wallace, Ruthie Dryden**

Location: 206 3:00-3:50

Brief Description: Join us as we dig deeper into the importance, relevance, and community of school gardens. Discover how your school can grow!

Conference Strand: Explaining the Link Between Phenomena and Science

Audience: STEM/STEAM

Session #: 141

Why Is My Lab Designed This Way?

Presenter (s): **Jim Bryant**

Location: 210 3:00-3:50

Brief Description: Wondering will countertops melt, how a fume hood works, why are pressurized nozzles on faucets, should acids go down the drain? This is your session!

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: General

Exhibitor/Sponsor: Ward's Science/Sargent Welch

Session #: 96

Problem Solving and Patterns: Learn the Rubik's Cube in less than an hour!

Presenter (s): **Stephanie Keyser**

Location: 208 3:00-3:50

Brief Description: Participants will learn a simple algorithm to practice and solve a Rubik's Cube within an hour.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: General

Session #: 34

Literacy and Science in Action

Presenter (s): **Renee Shirley-Stevens**

Location: 203 3:00-3:50

Brief Description: Join the GaDOE Science team to explore a literacy-based science task.

Conference Strand: The Link Between Science and Literacy

Audience: Lower Elementary (K-2), Upper Elementary (3-5)

Session #: 79

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Is it a Science Test or a Reading Test? Yes!

Presenter (s): **Jeremy Peacock, Amy Tinnell**

Location: 202 3:00-3:50

Brief Description: You must understand literacy to maximize student learning and to speak up for science in the statewide literacy conversation. We'll share research and classroom strategies.

Conference Strand: The Link Between Science and Literacy

Audience: Middle (6-8), High (9-12), Supervisor/Leadership

Session #: 89

Discovering & Understanding the Okefenokee Swamp - An Educational Destination

Presenter (s): **Katie Antczak**

Location: 207 3:00-3:50

Brief Description: The Okefenokee Swamp is a mecca of educational experiences for all students. This presentation aims to introduce educators to the Okefenokee and its academic potential.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: All Audiences

Exhibitor/Sponsor: Okefenokee Swamp Park & Okefenokee RESA

Session #: 129

Let's Go Enviro! With GPB's Comprehensive New Online Course for Environmental Science

Presenter (s): **Tracey Wiley**

Location: 211 3:00-3:50

Brief Description: GPB's Let's Go Enviro online course makes environmental science learning come alive through captivating natural phenomena, project-based learning, and standards-aligned explorations of Georgia's diverse ecosystems.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Middle (6-8), High (9-12), Advanced High (AP/IB), College

Exhibitor/Sponsor: Georgia Public Broadcasting

Session #: 142



Messy Hands = Active Learning

Presenter (s): **Dr. Bethany Hayes**

Location: Sycamore B 3:00-3:50

Brief Description: Come learn about how a local mini-grant became a blood spatter lab for forensics students.

Conference Strand: Explaining the Link Between Phenomena and Science

Audience: All Audiences

Exhibitor/Sponsor: Thomas County Central High School

Session #: 181

Let's Plan to Plant!

Presenter (s): **Annette Buckner**

Location: Sycamore C 300-3:50

Brief Description: Want to start a Botany program? Currently have a botany program at your school? Come check out my session and learn how to incorporate standards in a fun engaging way.

Conference Strand: Explaining the Link Between Phenomena and Science

Audience: Middle (6-8),High (9-12)

Session #: 65

"Sparking Curiosity: Illuminating Electricity for Elementary and Middle School Teachers"

Presenter (s): **Amber Kersey**

Location: Sycamore D 3:00-3:50

Brief Description: In this session, I'll show you how to make elementary and middle school electricity concepts come to life. I'll cover labs, demos, and a final project to light things up!

Conference Strand: Explaining the Link Between Phenomena and Science

Audience: Upper Elementary (3-5),Middle (6-8),High (9-12)

Session #: 186

Big Kids Love Storytime, Too!

Presenter (s): **Will Dodd, Robert Young, Valerie Ages-Lockett, & Cathy Fontenot**

Location: 201 3:00-3:50

Brief Description: Join us as we pull middle grade scientific concepts from trade books and create a STEM activity related to the book.

Conference Strand: The Link Between Science and Literacy

Audience: Middle (6-8)

Session #: 157

Real Literacy in Real Middle and High School Classrooms

Presenter (s): **Jeremy Peacock, Meganne Skinner, Michael Dowling, Julie Eidson, Katrina Hammond, Patti Howell, Janetta Greenwood, Judie Beccaro**

Location: Sycamore C 4:00-4:50

Brief Description: Literacy is inseparable from excellent science teaching, but what can it really look like? Middle and high school teachers will share their practical classroom experiences.

Conference Strand: The Link Between Science and Literacy

Audience: Middle (6-8), High (9-12), Supervisor/Leadership

Session #: 2000



****Don't forget the District Meet and Greet Social today from 5:30-7:30 @ the Coca-Cola Space Science Center. Enjoy free appetizers, a free planetarium show, and an amazing juggler. It is a fun event you don't want to miss.**



Teaching Scientists to be Sustainable Superheroes

Presenter (s): **Chloe Westhafer, Julie Eidson, Jennifer Fisher**

Location: Sycamore D 9:00-9:50

Brief Description: Learn about the Sustainable Development goals and how these can be easily incorporated into your current curriculum to teach students the importance of sustainability!

Conference Strand: Understanding the Link Between Science Advocacy and Cultural, Social and Gender Issues in Science

Audience: Upper Elementary (3-5), Middle (6-8), High (9-12)

Session #: 1010

What's In Your Toolkit?

Presenter (s): **Elissa Blount**

Location: 207 9:00-9:50

Brief Description: Explore a comprehensive high school life science toolkit. Empowering teachers with research-based literacy, formative assessments, and reflective practices for pedagogical strength and academic prosperity.

Conference Strand: Linking Research and Best Practices

Audience: High (9-12)

Session #: 41

Beyond Lab Reports: Literacy in Science

Presenter (s): **Kathryn Mullen**

Location: 202 9:00-9:50

Brief Description: This presentation will look at various literary strategy that can be used to evaluate phenomena.

