

Best Practices and Strategies for Teaching Coding in the Elementary Classroom

Audience: K-5 Educators

Dates: 2/26/2024 to 3/25/2024 (5 required virtual meetings from 5:00-5:30 pm)

Instructor: Laurie Berretta

Computational thinking and problem solving are important skills for all 21st century learners. Young learners can develop and strengthen these skills through computer programming, or coding. In this course, participants will explore a variety of digital and "unplugged" resources available to educators and their students at no cost. Additionally, participants will discover best practices and strategies to integrate coding into the classroom. This course aligns to the new K-12 Computer Science and Digital Fluency Learning Standards focusing on the concept area of Computational Thinking and is appropriate for all K-5 educators (no experience required). (15 CTLE hours)

Question Everything: Critical Thinking Across the Disciplines Using Scientific Research

Audience: Secondary Educators

Dates: 2/26/2024 to 3/18/2024 (2 required virtual meetings from 5:00 - 6:30 pm)

Instructor: Jacquelyn Murolo

This course explores the use of various types of scientific research to teach critical thinking skills in all academic subjects. Methods of evaluating the validity of published, peer-reviewed studies will be emphasized, with the same critical thinking skills having real-world application. The components of a research study will be reviewed, and a scaffolded approach students assessing studies will be presented. Participants will engage in digital discussions and complete activities that can be applied to their classrooms. Knowledge of science is not required. (15 CTLE hours)

Supporting At Risk Students Using Community Based Supports

Audience: K-12 Social Workers, Psychologists, Counselors

Dates: 2/27/2024 to 3/27/2024 (5 required virtual meetings from 4:30-6:00 pm)

Instructor: Chelsea Carson

This course is designed for school social workers, school psychologists, and school counselors, but is relevant for any school-based professional interested in learning more about available community based supports in Suffolk County. The course will provide an overview of current mental health and substance use supports accessible to our Suffolk County students, as well as how to access and leverage them for our K-12 students and families. The course will provide participants with an opportunity to share resources amongst one another. There will also be opportunities for anonymous case conferencing in which participants will be able to assist one another in problem solving for students in real-time. (15 CTLE hours)

Communication and Culture in the World Language Classroom

Audience: World Language Teachers

Dates: 2/28/2024 to 4/3/2024 (6 required virtual meetings from 4:00-5:30 pm)

Instructor: Daniela Casadei-Berwind

As teachers, we utilize technology to engage and to support students learning in a variety of ways. In this professional development, we will explore the best technological tools to develop lesson plans that are connected to the Anchor Standards of Communication for all languages. We will explore how to utilize technology to interpret learning material through the lenses of the three modes of communication (Interpretive, Interpersonal, Presentational) proposed by the Anchor Standard of Communication. In addition, we will use authentic material and address the Cultural Standard standard as well. (9 CTLE hours)

Everything Google

Audience: K-12 teachers

Dates: 2/28/2024 to 3/27/2024 (5 required meetings from 4:00-6:00 pm)

Instructor: Michelle Manning

Participants will learn "Everything Google" and how to use the Google applications to increase student participation, engagement, and communication. You can expect to learn the skills & tools for each platform and discuss curriculum integration starting with Google Classroom - such as email notifications, gradebook, plagiarism checker, and rubrics. Find out how Google Classroom integrates with your Google Drive and how to keep it in check! (15 CTLE Hours)

Digital Creation for ELLs

Audience: Any educator. No Prerequisite.

Dates: 2/28/2024 to 3/27/2024 (5 required virtual meetings from 6:30-7:00 pm)

Instructor: Greg Conley

This course will provide participants with different tools to enhance incorporation of language domains with technology. Primarily, we will use tools Adobe Cloud Express to create exemplars of potential future activities for your students. Adobe Cloud Express is a free tool for education organizations to create social media post images, videos, and webpages. These opportunities help English Language Learners create authentic works without necessarily being proficient in English. (15 CTLE hours)

trAI in your brAI n - All About AI (Artificial Intelligence)

Audience: All educators, K-12

Dates: 2/29/2024 to 3/28/2024 (5 required virtual meetings from 4:30-6:00 pm)

Instructor: Gina Varacchi

With all the buzz about ChatGPT and other Artificial Intelligence (AI), it is time for staff to experience exactly what ChatGPT and AI is all about. In this class, you will be introduced to the possibilities that AI can provide and the challenges that will be faced. Gain a solid understanding of AI vocabulary, tools within our technology platforms, responsible use, ethical considerations and how to apply AI to current teaching practices. You will end this week-long course with skills, confidence and understanding of AI. (15 CTLE hours)

