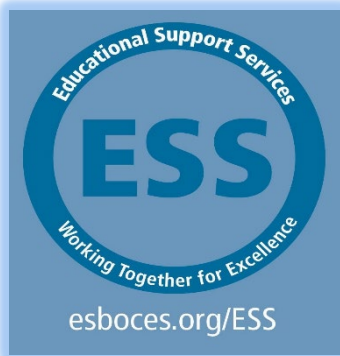


THE ESSENTIALS

Enhancing Education with Educational Support Services



Dear Educators and Administrators,

In our collective pursuit of providing a comprehensive education, it is essential that we not only integrate the dynamic realms of STEAM (Science, Technology, Engineering, Arts, Mathematics) and artificial intelligence (AI) into our curriculum, but also prioritize the education of our students as digital citizens. The incorporation of these critical components not only fosters critical thinking, creativity, and technological fluency but also equips our students with the necessary tools to navigate the digital landscape responsibly. In today's interconnected world, educating our students on the importance of being responsible digital citizens is essential.

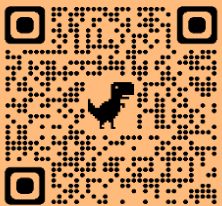
I implore each of you to delve into the STEAM resources featured in our December/January ESSentials newsletter. These resources offer valuable insights and practical strategies on how to cultivate a generation of responsible digital leaders, equipped with the knowledge and skills to make informed and ethical decisions in the digital realm.

Let us work together to shape a learning environment that not only fosters academic excellence but also nurtures a generation of empathetic, responsible, and technologically proficient individuals ready to thrive in the digital era.

Warm regards,

Kate Davern, Director of Educational Support Services at Eastern Suffolk BOCES

SCAN HERE
TO REGISTER!



★ EVENT SPOTLIGHT ★



MARCH 27, 2024
8:00AM – 2:30PM
ISC @ SEQUOYA
HOLTSVILLE

ARTIFICIAL INTELLIGENCE CONFERENCE **AI Educate – Empowering the Future of Learning** **Featuring Keynote Speaker Dr. Bill Daggett**

Join us for this full-day in-person conference and explore the possibilities for how artificial intelligence can augment and support teaching and learning! Dr. Bill Daggett will provide a riveting and engaging presentation, The Future of Artificial Intelligence and Its Implications for Education, with additional sessions throughout the day with other AI experts.

Learn more about Dr. Bill Daggett on the following page

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THE FOCUS: ARTIFICIAL INTELLIGENCE and STEAM

Embracing the transformative power of Artificial Intelligence (AI) within the realm of education and how it enriches the STEAM (Science, Technology, Engineering, Arts, and Mathematics) framework by fostering innovative learning experiences. Integrating AI technologies into education not only cultivates a deeper understanding of complex subjects but also nurtures critical thinking, problem-solving, and creativity.

PROFESSIONAL DEVELOPMENT: AI CONSULTANT SPOTLIGHT



Dr. Bill Daggett is the founder of both the Successful Practices Network and the International Center for Leadership in Education. He recently co-chaired the AASA LEARNING 2025: National Commission for Student-Centered, Equity-Focused, Future-Driven Education and is now leading the National Demonstration Network for AASA. Dr. Daggett is recognized worldwide for his proven ability to move preK-12 education systems towards more rigorous and relevant skills and knowledge for all students. For 30 years, he has crisscrossed our nation, as well as the industrialized world, to lead school reform efforts to effectively prepare students for their future. While an avid supporter of public education, he also challenges all of us to be more focused on our children's future than on maintaining the schools of our youth. His insights and leadership have caused nearly every major education association in the country, hundreds of school districts, numerous political and business leaders, publishers, and others to seek out his advice and guidance.



Andrea Kellman-Bryan has dedicated her career and services to education. She is a New York State certified English educator with over twenty years of classroom experience spanning from Albany County, Rockland County to Suffolk County on Long Island. Her long-standing need to hone her craft, inside and outside of the classroom, created a strong desire in her to exemplify strong tenets of education leadership through professional development. Subsequently, Ms. Kellman-Bryan focuses her professional development primarily on artificial intelligence in education because she believes that educators have the responsibility to be at the helm of the vast changes Artificial Intelligence brings with it.