Conference Strand: The Link Between Science and Literacy

Audience: All Grades (K-12)

Session #: 132

We are asking presenters to please submit any shared materials using this link:

https://bit.ly/GSTA24_Presenters

Attendees may access shared session materials using this link: https://bit.ly/GSTA24_Materials

Teacher, Hey Teacher! Can you please tell me why we are learning this?!

Presenter (s): **Enow Taye Ayuk**

Location: 212 9:00-9:50

Brief Description: This presentation will involve engaging dialogue for science educators to embark on a journey of knowing how to explain the “why” while keeping the “what” relevant—true engagement in the 21st century.

Conference Strand: Linking Science and Informal Settings

Audience: Middle (6-8), All Grades (K-12), All Audiences

Session #: 83

Helping Learners Plan Scientific Investigations: Connecting to Students' Experiences and Curiosities

Presenter (s): **Jessica Stephenson Reaves, Soon Lee, Rasheda Likely, Preethi Titu, and Anna Arias**

Location: 205 9:00-9:50

Brief Description: The session includes a discussion of how to support learners in designing systematic investigations related to learners' interests and explore a research-developed webtool, Hopscotch-4-Scientific Investigation.

Conference Strand: Linking Research and Best Practices

Audience: All Grades (K-12), College

Session #: 22

Using Science Practices To Connect Evolution and Inheritance With HHMI BioInteractive's Rock Pocket Mouse Resources

Presenter (s): **Jennifer Barnes**

Location: 204 9:00-9:50

Brief Description: Join us for an interactive experience using the Rock Pocket Mouse phenomenon and activities across various concepts in your Biology course!

Exhibitor/Sponsor: HHMI BioInteractive

Audience: Middle (6-8), High (9-12), Advanced High (AP/IB)

Session #: 137



5E in Action

Presenter (s): **Dr. O'tessa Pelham**

Location: 208 9:00-9:50

Brief Description: Teachers will have an opportunity to dive into the 5E Instructional Model to increase their teacher self-efficacy. This hands-on experience is sure to have you excited about the future!

Conference Strand: Linking Research and Best Practices

Audience: Lower Elementary (K-2), Upper Elementary (3-5), Pre-service/Early Career Teachers

Session #: 183

Elementary Explorers Decoding Patterns in the Sky

Presenter (s): **Angie Meredith**

Location: 209 9:00-9:50

Brief Description: Uncover sky patterns by understanding Earth's orbit and rotation. See how the sun's journey and Earth's spin create observable celestial phenomena.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Lower Elementary (K-2), Upper Elementary (3-5)

Exhibitor/Sponsor: hand2mind

Session #: 50

**Science Saves!**

Presenter (s): **Patti Howell**

Location: 203 9:00-9:50

Brief Description: ScienceSaves promotes how science makes our individual lives healthier and easier. Our free multidisciplinary lessons focus on integrating literacy, science and engineering practices, and inquiry.

Conference Strand: The Link Between Science and Literacy

Audience: Middle (6-8), High (9-12), College

Exhibitor/Sponsor: Science Saves

Session #: 105

****Don't forget to purchase your 2024 GSTA Conference T-shirt at the GSTA Booth in the exhibit hall!**

Standards-Based Storylines in Biology

Presenter (s): **Miranda Simmons**

Location: 210 9:00-9:50

Brief Description: Come learn about our experience anchoring Illinois Storylines in the Biology GSE using BIG20 Assessments and student-driven data tracking. Resources will be shared!

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: High (9-12)

Exhibitor/Sponsor: Mary Persons HS

Session #: 66

Scaffold the Journey, Don't Simplify the Content

Presenter (s): **Laura Canepa-Redondo**

Location: Sycamore A 9:00-9:50

Brief Description: Join this session to engage in phenomenon-driven lesson activities, which are embedded with a variety of strategies and scaffolds designed for all students.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: All Grades (K-12)

Session #: 77

Explore Before Explain: Bringing Curiosity Back into the Classroom

Presenter (s): **Amber Spivey**

Location: 211 9-10:50 **Double Session**

Brief Description: To increase student engagement, let them get their hands dirty and mind working before the lecturing begins with small consistent tasks embedded in each lesson.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Lower Elementary (K-2), Upper Elementary (3-5), Middle (6-8), High (9-12), All Grades (K-12)

Session #: 98



What Happens When Dog Man and Cat Kid Investigate ancestry.com?*Presenter (s):* **Seri Beall & Carlyn Bland***Location:* 201 9-10:50 **Double Session***Brief Description:* Connecting Literacy and Evolutionary Theory in the Middle School Classroom*Conference Strand:* The Link Between Science and Literacy*Audience:* Middle (6-8)*Session #:* 84**The OpenSciEd Instructional Model: Routines for Advancing Students Through a Storyline (OSE MIDDLE SCHOOL)***Presenter (s):* **Andrew Whittet and Vanessa Evans***Location:* 212 10:00-10:50*Brief Description:* Experience using a storyline to navigate through the OpenSciEd model.*Conference Strand:* Students' Science Journey Linked to 3D Learning*Audience:* Middle (6-8)*Exhibitor/Sponsor:* Activate Learning.com*Session #:* 2014**Fire Not Included: Engineering with Life Science***Presenter (s):* **Ashley Herbolich, Victoria Neundorfer Hall***Location:* 210 10:00-10:50*Brief Description:* Connect your students to engineering by problem solving with real-world examples that crosscut disciplines exploring controlled burns in Georgia's Long Leaf Pine ecosystems.*Conference Strand:* The Link Between Science and Literacy*Audience:* All Grades (K-12)*Exhibitor/Sponsor:* Oxbow Meadows Environmental Learning Center*Session #:* 144

We are asking presenters to please submit any shared materials using this link:

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**Make It Make Sense: Using Psychology To Improve Curriculum and Learning***Presenter (s):* **Matthew Bishop***Location:* 207 10:00-10:50*Brief Description:* Explore strategies for refining curriculum and learning through a blend of cognitive psychology and pedagogical practices.*Conference Strand:* Linking Research and Best Practices*Audience:* Middle (6-8),High (9-12),All Grades (K-12)*Session #:* 68**Sunlight, CO2, Water...and Action!***Presenter (s):* **Sarida Hoy***Location:* 202 10:00-10:50*Brief Description:* Why is it important to embed literate practices and strategies in science classrooms with English Language Learners(ELL)? The standard highlighted will be SB1e. Strategies will include Activators, Mini lesson, CER Model, and Summarizers.*Conference Strand:* The Link Between Science and Literacy*Audience:* High (9-12)*Session #:* 131**I Want to See Me in My Science Learning...Using Literacy to Meet the Needs of All Science Learners***Presenter (s):* **Teresa Massey and Michelle Thompson (GSTA Board Members)***Location:* 203 10:00-10:50*Brief Description:* This session shares ways to incorporate literacy in science lessons using inclusive teaching strategies.*Conference Strand:* The Link Between Science and Literacy*Audience:* Lower Elementary (K-2),Upper Elementary (3-5),Middle (6-8),High (9-12),All Grades (K-12),Pre-service/Early Career Teachers,Advanced High (AP/IB),College,Supervisor/Leadership,All Audiences*Session #:* 92

Speaking Science: Collaborative Conversations in the Science Classroom

Presenter (s): **Michael Kelly**

Location: 208 10:00-10:50

Brief Description: Walk out ready to use collaborative conversations in your classroom next week for formative assessment, engaging reluctant learners, and have students speaking science.

Conference Strand: Linking Research and Best Practices

Audience: All Grades (K-12)

Session #: 63

The Most Effective (and Practical) Ways to Connect Science and Literacy

Presenter (s): **Eric Rhoades**

Location: 206 10:00-10:50

Brief Description: Learn practical strategies to connect science and literacy, and how to use these simple strategies that busy teachers can successfully employ to increase critical thinking.

Conference Strand: The Link Between Science and Literacy

Audience: Upper Elementary (3-5), Middle (6-8), High (9-12), Pre-service/Early Career

Teachers, College, Supervisor/Leadership

Exhibitor/Sponsor: Collaborative Teaching and Learning Group Consulting, LLC

Session #: 75

Design an Experiment for the International Space Station!

Presenter (s): **Ally Huang**

Location: 205 10:00-10:50

Brief Description: Genes in Space is a free experimental design competition for middle/high schools. Learn about the contest and how to receive a biotechnology equipment loan.

Conference Strand: Linking Research and Best Practices

Audience: Middle (6-8), High (9-12), Advanced High (AP/IB)

Exhibitor/Sponsor: miniPCR bio

Session #: 166

**Modeling the Science and Engineering Practices**

Presenter (s): **Keith Crandall**

Location: Sycamore A 10:00-10:50

Brief Description: This session will explore the science practices and how they can be modeled in the classroom.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Middle (6-8), High (9-12)

Session #: 81

Developing Case Scenarios to Notice and Wonder with AI

Presenter (s): **Jaclyn Murray**

Location: 209 10:00-10:50

Brief Description: The session shares ways to use AI to develop case scenarios that focus on observations, inferences, the science practices, and best teaching practices.

Conference Strand: Explaining the Link Between Phenomena and Science

Audience: Middle (6-8), High (9-12), Pre-service/Early Career Teachers, College, Supervisor/Leadership

Exhibitor/Sponsor: Mercer University

Session #: 130

**Hands on Art and Science: Handprints**

Presenter (s): **Mary Kay Bacallao**

Location: Sycamore C 10:00-10:50

Brief Description: Participants will engage a "hands-on" lesson as they create their own Handprint.

Conference Strand: Understanding the Link Between Science Advocacy and Cultural, Social and Gender Issues in Science

Audience: Lower Elementary (K-2), Upper Elementary (3-5), Middle (6-8), High (9-12)

Session #: 1111

****Interested in GSTA Conference Swag, make sure you visit the exhibit hall open until 4:00 today!**

Arts Integration and Science: Diving Deeper into the Content

Presenter (s): **Meagan Cascone**

Location: 211 11:00-11:50

Brief Description: Learn quick and easy adaptable arts integration strategies that will elevate your Science content the very next day!

Conference Strand: Linking Science and Informal Settings

Audience: All Grades (K-12), Supervisor/Leadership

Session #: 148

Bring writing and science together with CER

Presenter (s): **Kristen Rillieux**

Location: 202 11:00-11:50

Brief Description: Participants will learn how to improve evidence-based writing skills and communicate scientific knowledge exploring each component of CER.

Conference Strand: The Link Between Science and Literacy

Audience: Middle (6-8)

Session #: 90

Beginner biotech basics for middle and high school classrooms

Presenter (s): **Ally Huang**

Location: 205 11:00-11:50

Brief Description: miniPCRbio makes bringing biotechnology to the classroom easy. Create micropipetting art and build a gel electrophoresis system on a budget you didn't think was possible!

Conference Strand: Linking Research and Best Practices

Audience: Middle (6-8), High (9-12), Advanced High (AP/IB)

Exhibitor/Sponsor: miniPCR bio

Session #: 165

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**Science + Literacy = Fun and Engagement**

Presenter (s): **Heidi Goodin**

Location: 204 11:00-11:50

Brief Description: This session looks at the engaging possibilities of trade books in combination with Science concepts. Participants will engage in activities that promote interdisciplinary ideas.

Conference Strand: The Link Between Science and Literacy

Audience: Lower Elementary (K-2), Upper Elementary (3-5), Middle (6-8), High (9-12), All Grades (K-12), Pre-service/Early Career Teachers

Session #: 32

The Link Between Science and Literacy

Presenter (s): **JoAnna Arnold**

Location: 201 11:00-11:50

Brief Description: When the strength of teacher efficacy becomes balanced with the development and understanding of transdisciplinary literacy, teachers can transform project-based learning units into meaningful STE(A)M educational initiatives.

Conference Strand: The Link Between Science and Literacy

Audience: Lower Elementary (K-2), Upper Elementary (3-5), Middle (6-8), High (9-12), All Grades (K-12), Pre-service/Early Career Teachers

Session #: 2001

Turtle-y Awesome Connections

Presenter (s): **Molly Johnson**

Location: Sycamore C 11:00-11:50

Brief Description: Discover how Georgia Aquarium connects our animals to Georgia science standards through hands on lesson plans and activities.

Conference Strand: Linking Science and Informal Settings

Audience: All Grades (K-12)

Exhibitor/Sponsor: Georgia Aquarium

Session #: 20



Breathe Easy - Linking Anatomy and Health Science

Presenter (s): **IJames Erika, Katzowitz Ellen**

Location: 208 11:00-11:50

Brief Description: Allowing students to connect the respiratory system by hands on activities and case studies to pursue careers particularly in respiratory medicine.

