# Transforming Instruction through the Integration of Digital Resources

## Workshop Overview

The World Wide Web, which emerged over three decades ago, primarily served as a platform for delivering information, where website owners created content for passive viewing. However, the contemporary web, propelled by technological advancements, has evolved into a dynamic space characterized by collaboration and user interactivity. The prevalent culture of collaboration and information sharing online has become a norm. This participatory nature of the web has significantly intrigued educators, allowing students to actively engage in creating and sharing content, collaborating with peers, and collectively constructing knowledge using the same tools they commonly enjoy outside of the school setting.

This comprehensive three-credit, 45-hour course is designed to empower K-12 educators with the essential skills and knowledge to seamlessly integrate digital resources into their teaching practices. The course covers diverse aspects of incorporating digital resources into the teaching and learning environment. Initially, the focus is on establishing the foundation of a technology-enhanced classroom while developing the capacity to evaluate digital resources effectively. The course delves into the instructional affordances offered by digital resources, encompassing content consumption and creation, the cultivation of student creativity, collaboration strategies, and the implementation of effective feedback mechanisms. Additionally, the course explores the integration of emerging technologies, enabling educators to proactively stay ahead of the curve in the rapidly evolving digital age.

## Outcomes
During this workshop:
- Educators will explore the relationship between the ISTE standards and the inclusion of digital resources in classroom environments, leveraging this understanding to craft goals that will enhance their own teaching experiences.
- Educators will gain expertise in navigating and curating digital resources, ensuring safe and effective integration into the K-12 classroom.
- Educators will develop techniques to leverage digital resources for fostering critical consumption as well as student creativity, creating an environment where students actively contribute to the learning process through content creation.
- Educators will be able to identify and implement digital resources that foster connections both within and beyond the classroom walls, promoting a collaborative and interconnected learning community.

- Educators will acquire proficiency in using specific digital resources to provide timely, constructive feedback. Simultaneously, they will develop strategies for effectively gathering feedback from students, leveraging these insights to adapt instructional practices and create a highly responsive learning environment that enhances student learning outcomes and growth.
- Educators will reflect on the potential of emerging digital resources in their teaching practices, fostering an innovative and future-ready classroom environment.

<u>**Alignment to Standards**</u>

This workshop meets the standards for Content, Instructional Design, and Technology as defined in the National Standards of Quality for Online Courses, published by the Aurora Institute (iNACOL).

This workshop provides teachers with an opportunity to meet the Engage in Professional Growth and Leadership standard as defined in the <u>National Educational Technology Standards and Performance Indicators for Teachers</u>, published by the <u>International Society for Technology in Education</u> (ISTE). The Maryland Teacher Technology Standards (MTTS) provide the basis for the professional knowledge and skills teachers need to master to address the student learning needs.  The course participants will develop skills and understandings for the following MTTS standards:

- Access, evaluate, process and apply information efficiently and effectively.
- Use technology effectively and appropriately to interact electronically.
- Use technology to analyze problems and develop data-driven solutions for instructional and school improvement.
- Design, implement, and assess learning experiences that incorporate use of technology in a curriculum-related instructional activity to support understanding, inquiry, problem solving, communication and/or collaboration.
- Develop professional practices that support continual learning and professional growth in technology.

# Course Outline

## Session 1:  Digital Alchemy: Crafting the Foundations of Engaging Classrooms
***Guiding Question:***
*How do the characteristics of a technology-enhanced classroom synergize with digital resources and platforms to create captivating, inclusive teaching environments that elevate student learning?*
**Description:**
This session brings characteristics of a technology-enhanced classroom to life as we explore the "alchemy" or the transformative power of digital resources combined with pedagogical practice. Educators will explore the International Society of Technology in Education (ISTE) standards and related video models and evaluate how the blend of digital resources and platforms elevates student learning and engagement, setting the stage for a dynamic and engaging classroom experience.

## Session 2:  Digital Curation Mastery: Navigating the Landscape of K-12 Resources
***Guiding Question:***
*What role do digital resources play in the modern K-12 classroom, and how can educators adeptly select and integrate them, considering crucial factors for safe and effective instructional use?*
**Description:**
This session empowers the educator to embark on a journey of Digital Curation Mastery, where they will learn to navigate the vast landscape of K-12 digital resources. This session empowers educators to understand the pivotal role of digital resources in the modern classroom while adeptly selecting resources, considering crucial factors for safe, effective, and impactful instructional use.

**Session 3:  Digital Dynamo: Unleashing Student Creativity through Content Consumption and Creation**

*Guiding Question:*

*In what ways can educators leverage the capabilities of digital resources to not only engage students in content consumption but also empower them to actively create and contribute to the learning environment?*

**Description:**

This session provides the educator the opportunity to unlock the potential of a Digital Dynamo as educators explore innovative ways to unleash student creativity. This session goes beyond content consumption empowering the educator to discover strategies to empower students to actively create and contribute to the learning environment.

**Session 4:  Web Weaving: Fostering Collaboration Beyond Classroom Boundaries**

*Guiding Question:*

*How can digital resources serve as catalysts for collaboration, fostering connections not only within the classroom but also extending beyond its physical walls?*

**Description:**

This session will provide the educator the opportunity to dive into the art of Web Weaving as the educator explores digital resources that serve as catalysts for collaborative learning experiences. This session will delve into various digital tools and platforms that can be utilized to create a collaborative learning environment, encouraging students to connect with peers, experts, and communities outside their immediate surroundings.

**Session 5:  Feedback 2.0:  Transformative Insights Facilitated by the Digital Landscape**

*Guiding Question:*

*How can educators leverage digital tools to revolutionize the feedback process, providing timely, constructive insights that enhance student learning and growth?*

**Description:**

In this session, educators will explore the transformative potential of digital tools in revolutionizing the feedback process in education. We will delve into how these tools can provide timely, constructive insights that significantly enhance student learning and growth. The session will cover various digital resources and strategies, with a focus on effectively integrating these resources into their teaching practice to foster a more engaging and responsive learning environment.

**Session 6:  Navigating Tomorrow: Integrating Cutting-Edge Technologies into Today's Classroom**

*Guiding Question:*

*How can educators proactively embrace and integrate emerging technologies to not only stay ahead of the curve but also revolutionize their teaching practices for the benefit of student learning?*

**Description:**

In this session, educators will embark on a journey into the realm of emerging technologies reshaping the educational landscape. As technology evolves, educators must adapt to new tools and approaches that enhance the learning experience. This session will explore cutting-edge technologies and trends, empowering educators to consider these innovations for teacher efficiency and student engagement.