Mubina Schroeder, Ph.D., is an Associate Professor in the School of Education and Human Services at Molloy University. Dr. Schroeder teaches graduate and doctoral-level courses in cognitive sciences, science pedagogy, and educational technology. She has her educational training in neuroscience, cognitive sciences, and pedagogy, and has worked on research projects with Dr. Carol Dweck's Brainology initiative, United States Department of Energy, New York University, and the Federal Reserve Bank of New York. She is the recipient of the *New York Times* Teachers Who Make a Difference Award for her work as a New York City public school science teacher, and she was twice granted the Einstein Distinguished Educator Fellowship by the United States Department of Energy to research increasing engagement in science classrooms. Dr. Schroeder currently serves as a co-director of the Cognition and Learning Lab at Molloy University.

To inquire about future AI workshops, or to arrange in-district Professional Development, email pdteam@esboces.org





ARTS-IN-EDUCATION



Contact artsined@esboces.org for more info on STEAM programs, or scan the QR code to access the webpage where you will find their entire catalog of programs, artists and activities.



TOWER GARDEN / SCHOOL SEEDS – LETY ALGERI

The Tower Garden is a vertical aeroponic gardening system designed for indoor growing. There is a huge problem-solving component from the moment students are introduced to the Tower Garden. The project begins with a box. Your students, by working together using STEM principles, turn the box into a living Tower Garden. And that's just the beginning! As the project blossoms, students incorporate science, math, ELA, social studies, current societal issues, technology, the use of various computer software programs, family consumer science, and the understanding of the importance of healthy eating skills. This program includes teamwork, confidence, enthusiasm, and critical thinking that are priceless in the development of a child. Students experience real-life learning while meeting New York State Learning Standards.



MAD SCIENCE OF LI

Mad Science programs can be adapted to your school curriculum to promote an inquiry-based learning environment. The program is hands-on and covers different science topics including electricity, magnetism, optics, biology and more. For over 30 years, Mad Science has focused on designing experiments that resonate with kids.



Brookhaven National Laboratory provides opportunities to drive excitement for K-12 students and educators in science, technology, engineering and mathematics (STEM / STEAM) by exploring Brookhaven Lab's research initiatives.



EXTENDED DAY ENRICHMENT

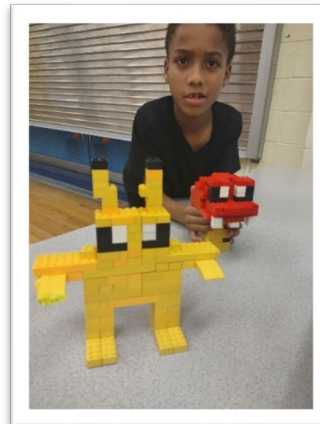
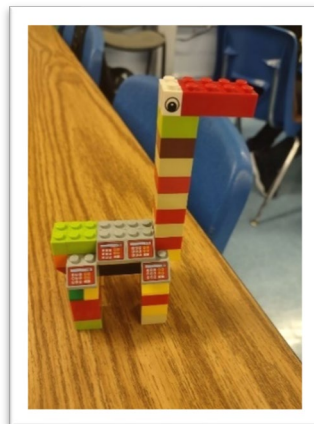
Contact schoolyearenrichment@esboces.org for more info.



LEGO CLUB



Students at Terryville Road Elementary School in the Comsewogue School District are participating in the Lego STEM club and created some amazing structures. Their teacher, Jack Conte, has been using STEM to teach building and construction, engineering, and animals and their habitats.

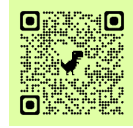


TREASURES OF THE TROPICAL RAINFOREST

Students at Ruth C. Kinney elementary school in the East Islip School District participated in the Treasures of the Tropical Rainforest through Arts-In-Education. Through this presentation students were shown live rainforest animals, and a treasure trove of products, they also learned the importance of one of the most diverse places on earth. They were also shown a python, a tree frog, a tarantula, a hissing cockroach, and more.



SCHOOL LIBRARY SYSTEM



If you have any questions, please contact your **local school librarian** or Carl Vitevitch, the Eastern Suffolk BOCES School Library System Administrative Coordinator, at (631) 286-0891 or at cvitevit@esboces.org.

Database trials on the Virtual Reference Collection (VRC)

ELEMENTARY



Explore amazing adventures in science, nature, culture, archaeology, and space.
Best for children aged 6–14.