Conference Strand: Linking Science and Informal Settings

Audience:

Exhibitor/Sponsor: E2 Educational Experiences

Session #: 3

UnBEElievable Problem Based Learning

Presenter (s): **Lisa Corbin**

Location: 210 11:00-11:50

Brief Description: How can we deepen student content knowledge and engagement? Participate in a real-world problem based learning experience and explore how it can work for you.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Middle (6-8),High (9-12),Pre-service/Early Career Teachers

Exhibitor/Sponsor: Savvas Learning Company

Session #: 47

Interactive Notebooks: Unleashing Student Engagement and Content Mastery

Presenter (s): **Malissa Jones**

Location: 212 11:00-12:50 **Double Session**

Brief Description: Explore the use of interactive notebooks as a powerful tool to enhance student learning, promote active participation, and reflect on student understanding.

Conference Strand: Linking Research and Best Practices

Audience: Middle (6-8),High (9-12),Pre-service/Early Career Teachers,Advanced High (AP/IB)

Session #: 29

****Don't forget to turn in your completed Exhibit Hall passport to be eligible for today's door prizes @ 4:00. Must be present to win!**

Designing and Implementing Groupwork to Improve Collaboration and Increase Participation and Engagement from All Students

Presenter (s): **Anna Monteiro**

Location: 206 11:00-12:50 **Double Session**

Brief Description: Come learn about the groupwork strategy, Complex Instruction. Explore strategies aimed to increase participation and engagement for all students while collaborating in science

Conference Strand: Linking Research and Best Practices

Audience: All Grades (K-12)

Session #: 37

From Code to Creation: The Central Dogma Essentials

Presenter (s): **Ruth Hutson**

Location: 209 11:00-12:50 **Double Session**

Brief Description: Model how human cells make proteins and export them. Foster an understanding of how the structure of DNA and RNA determines the structure of proteins.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Middle (6-8),High (9-12),Advanced High (AP/IB)

Exhibitor/Sponsor: 3D Molecular Designs

Session #: 18

Not Another Buzz Word: Culturally Responsive Teaching in K-12 Science

Presenter (s): **Anthony Little**

Location: 207 12:00-12:50

Brief Description: Join us as we discuss culturally responsive teaching and how we can use it in the K-12 science classroom to help all students succeed.

Conference Strand: Understanding the Link Between Science Advocacy and Cultural, Social and Gender Issues in Science

Audience: All Grades (K-12)

Session #: 170



Using Scent as a Strategy for Cognitive and Behavioral Function

Presenter (s): **Dr. Bethany Hayes**

Location: 205 12:00-12:50

Brief Description: Exploring research-based strategies about scent in the classroom for student achievement.

Conference Strand: Linking Research and Best Practices

Audience: All Audiences

Exhibitor/Sponsor: Thomas County Central High School

Session #: 182

Embracing Georgia Native Flora & Fauna in Science Education

Presenter (s): **Katie Antczak**

Location: Sycamore A 12:00-12:50

Brief Description: Embracing native flora and fauna in instruction can enrich students' learning experiences and help develop a deeper understanding of the ecological importance of native species.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: All Grades (K-12), Pre-service/Early Career Teachers

Exhibitor/Sponsor: Okefenokee Swamp Park & Okefenokee RESA

Session #: 1

Exploring Morphology: Enhancing Scientific Literacy in High School Science Courses

Presenter (s): **Ashley Hill, Dorothy Scott, Dr. LaKeshia Strong**

Location: 202 12:00-12:50

Brief Description: Dive into word structures! This workshop illuminates the roots of scientific terms through morphology, empowering better comprehension and scientific literacy.

Conference Strand: The Link Between Science and Literacy

Audience: High (9-12), Pre-service/Early Career Teachers, Advanced High (AP/IB)

Exhibitor/Sponsor: Burke County High School

Session #: 13

Using phenomena in the classroom for student understanding.

Presenter (s): **Clayton Woodfin and Samantha Sturup**

Location: Sycamore B 12:00-12:50

Brief Description: Participate in a lesson using a phenomenon to get ideas for how to properly use them in your classroom.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Upper Elementary (3-5), Middle (6-8)

Session #: 40

Increasing Exposures of Culture and History in an Afterschool Program

Presenter (s): **Torressa Smith, Natalie King**

Location: 211 12:00-12:50

Brief Description: This presentation will showcase various ways to incorporate Black culture and history into an afterschool science club, with students giving input in their learning.

Conference Strand: Linking Science and Informal Settings

Audience: Upper Elementary (3-5), Middle (6-8), High (9-12), All Grades (K-12)

Session #: 135

Integrating Science & Literacy in K-5 Phenomenon-Based Learning

Presenter (s): **Amanda White, Donald White**

Location: 201 12:00-12:50

Brief Description: Explore integrating K-5 science and literacy through engaging, time-efficient, phenomenon-based instruction, enhancing curriculum fulfillment and aligning with the Science of Reading principles.

Conference Strand: The Link Between Science and Literacy

Audience: Lower Elementary (K-2), Upper Elementary (3-5)

Session #: 12

We are asking presenters to please submit any shared materials using this link:

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Science Camp: A guide to getting started and having funPresenter (s): **Melissa Rowe, Chris Tallent, Bobby Cavin**

Location: Sycamore C 12:00-12:50

Brief Description: Science Camp is a fun and engaging way to enhance the education of students of all educational needs outside the traditional classroom.