Understanding and Responding to Suicide Risk in Schools

Audience: K-12 School Social Workers, School Psychologists, and School Counselors

Dates: 2/29/2024 to 3/22/2024 (4 required virtual meetings from 4:30-6:00 pm)

Instructor: Chelsea Carson

The content of this course may be sensitive to some. School Social Workers, School Psychologists, and School Counselors frequently assess safety risk in their students throughout the school year. This course will analyze the current data related to the very sensitive and serious topic of suicidality in K-12 students, and will explore best practices for responding to our most at-risk students experiencing a mental health crisis in the school setting. This course will also cover available Suffolk County resources that are specific to responding to mental health crisis situations. This course will also provide opportunities for case conferencing and will offer resources to prevent burnout. (15 CTLE hours)

Aligning the World Language Classroom with NYS Learning Standards

Audience: P-12 World Language Educators, Chairpeople and Supervisors

Dates: 3/4/2024 to 4/5/2024 (2 required virtual meetings from 4:00-4:30 pm)

Instructor: Kristyn Pellegrini

In this 5 week online course, participants will explore the 2021 NYS Learning Standards for World Languages. Participants will utilize backward design to align standards with Integrated Performance Assessments (I.P.A.). Participants will be able to identify Communication Standards and create Performance Tasks and rubrics with appropriate Proficiency Targets. Asynchronous work will be posted weekly, with two 30 minute virtual meetings

within the 5 weeks. (15 CTLE hours)

[eBook Study-Learners without Borders: New Learning Pathways for All Students](#)

Audience: All Educators

Dates: 3/4/2024 to 4/8/2024 (5 required virtual meetings from 4:00-5:00 pm)

Instructor: Maria Tsavos

Based on the book *Learners without Borders, New Learning Pathways for All Students* by Yong Zhao, professionals will dive into a book study thinking about the future of education and how students can be empowered "in a global learning ecosystem". Participants will analyze the traditional borders of education and decide if there is a need to shift thinking that may limit learning. This book will implore participants to "imagine a different kind of learning, without borders, and to begin the shifts in practice that will result in personalized learning for all students". An electronic copy of the book will be provided through our Gale eBook library.

(15 CTLE hours)

[Understanding the New Middle School Science Investigations](#)

Audience: middle school science teachers

Dates: 3/4/2024 to 3/25/2024 (4 required virtual meetings from 5:00-6:00 pm)

Instructor: Nicolette DeMartino

This course provides educators with a deep dive into each of the newly required middle school science investigations. We will go through the background content and instruction that should be covered with students before conducting the investigation as well as discuss the best practices for instructing and facilitating the investigation with students. (15 CTLE hours)

[eBook Study-Culturally Responsive Teaching for Multilingual Learners](#)

Audience: Classroom Teachers

Dates: 3/4/2024 to 4/10/2024 (2 required virtual meetings from 5:30-6:30 pm with 4 virtual office hours meetings)

Instructor: Marisa Femia

"Culturally Responsive Teaching for Multilingual Learners" is NOT just for English as a New Language (ENL) Teachers. It is a guide for ALL teachers who have students from different linguistic and cultural backgrounds in their classrooms. In their innovative book, Sydney Snyder and Diane Staehr Fenner share research-based tools, case studies, videos, and sketches to promote the success of Multilingual Learners in and out of the classroom. In this 8-week course, participants will keep a reflection journal where they will reflect on each chapter. Participants will collaborate through discussion questions on Google Classroom. Finally, participants will create a lesson plan focusing on the five principles of culturally responsive teaching. An electronic copy of the book will be provided through our Gale eBook library.

(45 CTLE hours)

[eBook Study-Reclaim Your Challenging Classroom](#)

Audience: K-12 Educators

Dates: 3/4/2024 to 3/20/2024 (2 required virtual meetings from 6:00-7:30 pm)

Instructor: Meredith Murolo

This book is geared toward both new and experienced teachers. The content focuses on developing effective classroom management skills and strategies specifically examining how to reach those students with emotional and behavioral disorders. In this book study, participants will explore ways in which they can create a positive classroom community where students thrive and learn to the best of their ability. It will empower teachers by providing tools to improve student behavior and managing their classrooms. The text also includes an assortment of self-assessments we will review and discuss how to utilize in order to improve instruction and classroom management. An electronic

copy of the book will be provided through our Gale eBook library. (15 CTLE hours)