MIDDLE SCHOOL



More than 1,500 of the most-studied primary source documents from U.S. and world history, accompanied by in-depth commentary and analysis from experts, and supported with essay questions, quizzes, and supplemental text.

HIGH SCHOOL






Makes economics and personal finance easy to understand and highly engaging. Articles explore macro-, micro-, and global economics as well as personal and household finance. Users will learn to manage credit and debt, save and invest with confidence, plan for college and retirement, and avoid fraud and scams.

WORDS OF GRATITUDE: EDUCATIONAL SUPPORT SERVICES SHINE






Arts-In-Education

-  "My class found this a fun and exciting assembly."
-  "Students were engaged throughout the performance. They were able to see science in action. It was fun and memorable!"
-  "A very positive and exciting experience for our students. The presenter was excellent!"

Third Party Assessments

"The information presented in this session opened my eyes to differentiated instruction in ways that I have been wondering about for the past 3 years. This was EXTREMELY helpful and will completely change my classroom instruction." – praise for an i-Ready workshop provided by Sarah Springer, Senior Office Applications Specialist

School Library System

-  "SLS is a great resource!"
-  "Always helpful, knowledgeable, and friendly!"
-  "I'm always amazed when I call or need something how quickly they are to act and help."

SUPPORTING OUR SCHOOLS LONG ISLAND TECHNOLOGY AND EDUCATION SUMMIT



Check out more highlights on Twitter: [@litechsummit](https://twitter.com/litechsummit)



ESBOCES' Educational Technology Coach, Jenna Reda, details how to creatively employ [@Bitmoji](https://www.bitmoji.com/classroom/) Classroom and [@DiscoveryEdu](https://www.discoveryedu.com/) tools in the classroom.



What is digital story telling? ESBOCES' Educational Technology Coaches Nikki Frink-Martin and Jen Sauter show teachers how to utilize video to engage students [@litechsummit](https://twitter.com/litechsummit)



Corey Gordon from [@CDWCorp](https://www.cdwc.com/) talks about the history of AI and its place in K-12 public education in his keynote presentation.

DECEMBER 2023 EVENTS



CLICK THE EVENT TITLE TO VIEW DETAILS AND REGISTER ON FRONTLINE,
OR SCAN THE QR CODE TO ACCESS THE ENTIRE CATALOG.

START DATE	EVENT	PROGRAM
12/1	LILIE ONLINE: Bilingual Education - From Theory to Practice	Model Schools
12/1	LILIE ONLINE: Building Connections in the Post-Pandemic Classroom	Model Schools
12/1	LILIE ONLINE: New World Language Standards: Preparing Global Citizens	Model Schools
12/1	LILIE ONLINE: Supporting Students with ADHD	Model Schools
12/1	LILIE ONLINE: Teacher Rescue: Preventing and Reversing Burnout	Model Schools
12/1	LILIE ONLINE: The Dyslexic Mind	Model Schools
12/1	LILIE ONLINE: The Self Driven Learner and Motivational Strategies	Model Schools
12/1	Supporting the Transference of Phonics Skills: Small Group Work and Decodable Texts Presented by Lauren Kolbeck	Professional Development
12/1	Library Leadership Academy: Hackersjack	School Library System
12/4	Library Leadership Academy: Discovery Education Bootcamp	School Library System
12/4	Aimsweb Plus Fall User Meeting	Third Party Assessment
12/6	Methods of Engaging Multilingual Learners through a Culturally Responsive Lens - Grades 6-12 Presented by Lizette Roman	Professional Development
12/7	Flipping your Classroom with Screencastify	Model Schools
12/8	Math K-5: Number Operations - Base 10 Presented by Nicolle Santaromita	Professional Development
12/11	Using Social Media to Influence Digital Citizenship	Model Schools
12/12	Understanding Self-Injury and Building Resiliency Presented by Laura Campbell	Professional Development