Conference Strand: Linking Science and Informal Settings

Audience: All Grades (K-12)

Session #: 85

Inquiry-based Lessons for People and the PlanetPresenter (s): **Kenneth Jones**

Location: 204 12:00-12:50

Brief Description: Use 3-D learning to help students understand the balance between human activities, finite natural resources, and ecosystem health. Engage in lively simulations, modeling and problem-solving.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Middle (6-8)

Session #: 123

Nature's Sculptors: Exploring Erosion's Artistry with Elementary EngineersPresenter (s): **Angie Meredith**

Location: 210 12:00-12:50

Brief Description: Embark on an exciting journey with our elementary science session where students delve into the captivating world of erosion through engaging phenomena, content, and hands-on activities.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Lower Elementary (K-2), Upper Elementary (3-5)

Exhibitor/Sponsor: hand2mind

Session #: 51

****GSTA Science T-shirts make great gifts for coworkers! Visit the exhibit hall to purchase one today!**

**Exploring Georgia's Natural Resources through the Georgia Teacher Conservation Workshop**Presenter (s): **Kim Morris-Zarneke, Chelsea York**

Location: 203 12:00-12:50

Brief Description: Learn how educators from across the state are engaging in place-based learning focused on Georgia's natural resources designed to enhance students' learning experiences.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Upper Elementary (3-5), Middle (6-8), High (9-12), Pre-service/Early Career Teachers, Advanced High (AP/IB), College

Exhibitor/Sponsor: Georgia Projects WET, WILD, & Learning Tree

Session #: 46

**Words matter! Using vocabulary to Link Science and Literacy**Presenter (s): **Dr. Jessica VanValkenburgh**

Location: Sycamore D 1:00-1:50

Brief Description: In this session, participants will learn about vocabulary strategies that can be used to increase scientific literacy and increase literacy practices in science classrooms.

Conference Strand: The Link Between Science and Literacy

Audience: Upper Elementary (3-5), Middle (6-8), Pre-service/Early Career Teachers

Session #: 44

Enhanced Grading and Progress Monitoring using ClassKickPresenter (s): **Malissa Jones**

Location: Sycamore B 1:00-1:50

Brief Description: Discover a game-changing approach to grading, feedback, and progress monitoring in your classroom with our session on Enhanced Grading and Progress Monitoring using ClassKick

Conference Strand: Linking Research and Best Practices

Audience: Middle (6-8), High (9-12)

Session #: 2

Fostering Middle School STEM Clubs: A Blueprint for Success

Presenter (s): **Chelsea Sell**

Location: 211 1:00-1:50

Brief Description: Uncover the seven essential steps to cultivate vibrant STEM clubs in middle schools, igniting students' passion for science in an informal, engaging environment.

Conference Strand: Not Aligned to a Conference Strand

Audience: Middle (6-8)

Session #: 136

Putting the TEAM in STEAM: How Science Olympiad prepares students for their future careers

Presenter (s): **Scott Cole and Jeremy Peacock**

Location: 212 1:00-1:50

Brief Description: Now in its 40th season, Science Olympiad provides an unmatched way to engage students. Learn the benefits of Science Olympiad while trying a sample activity.

Conference Strand: Linking Science and Informal Settings

Audience: STEM/STEAM

Exhibitor/Sponsor: Georgia Science Olympiad

Session #: 21

Empowering Emergent Bilingual Learners through Culturally and Linguistically Sustaining Pedagogies

Presenter (s): **John Orr, Lorraine Ramirez Villarin, Victoria Hunter, Maggie Lewis**

Location: Sycamore A 1:00-1:50

Brief Description: This presentation will focus on work done by preservice teachers on an NSF-funded summer program for emergent bilingual learners using culturally and linguistically sustaining approaches.

Conference Strand: Understanding the Link Between Science Advocacy and Cultural, Social and Gender Issues in Science

Audience: Middle (6-8), High (9-12)

Session #: 70

Nature Journaling with Elementary Students

Presenter (s): **Ann Catherine Cox**

Location: 203 1:00-1:50

Brief Description: Teaching kids to use a nature journal is as easy as A, B, C, D!

Conference Strand: The Link Between Science and Literacy

Audience: Lower Elementary (K-2), Upper Elementary (3-5)

Exhibitor/Sponsor: Carrollton Elementary School

Session #: 115

Research a Scientist

Presenter (s): **Emily Surber**

Location: 204 1:00-1:50

Brief Description: Students write essays about scientists that are inspiring to them and the instructor knows nothing about.

Conference Strand: The Link Between Science and Literacy

Audience: Middle (6-8), High (9-12), Pre-service/Early Career Teachers, Advanced High (AP/IB), College

Session #: 116

Georgia Aquarium Educational Offerings

Presenter (s): **Molly Johnson**

Location: 207 1:00-1:50

Brief Description: Georgia Aquarium's school programs provide opportunities for students to discover the aquatic realm in an immersive, standards-based learning environment. Dive in to the possibilities!

Conference Strand: Linking Science and Informal Settings

Audience: All Grades (K-12)

Exhibitor/Sponsor: Georgia Aquarium

Session #: 62

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5E Environmental Science Lessons

Presenter (s): **Stephanie Miles**

Location: Sycamore C 1:00-1:50

Brief Description: Experience several 5E Environmental Science Lessons that can be implemented easily

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: High (9-12)

Session #: 109

"STEM-ulating" young scientists through artistic design to build their models

Presenter (s): **Bethany Wright**

Location: 210 1:00-1:50

Brief Description: Early childhood educators come together to learn how to incorporate art through creative design, and use of traditional and nontraditional materials to develop, draft, design, and test models.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Lower Elementary (K-2)

Session #: 6

Sustainable for Who? Evaluating and Designing Fisheries Regulations in Your Ecology Unit

Presenter (s): **Stephanie Wallace**

Location: 208 1:00-1:50

Brief Description: Develop a deeper understanding of sustainable fishing and what it means to different community groups using a common resource for their benefit in this hands-on model.

Conference Strand: Understanding the Link Between Science Advocacy and Cultural, Social and Gender Issues in Science

Audience: Middle (6-8),High (9-12)

Exhibitor/Sponsor: Lab-Aids

Session #: 107



****Don't forget to turn in your completed Exhibit Hall passport to be eligible for today's door prizes @ 4:00. Must be present to win!**

**SCIENTIFICALLY LITERATE & INFORMED CITIZENS**

Presenter (s): **POORNIMA AMARAPU**

Location: 201 1:00-1:50

Brief Description: Strategies that will support science teachers in implementation of literacy activities in the classroom

Conference Strand: The Link Between Science and Literacy

Audience: Middle (6-8),High (9-12)

Session #: 4

"SPARK®"- A Boost for Energy Concepts in Middle and High School Classrooms

Presenter (s): **Gail Marshal and Judy Cox**

Location: 205 1:00-2:50 **Double Session**

Brief Description: SPARK® provides free, GSE-based lessons on energy concepts in various disciplines using research-supported student engagement in problem-solving and applications in actual or modeled settings.