Introduction to Removing Labels that Disrupt Student Learning

Audience: All Educators

Dates: 3/4/2024 to 4/8/2024 (5 required virtual meetings from 6:00-7:30 pm)

Instructor: Jonathan Tsavos

The objective of this course is to conduct a comprehensive analysis of the book, *Removing Labels: 40 Techniques to Disrupt Negative Expectations about Students and Schools*, written by Dominique Smith, Douglas Fisher, and Nancy Frey. The course is designed to use the main objectives of the book to help educators "interrupt the cycle caused by labeling students". We will review common assumptions, expectations, labels, conclusions, and judgements teachers and administrators sometimes make in their classrooms and schools. Additionally, we will explore methods that may be used to disrupt these cycles through building relationships with individual students in the classroom. An electronic copy of the book will be provided through our Gale eBook library. (15 CTLE hours)

Language Based Approach to Content Instruction

Audience: Teachers K-12

Dates: 3/4/2024 to 4/8/2024 (5 required virtual meetings from 7:00-8:00 pm)

Instructor: Maria Tsavos

As the population of English language learners continues to rise, teachers need to devise lessons to accommodate many diverse needs. LACI, or a Language Based Approach to Content Instruction, is a framework that has been developed to help classroom teachers in content area instruction and lesson plan creation. This research based framework focuses on the "6 C's" of language demands in classrooms with English language learners. These six principles are connection, culture, code-breaking, community and collaboration, challenge and classroom interactions. Within each principle comes elements of instructional strategies and activities to help culturally and linguistically diverse learners. While this framework is representative of good overall teaching, it is most specifically geared towards language acquisition for English language learners. (15 CTLE hours)

Spark Learning: Create NGSS STEM Inspired Science Lessons

Audience: K-8 Educators

Dates: 3/6/2024 to 4/17/2024 (5 required virtual meetings from 4:30-6:00 pm)

Instructor: Toni Gamils

STEM education is an excellent way to spark learning science engagingly. Research shows that STEM is an approach to learning that positively impacts student achievement and teacher efficacy. This course engages K-8 teachers in hands-on activities, investigations, data analysis, and productive, collegial talk, including collaboration and sharing practices. Participants will learn STEAM resources and meaningful activities to integrate concepts of Science, Technology, Engineering, and Mathematics. The class will explore the relevant Next Generation Learning Standards to provide a productive and exciting learning environment that prepares students for ongoing STEM interests. (15 CTLE hours)

Fill the Mold: Lesson Design Made Simple

Audience: K-12 Teachers

Dates: 3/6/2024 to 3/21/2024 (2 required virtual meetings from 6:00-7:00 pm)

Instructor: Joanne Seale

In this three-week / 15 hour course participants will explore the impact of 'lesson shells' also known as EduProtocols to build a teaching portfolio that can transition throughout content areas and grade levels. No more "reinventing the wheel" with every grade level change or curriculum initiative. Using simple, easy-to-follow steps, participants will learn how to incorporate building parameters for class activities that can be filled in by students independently or in group environments. Based on the books by Jon Corippo and Marlena Hebern, this teaching strategy will save teachers time and energy granting them the opportunity to provide more immediate feedback and guidance of their

student work. (15 CTLE hours)

eBook Study-Chart a New Course

Audience: K-12 Educators

Dates: 3/11/2024 to 4/29/2024 (1 required virtual meeting from 4:30-5:30 on 3/11/24 with 4 office hours meetings)

Instructor: Leslie Brophy

Chart a New Course is a book written by Rachelle Dene Poth who identifies the top skills students needed to succeed in the future. These skills are identified as: the ability to communicate, work in teams, think creatively, problem solve and design. This book shows educators how to help students develop essential skills needed through authentic, real-world learning experiences, building a pathway for the future of learning and work. This course will offer tools educators need to design more purposeful learning experiences to drive student engagement, promote creativity, model risk-taking and build classroom culture. Each module will explore digital tools and strategies, and offer clear examples, as educators create practical lessons that they can use in their classrooms. Each week you will read required chapters, participate in discussions, and complete challenges that can be applied to your classroom. An electronic copy of the book will be provided through our Gale eBook library. (45 CTLE hours)

Incorporating the NYS Computer Science Digital Fluency Standards Across the K12 Classroom

Audience: K-12

Dates: 3/11/2024 to 4/17/2024 (1 required virtual meeting from 5:30-6:30 on 3/11/24 and 4 office hours meetings)