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START DATE	EVENT	PROGRAM
12/13	Ready, Set, Go NYSSLS in the Chemistry Classroom Presented by Kathleen Dinota	Professional Development
12/13	Liaison Meeting	School Library System
12/13	SLS Council Meeting	School Library System
12/14	Kami	Model Schools
12/14	Preventing the Meltdown: Understanding Environmental Factors Affecting Behavior Presented by Michelle Levy	Professional Development
12/14	Transgender, Gender Non-Conforming, and Non Binary (TGNCNB) Experiences (T201) Presented by LGBT Network	Professional Development
12/14	i-Ready New Teacher Training	Third Party Assessment
12/18	Library Leadership Academy: Britannica and Culturally Responsive Instruction for Every Library	School Library System
12/19	Exploring the New Vision for NYSSLS Science Assessments Presented by Glen Cochrane	Professional Development
12/20	PEACE Critical Community of Practice (CCoP) December- Focus on CCCR and preparing to start projects	Arts-in-Education

JANUARY 2024 EVENTS

CLICK THE EVENT TITLE TO VIEW DETAILS AND REGISTER ON FRONTLINE,
OR SCAN THE QR CODE TO ACCESS THE ENTIRE CATALOG.



START DATE	EVENT	PROGRAM
1/1	LILIE ONLINE: Aspiring Educational Leaders and Administrators	Model Schools
1/1	LILIE Online: Encouraging Mindfulness into Today's Classroom	Model Schools
1/1	LILIE ONLINE: Engaging K-12 Learners Through Gamification	Model Schools
1/1	LILIE ONLINE: Enriching the ENL Experience	Model Schools

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START DATE	EVENT	PROGRAM
1/1	<u>LILIE ONLINE: Mental Health in the Classroom</u>	Model Schools
1/1	<u>LILIE ONLINE: Response to Trauma - Informed Instruction</u>	Model Schools
1/1	<u>LILIE Online: Supporting and Empowering the LGBTQ+ Student: Using SEL to Create Community</u>	Model Schools
1/4	<u>Library Leadership Academy: SAFARI Montage Training for Current Subscribers</u>	School Library System
1/4	<u>i-Ready New Teacher Training</u>	Third Party Assessment
1/5	<u>Library Leadership Academy: SAFARI Montage Overview for Non-Subscribers</u>	School Library System
1/8	<u>Inclusion & Effective Co-Teaching: What Administrators Need to Know Presented by Lakretz Creative Support Services</u>	Professional Development
1/8	<u>Preparing Students for the New Biology Regents Exam: Transitioning Regents Biology Courses to the Three-Dimensions of the NYSSLS Presented by Glen Cochrane</u>	Professional Development
1/9	<u>ACE Interface Master Trainer Education and Toolkit Building Self-Healing Communities Presented by ACE Interface</u>	Professional Development
1/9	<u>Embedding Academic Vocabulary in Reading Lessons across the Year, Grades 3-6 Presented by Deborah Linscott-Feinstein</u>	Professional Development
1/10	<u>Get Organized and Stay Organized with Google Tools</u>	Model Schools
1/10	<u>Getting the Most Out of Using Google Forms</u>	Model Schools
1/10	<u>Create Engaging Lessons Through Visual Storytelling</u>	Model Schools
1/10	<u>Library Leadership Academy: Innovate, Integrate, Lead: School Librarians at the Forefront of the AI Revolution</u>	School Library System
1/11	<u>Math K-5: Number Operations - Fractions Presented by Nicolle Santaromita</u>	Professional Development
1/11	<u>Specially Designed Instruction: Putting the Special Back in Special Education Presented by Diane Ripple / Consulting That Makes A Difference</u>	Professional Development
1/16	<u>How to Incorporate 3D Printing into the Curriculum</u>	Model Schools
1/16	<u>Inspiring Educators to Discover the Potential of AI Using Office 365</u>	Model Schools
1/17	<u>PEACE Critical Community of Practice (CCoP) January - Engagement with projects - Documenting our practices</u>	Arts-in-Education