Conference Strand: Linking Research and Best Practices

Audience: Middle (6-8),High (9-12)

Exhibitor/Sponsor: Green Power Electric Membership Coop

Session #: 125/122

**Speaking Up for Science: Advocating in Your Community & Beyond**

Presenter (s): **Jeremy Peacock, Patti Howell, Stephanie Westhafer**

Location: 208 2:00-2:50

Brief Description: How can you be an effective advocate at the school, district, community, and state level? GSTA's advocacy committee will share tips, experiences, and policy updates.

Conference Strand: Understanding the Link Between Science Advocacy and Cultural, Social and Gender Issues in Science

Audience: All Audiences

Session #: 184

Confessions of a New TeacherPresenters: **Marissa Christie**

Location: 204 2:00-2:50

Brief Description: Let's combat the teaching shortage and teacher burnout together! This presentation will share tips to help science teachers stay enjoying teaching!

Conference Strand: Linking Research and Best Practices

Audience: All Audiences

Session#: 444

Build It Up by Breaking It DownPresenter (s): **Erica Brown**

Location: 207 2:00-2:50

Brief Description: Help your students better understand vocabulary by teaching them to break down difficult words. Teach them the power of word parts.

Conference Strand: The Link Between Science and Literacy

Audience: Middle (6-8),High (9-12)

Session #: 36

Get All Students Talking: Strategies to Support Scientific Explanation, Argumentation, and Classroom DiscoursePresenter (s): **Judie Beccaro**

Location: Sycamore A 2:00-2:50

Brief Description: Unlock student engagement in science with dynamic strategies for explanation, argumentation, and discourse. Elevate every voice in your classroom for enhanced learning and participation.

Conference Strand: The Link Between Science and Literacy

Audience: All Grades (K-12),Pre-service/Early Career Teachers,Advanced High (AP/IB)

Session #: 78

Data PuzzlesPresenter (s): **Ann Marie Dubick**

Location: 211 2:00-2:50

Brief Description: Bring authentic and relevant scientific data into your classroom with Data Puzzles, a free resource to help students make sense of phenomena.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Middle (6-8),High (9-12)

Session #: 19

**What do tattooing, pottery, and ice farming all have in common? Science!**Presenter (s): **Melissa Niemi and Meagan Skerchock**

Location: Sycamore C 2:00-2:50

Brief Description: Discover the relevancy of STEM in non-STEM professions. Explore different creative careers, trades, and countless professions that wouldn't traditionally be labeled, "STEM," yet command a strong foundation in both math and science. Hear industry professio

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: All audiences

Session #: 2004

I Feel the Need to Succeed...in SciencePresenter (s): **Melissa Rowe, Chris Tallent**

Location: 203 2:00-2:50

Brief Description: Are you trying to conduct fun, interactive science labs & demos on a budget? No problem, let US help YOU!!! Come experience cool & money-saving labs & demos.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Middle (6-8),High (9-12)

Session #: 173

Georgia Bio: Increasing Equitable Access to Science to Inspire the Future Life Science WorkforcePresenter (s): **Megan Heaphy, Britt Denier-Cantrell**

Location: 212 2:00-2:50

Brief Description: Participants will perform a pipetting lab and explore the resources offered by Georgia Bio's Rural Teacher Training Initiative and Equipment Depot including equipment borrowing options.

Conference Strand: Understanding the Link Between Science Advocacy and Cultural, Social and Gender Issues in Science

Audience: Middle (6-8),High (9-12)

Exhibitor/Sponsor: Georgia Bio

Session #: 102



Building Science Knowledge and Literacy Simultaneously

Presenter (s): **Rachael Grillo**

Location: 201 2:00-2:50

Brief Description: Elevate science education: Learn to seamlessly intertwine scientific concepts with literacy skills, fostering a dynamic and enriched learning environment for students in every classroom.

Conference Strand: The Link Between Science and Literacy

Audience: Middle (6-8),High (9-12),All Grades (K-12),Pre-service/Early Career Teachers

Session #: 17

Igniting Curiosity and Allowing Wonder

Presenter (s): **Dr. Charlene Woodham Brickman**

Location: 210 2:00-2:50

Brief Description: In the fast-paced world of academia, we teach and yet students far too often lose their innate curiosity. Why? Because we don't allow them the luxury of wonder. Join us as we discover the power of finding small teachable moments.

Conference Strand: Linking Science and Informal Settings

Audience: All Grades (K-12)

Session #: 2013

The Living Building: Sustainable Design and STEM

Presenter (s): **Sabrina Grossman, Heidi Turcotte, Julie Eidson**

Location: Sycamore B 2:00-2:50

Brief Description: Are you ready to explore the Southeast's greenest classroom? Join us to discover how the Living Building on Georgia Tech's campus can function as a sustainable STEM laboratory to teach Middle School Science

Conference Strand: Linking Science and Informal Settings

Audience: Upper Elementary (3-5),Middle (6-8),High (9-12)

Session #: 49

Making Sense of Phenomena Using the SEPs

Presenter (s): **Zoe Evans**

Location: 209 2:00-2:50

Brief Description: Support your students as they make sense of real world phenomena using the SEPs.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Middle (6-8)

Session #: 119

Literacy Strategies in Science and Engineering principles to increase student achievement

Presenter (s): **Suneetha Panda, Jennifer Tillery**

Location: Sycamore D 2:00-2:50

Brief Description: One-Pager tool to create and develop instructor skills for guiding students through authentic, open-ended research, while developing sufficient autonomy to modify or expand research-based science teaching by developing models, solutions to problems

Conference Strand: The Link Between Science and Literacy

Audience: Lower Elementary (K-2),All Grades (K-12)

Session #: 94

Driving Student Growth with Standards Based Grading

Presenter (s): **Michael Kelly**

Location: 207 3:00-3:50

Brief Description: Learn how communicating student progress with standards-based grading can improve achievement and drive student growth for all learners in science.