Instructor: Leslie Brophy

The NYS Computer Science and Digital Fluency standards were adopted by the Board of Regents in 2020. These standards will ensure that every student knows how to live productively and safely in a technology-dominated world, including understanding the essential features of digital technologies, why and how they work, and how to communicate and create using those technologies. This course will explore these standards and how they can be incorporated into your subject area and grade levels. Lessons will be explored, created, and shared so you will have a toolbox of standard-aligned lessons that you can use in your classroom tomorrow. (45 CTLE hours)

The Best Edtech of 2024 (CS in the Arts)

Audience: All Educators

Dates: 3/12/2024 to 3/15/2024 (2 required virtual meetings from 4:30-6:00 pm)

Instructor: Timothy Needles

Remember circling toys in the catalog as a kid, this is the professional educator's version! We will explore the favorite creative educational technology of 2024 with a focus on computer science, creativity, innovation, and learning. This fast-paced, fun session highlights tools, projects, pros, and cons of tools like Artificial Intelligence, Animation, 3D printing, laser cutting, design, gamification, and how to infuse the new CS & DF standards into the arts. Attendees will leave this session with an understanding of great creative projects and tools to infuse the CS & DF standards into the arts or any creative project. (6 CTLE hours)

Understanding Loss & Grief in Youth

Audience: Teachers and Teacher assistants

Dates: 4/2/2024 to 4/19/2024

Instructor: Marisa Raptis

This online class will help educators get a better understanding of children who experience grief through loss; the stages of loss; types of loss; the changes that occur after loss. We will learn, as educators, how to create a supportive and empathetic learning environment that fosters trust among all students in the classroom (or office).

(15 CTLE hours)

[Making Meaningful Changes to Promote Science Inquiry: Transitioning to the NYS Science Learning Standards](#)

Audience: All Educators K-12

Dates: 4/29/2024 to 5/22/2024 (3 required virtual meetings from 6:00-7:00 pm)

Instructor: Christine Sanfratello

Out with the old and in with the new! Change is fastly approaching and it is time to start implementing meaningful changes into our science classrooms. The goal of the NYS Science Learning Standards is to reinvigorate science education at all levels, promote greater exploration, and better prepare students for careers in the 21st century. This course is meant to take the daunting and overwhelming tasks of this transition and turn them into possible and inspiring opportunities for our students and ourselves! This course will explore meaningful phenomena, examine Crosscutting Concepts, and strategize the implementation of Science and Engineering Practices. (15 CTLE hours)

[Strengthening Character through Service Learning](#)

Audience: School counselors, social workers, classroom teachers, support staff

Dates: 4/29/2024 to 5/24/2024 (3 required virtual meetings from 6:30-7:30 pm)

Instructor: Jamie Adamski

The purpose of this course is to assist teachers, counselors, support staff, etc. with integrating Service Learning into their school environments. Educators will be able to identify the need for Service Learning and how its benefits may be felt throughout the school and greater community. (15 CTLE hours)

[Implementing SEL at the Elementary level](#)

Audience: Elementary teachers, counselors, social workers, school psychologists, etc.

Dates: 4/30/2024 to 5/28/2024 (3 required virtual meetings from 7:30-8:00 pm)

Instructor: Leia Woodruff

Participants in this course will develop a SEL tool kit for direct implementation in their classrooms highlighting topics and lessons aligned with New York State learning goals for Social Emotional Learning. We will explore a different CASEL core competency: self-awareness, self-management, social awareness, relationship skills, and responsible decision-making each week. (15 CTLE hours)

[Think Inside the Box - How Strategic Games Relate to Computer Science & Digital Fluency Standards](#)

Audience: All Educators, grades K-12

Dates: 5/1/2024 to 5/29/2024 (2 required in person meetings at Ward Melville HS in Setauket and 3 virtual meetings from 4:30-6:00 pm)

Instructor: Gina Varacchi

Strategic games and board games can offer fun and engaging ways to teach Social Emotional Learning skills and incorporate Computer Science and Digital Fluency Skills. Take part in hands-on activities, foster a deeper knowledge of the standards and identify ways to incorporate the skills your students develop across all curriculum areas. (15 CTLE hours)

[The Hidden Culture of Female Aggression](#)

Audience: K-12 Teachers

Dates: 5/6/2024 to 5/22/2024 (3 required virtual meetings from 4:30-6:00 pm)

Instructor: Dr. Nancy Murolo

The instructor will guide participants through the hidden culture of female aggression and steps educators can take to reduce these behaviors in our students. Relational aggression can take on many different forms, both verbal and nonverbal, and they can vary depending on the individual perpetrating the aggression as well as the culture in which

it is occurring.
(15 CTLE hours)