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START DATE	EVENT	PROGRAM
1/17	<u>Navigating the Ethics of AI in Education</u>	Model Schools
1/17	<u>Engage Learners with Digital Tools</u>	Model Schools
1/17	<u>Pairing SAMR & Google to Integrate Educational Technology More Meaningfully</u>	Model Schools
1/17	<u>Strategies to Assist ENL Students to Achieve Academic Success Presented by Pamela Solomon</u>	Professional Development
1/17	<u>Why Asian, Pacific Islander, & Desi American Curriculum Matters Presented by Samantha Chang</u>	Professional Development
1/18	<u>Math Talks Presented by Dr. Christine Pacinello</u>	Professional Development
1/18	<u>Resilient Leadership for High-Performing Teams, Seminar 2: Leading Productive Transformation (Change Management and Effective Meetings)</u>	Professional Development
1/18	<u>Library Leadership Academy: CQ Researcher</u>	School Library System
1/19	<u>Functional Behavior Assessment and Behavior Intervention Planning Presented by Michelle Levy</u>	Professional Development
1/19	<u>Writing About Reading Presented by Amy Benjamin</u>	Professional Development
1/22	<u>Curriculum Writing Collaborative Session 2: Selecting Priority Standards</u>	Curriculum Development
1/22	<u>Newsela: Empowering Educators for Student Success</u>	Model Schools
1/22	<u>Vocabulary in a SNAP! Minilessons That Pack a Punch (Elementary) Presented by Dr. Angela Peery</u>	Professional Development
1/23	<u>PEACE Project Professional Arts Development Series Special Topic 2 Workshop E STEAM® with Ann Annam</u>	Arts-In-Education
1/23	<u>Conferring with Writers and Creating Teaching Toolkits Presented by Lauren Kolbeck</u>	Professional Development
1/23	<u>Library Leadership Academy: Long Ball on Long Island</u>	School Library System
1/24	<u>Using Video for Digital Storytelling</u>	Model Schools
1/25	<u>PEACE Out #4 January: Billy Joel My Life- A Piano Man's Journey Private Tour</u>	Arts-In-Education
1/25	<u>Take a Look at the New Computer Science & Digital Fluency Standards</u>	Model Schools
1/25	<u>The Focused Mind Workshop Presented by Mark Marino</u>	Professional Development

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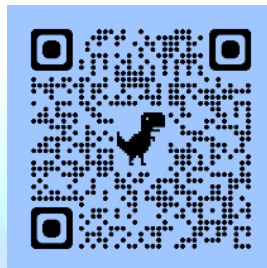
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START DATE	EVENT	PROGRAM
1/25	<u>The Science of Reading and Balanced Literacy Presented by Deborah Linscott-Feinstein and Lauren Kolbeck</u>	Professional Development
1/26	<u>Unpacking the NYSED Transgender and Gender Expansive Legal Update Presented by Dr. Nichelle Rivers</u>	Professional Development
1/29	<u>Diversity, Equity, and Inclusivity: Creating the "Beloved Community" Presented by Terri Watson</u>	Professional Development
1/29	<u>Integrating SEL into Lessons and Routines Presented by Jeffrey Benson</u>	Professional Development
1/30	<u>Engaging Lesson Ideas for Vocabulary, Reading, and Critical Thinking Presented by Linda Sommer</u>	Professional Development

FOR MORE INFORMATION ON ANY OF THE EVENTS LISTED ABOVE,
PLEASE USE THE COLOR-CODED KEY BELOW TO CONTACT EACH PROGRAM DIRECTLY.

PROGRAM	CONTACT
Arts-In-Education	artsined@esboces.org
Model Schools	mdps@esboces.org
Professional Development	pdteam@esboces.org
School Library Systems	slshelp@esboces.org
School Data Bank Services	sdb@esboces.org
Third Party Assessment	thirdpartyassessments@esboces.org

EDUCATION SUPPORT SERVICES DEPARTMENT WEBPAGE:



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www.esboces.org

Eastern Suffolk BOCES does not discriminate against any employee, student, applicant for employment, or candidate for enrollment on the basis of sex, gender, race, color, religion or creed, age, weight, national origin, marital status, disability, sexual orientation, gender identity or expression, transgender status, military or veteran status, domestic violence victim status, genetic predisposition or carrier status, or any other classification protected by Federal, State, or local law. ESBOCES also provides equal access to the Boy Scouts and other designated youth groups. Inquiries regarding the implementation of the above laws should be directed to either of the ESBOCES Civil Rights Compliance Officers at ComplianceOfficers@esboces.org: the Assistant Superintendent for Human Resources, 631-687-3029, or the Associate Superintendent for Educational Services, 631-687-3056, 201 Sunrise Highway, Patchogue, NY 11772. Inquiries may also be addressed to the Office for Civil Rights at the US Department of Education, 32 Old Slip, 26th Floor, New York, NY 10005, 646-428-3800, OCR.NewYork@ed.gov.