Conference Strand: Linking Research and Best Practices

Audience: All Grades (K-12)

Session #: 1000

We are asking presenters to please submit any shared materials using this link:

https://bit.ly/GSTA24_Presenters

Attendees may access shared session materials using this link: https://bit.ly/GSTA24_Materials



Using Case Studies for Forensic Content Literacy

Presenter (s): **Bethany Lynn Hayes**

Location: 203 3:00-3:50

Brief Description: Reading and writing in science does not have to be complicated but it should have a wow factor.

Conference Strand: The Link Between Science and Literacy

Audience: High (9-12)

Session #: 178

Actionable Norms for Effective Groupwork

Presenter (s): **Anna Monteiro**

Location: 202 3:00-3:50

Brief Description: Learn about a strategy that can shift how students engage in groupwork. Use Actionable Norms to shift learning values and redefine what "smart" looks like.

Conference Strand: Understanding the Link Between Science Advocacy and Cultural, Social and Gender Issues in Science

Audience: Supervisor/Leadership

Session #: 188

Generation Skeptics

Presenter (s): **Patti Howell**

Location: 201 3:00-3:50

Brief Description: The Generation Skeptics curriculum develops science and literacy through inquiry-based learning. We provide material to complement and enhance existing science and educational programs.

Conference Strand: The Link Between Science and Literacy

Audience:

Exhibitor/Sponsor: Generation Skeptics

Session #: 35

Explore Georgia's Fossils with Tellus Science Museum

Presenter (s): **Hannah Eisla**

Location: 208 3:00-3:50

Brief Description: Join Tellus Science Museum for a chat with take-home materials about Georgia's fossils and connecting students to the wonders around them in our state.

Conference Strand: Linking Science and Informal Settings

Audience: All Grades (K-12)

Exhibitor/Sponsor: Tellus Science Museum

Session #: 74

STEAM Engine Collaboration/Transference of knowledge

Presenter (s): **Belynda Songer**

Location: 205 3:00-3:50

Brief Description: Easy planning between core subjects equals student background knowledge from one period to the next.

Conference Strand: Linking Research and Best Practices

Audience: All Audiences

Session #: 156

Sickle Cell Genetics: Using gel electrophoresis to investigate inheritance

Presenter (s): **Ally Huang**

Location: 206 3:00-3:50

Brief Description: Help a fictional family obtain a molecular diagnosis using gel electrophoresis. See how this activity can be used in middle school sciences to AP Biology!

Conference Strand: Linking Research and Best Practices

Audience: Middle (6-8), High (9-12), Advanced High (AP/IB), College

Exhibitor/Sponsor: miniPCR bio

Session #: 164

New level of 3D learning to underrepresented high schoolers.

Presenter (s): **Lauren Richardson, Hui Jin**

Location: Sycamore D 3:00-3:50

Brief Description: Three exciting ways to engage your students in 3D learning.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: High (9-12)

Session #: 114



From Sparks to Solutions: Brainstorming the Engineering Way

Presenter (s): **Kristen Rillieux**

Location: 210 3:00-3:50

Brief Description: Emphasizing engineering's process over product, our program immerses kids in real problem-solving. We foster creativity through hands-on challenges, guiding iteration, evaluation, and revision for authentic engineering experiences.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Middle (6-8)

Exhibitor/Sponsor: BrainPOP Science

Session #: 91

**Promoting Argument-Driven Explanation in Earth & Environmental Science**

Presenter (s): **Lorraine Ramirez Villarin, Derek Piper, Victoria Hunter, Maggie Lewis**

Location: 209 3:00-3:50

Brief Description: Learn how middle and high school students engage with argument-driven socioscientific scaffolds for Earth and Environmental science while interconnecting with Social Studies and Language Arts standards.

Conference Strand: Students' Science Journey Linked to 3D Learning

Audience: Middle (6-8), High (9-12)

Session #: 153

What Your Students Should Know About Climate Science

Presenter (s): **Frank Lock**

Location: Sycamore A 3:00-3:50

Brief Description: By participating in this presentation teachers will have free access to lessons that can be used with students in grades six through twelve.

Conference Strand: Understanding the Link Between Science Advocacy and Cultural, Social and Gender Issues in Science

Audience: Middle (6-8), High (9-12)

Session #: 71

Science of Reading Scores for Teachers and Leaders

Presenter (s): **Judie Beccaro, Janetta Greenwood**

Location: Sycamore C 3:00-3:50

Brief Description: Unlocking Literacy through Science: The Power of Background Knowledge in Reading Achievement. Explore the link between science education and reading success and how you can advocate for science in elementary.

Conference Strand: The Link Between Science and Literacy

Audience: Lower Elementary (K-2), Upper Elementary (3-5), Supervisor/Leadership

Session #: 159

School Yard Science: How Birds, Bees, & Butterflies bring Reading & Writing to Life.

Presenter (s): **Dr. Steve Rich**

Location: 212 3:00-3:50

Brief Description: Discover the school yard as the ultimate informal setting! Explore it's living creatures with children's books, writing prompts, & this author's journey. Free Seeds!

Conference Strand: Linking Science and Informal Settings

Audience: Lower Elementary (K-2), Upper Elementary (3-5), Middle (6-8)

Session #: 54

****Please use @GSTANews to tag GSTA and use #GSTA2024 to share great pictures and experiences from GSTA 2024! We would love to see everyone's memories.**



2024 GSTA Conference Exhibitors

<u>Booth</u>	<u>Exhibitor</u>	<u>Website</u>
3	3d Molecular Designs	www.3dmoleculardesigns.com
11	Activate Learning	https://activatelearning.com/
50	Biozone	https://biozone.com/
14	BrainPop Science	https://www.brainpop.com/science
28	Capital Microscope Services, Inc.	www.capitalmicroscopeservices.com
2	Carolina	www.carolina.com
49	Center for Education Integrating Science, Mathematics and Computing (CEISMC)	https://ceismc.gatech.edu/
16	Coca-Cola Space Science Center	www.ccssc.org
52	Discovery Education	https://www.discoveryeducation.com/
43	Explore Learning	https://www.explorelearning.com
39	Fernbank Museum	https://www.fernbankmuseum.org/
46	Georgia 4-H	https://georgia4h.org/
41	Georgia Aquarium	www.georgiaaquarium.org/learn
31	Georgia Association of Marine Education	https://gaome.wildapricot.org/
5	Georgia Bio	https://gabio.org/georgia-bioed/
24	Georgia College and State University	https://www.gcsu.edu/education
17	Georgia Mineral Society	www.gaminerall.org
32-33	Georgia Project Learning Tree	https://www.plt.org/
	Georgia Project WET and WILD	https://projectwet.georgia.gov/ https://georgiawildlife.com/projectwild
12	Georgia Public Broadcasting (GPB)	https://www.gpb.org/education
47	Georgia Science Olympiad	https://www.georgiascioly.org/
18	Georgia State University	https://education.gsu.edu/mse/
1	Georgia Youth Science and Technology Centers (GYSTC)	www.gystc.org
40	Green Power EMC	www.greenpoweremc.com
34-36	GSTA Store	https://www.georgiascienceteacher.org/
8-9	hand2mind	www.hand2mind.com
26	HHMI BioInteractive	https://www.biointeractive.org/
10	Kennesaw State University	https://bagwell.kennesaw.edu/
21	Knowles Teacher Initiative	www.knowlesteachers.org
48	Kognity	www.kognity.com
29	Lab-Aids	www.lab-aids.com
44	Learning A-Z	www.learninga-z.com
15	Legends of Learning	https://legendsoflearning.com/
25	McGraw Hill	https://www.mheducation.com/
20	miniPCR bio	https://www.minipcr.com/
6	National Geographic Learning/Cengage	www.NGL.Cengage.com
7	Okefenokee RESA	www.okeswamp.org
42	PASCO	https://www.pasco.com/
51	Pitsco Education	www.pitsco.com
30	Produce'd	www.producedforall.com
38	Safeguard	www.formaxprinting.com
13	Sargent Welch	www.sargentwelch.com
4	Savvas Learning Company	www.Savvas.com
37	Scaly Adventures	https://scalyadventures.com/
27	Southeastern Nanotechnology Infrastructure Corridor (SENIC)	https://senic.gatech.edu/
45	Tellus Science Museum	www.tellusmuseum.org
22	University of Georgia	https://coe.uga.edu/
23	Visible Body	https://www.visiblebody.com/
13	Ward's Science	www.wardsci.com
19	WorldStrides	https://worldstrides.com/

Exhibitors Map-South Exhibit Hall

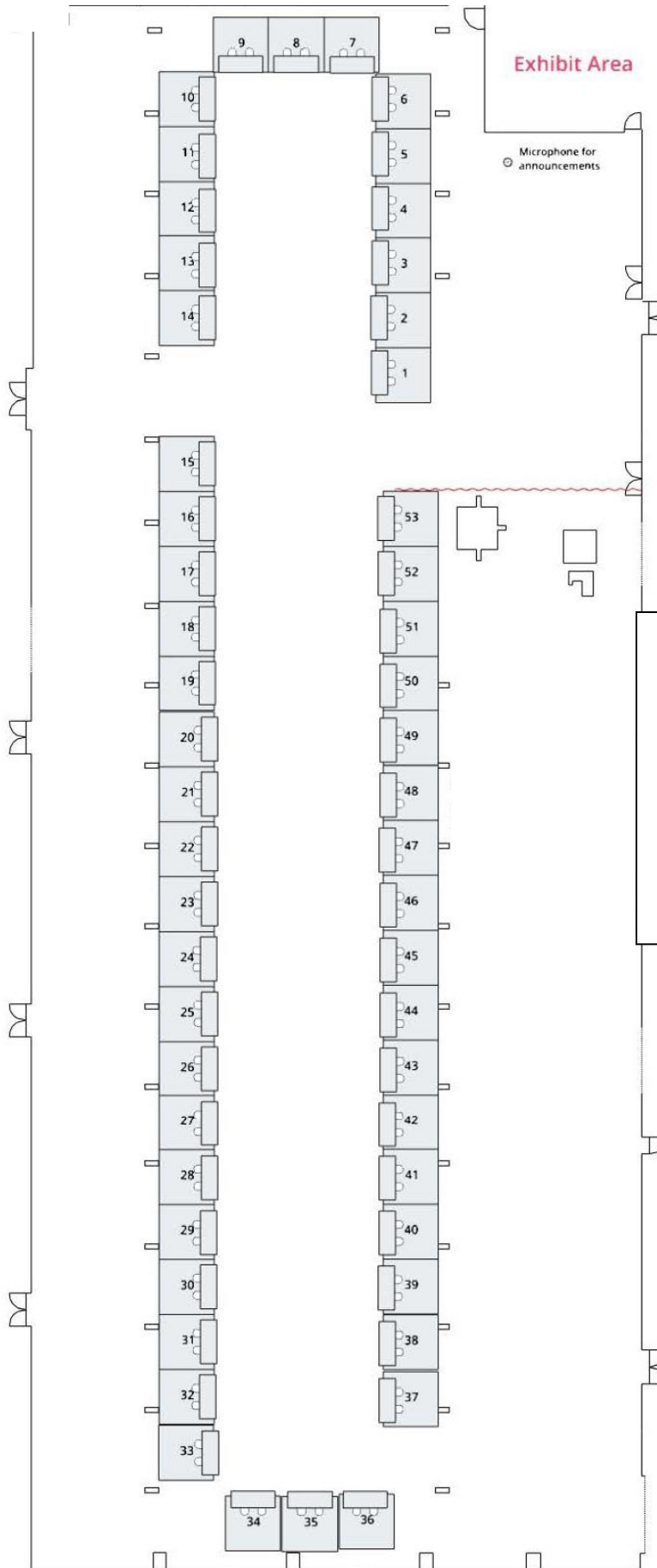


Exhibit Hall Hours

Thursday
8:00am – 5:00pm

Friday
8:00am – 4:30pm

Door Prize Giveaway
(must be present to win)
4:00 – 4:30pm

Planner

Thursday Planner

Time	Room #	Session
5:30 -7:30 P.M.		District Meet & Greet @ Coca-Cola Space Center 😊

Friday Planner

Time	Room #	Session
4:00-4:30		Exhibit Hall Door Prize Give Away! Must be Present to Win!
5:00 P.M.		Drive Home Safely and Plan on attending the 2025 GSTA Conference! 😊

Scan this for a virtual tour or map of the Columbus Conference Center.

[Virtual Tour – Columbus Convention and Trade Center \(columbustradecenter.com\)](http://columbustradecenter.com)



