Teq is **approved by New York State** to provide Continuing Teacher and Leader Education (CTLE) courses that enable teachers and school leaders to maintain their NYS Teacher and Administrator Certifications. Similarly, Teq is an approved provider of professional development services in the states of Delaware, Montana, Massachusetts, Nevada, Wyoming, Pennsylvania and Texas. We also work in states that approve PD on a local district level such as California and New Jersey.

For a current list visit: [teq.com/state-approved](http://teq.com/state-approved)
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Welcome back to a new and exciting school year. As a former Superintendent of Schools, I know how exhilarating this time of year is for students, parents, teachers, administrators, and staff!

As you know, each school year provides opportunities for continued improvement, innovation, and growth. While reflecting on the strategies implemented last year, I am sure you have developed a plan to maintain the successful programs; modify the ineffective programs; and create new programs designed to achieve your educational goals.

Among the strategic initiatives you may be considering this school year might include:

- STEM and Robotics
- Project Based Learning
- Integrating Technology into Teaching and Learning
- Blended and Online Learning
- The Flipped Classroom
- Effective Strategies for Special Education and ELL/ENL Learners
- Mobile Assessments

If any of the above resonate with you, then Teq can help. I’m proud to say that “Teq is more than just SMART Boards!” As an educational partner, we can support you creating technology enriched classroom solutions that lead to improved teacher pedagogy, enhanced student engagement, and increased student achievement. We have excelled in providing professional learning opportunities on a wide range of topics, including everything from how to use common classroom tools like Google (G Suite), Microsoft, iPads, Chromebooks, to how to enhance your ELA, Math, STEM, Special Education, and ELL/ENL programs with the right technology and digital content. You name it, we can support it!

Renown for our Onsite and Online Professional Development, our PD has been approved by districts and states nationwide — New York (CTLE), Texas (CPE), Pennsylvania (Act 48), Delaware, Massachusetts, Arkansas, Montana, Nevada, and Wyoming to name a few. Teq’s dedicated PD Team, continues to enrich our PD offerings year after year. In this Professional Development Catalog, you can learn more about our latest PD opportunities for Teachers, Administrators and Clericals, our redesigned Teq Online PDTM platform, and our improved nOw Instructional SupportTM feature.

Finally, we have been working closely with school administrators to support their STEM initiatives, and to design Classroom Concepts that create collaborative learning environments. We established a STEM Advisory Committee, and have partnered with leading designers to determine the most effective ways to build innovative, active classrooms. Hopefully, we can discuss effective ways to improve the learning environments within your schools. Feel free to reach out to me at any time. To view our Classroom Concepts, please visit website teq.com.

Best wishes for a successful school year,

Robert-Wayne Harris
Chief Learning Officer
With our unique blend of more than 40 years experience, innovative product lines, and pedagogical expertise, Teq understands the 21st century classroom. Our professional development staff is structured into 3 focused teams: Curriculum Specialists, PD Specialists, and eLearning Specialists. Each member of our PD staff is a state-certified educator, here to teach you the best practices and techniques to leverage the latest teaching and learning resources.

From certifications and mentoring days to our state-of-the-art online professional development, we've designed our offerings to drive growth in four performance areas.

When you purchase Teq’s Professional Development, you purchase a team of subject and grade level experts that won’t offer you a “canned” PD approach.

### TEQ PD SOLUTIONS

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#### TEQ DIGITAL TEACHER CERTIFICATION

- ONSITE
- IN-CLASSROOM
- ONLINE

#### TEQ ONSITE PD (COACHING & MENTORING PLANS)

- ONSITE
- IN-CLASSROOM
- ONLINE

#### TEQ CERTIFICATION PLUS

- ONSITE
- IN-CLASSROOM
- ONLINE

#### TEQ ONLINE PD & ONLINE DIGITAL TEACHER CERT

- ONLINE

#### TEQ BLENDED LEARNING SOLUTION

- ONLINE
- 1:1
How we structure our PD offerings

Our programs drive teacher effectiveness, increase student achievement, and support a standards-aligned curriculum. In every instance, we follow a four-step process:

1. **Plan**
   - Our state-certified Curriculum Specialists meet with you and your staff to create a personalized plan, tailored to the needs of your school or district.

2. **Coach & Mentor**
   - Our PD Specialists meet with teachers for a lesson overview and demonstrate best practices and techniques in your teachers’ classrooms.

3. **Practice**
   - Your teachers implement their new skills into daily classroom instruction under the guidance of our PD Specialists.

4. **Refine**
   - Through 1:1 meetings, our team meets with your staff members to fine-tune their new teaching strategies and further align to standards.
Curriculum Writing Projects

Many textbook publishers provide interactive materials as a value-add to the bundles of content districts purchase. Although these extra materials can be great supplements, Publishers aren’t interactive whiteboard specialists. Teq has a dedicated team of Curriculum Specialists who research, plan, and write interactive content for many subjects and grade levels. We have experience in managing all phases of content development, from initial planning through production, finishing with delivery of content in user-friendly formats.

Starting with the evaluation of existing content, curriculum, or procedures, we can work with your staff or independently to build interactive instructional content. All materials we develop are specific to the technology available within your district and classrooms.
Blended Learning

The Best PD Model Is a Blended PD Learning Solution

Blended learning combines face-to-face learning with eLearning. While most of the attention has focused on the impact on students and academic performance, Teq has designed a blended learning solution that impacts teachers and school leaders as educational professionals. By delivering Onsite Professional Development and supporting the experience with live and archived Online Professional Development, our Blended PD Model:

- Creates a personalized professional learning experience, allowing for growth in specific performance areas and skillsets at their own pace
- Provides the opportunity for deeper learning
- Increases peer-to-peer collaboration and feedback
- Gives educators greater flexibility, freedom, and convenience
- Creates a 21st century learning model that can be replicated in the classroom

Teq Essentials

The first student- and teacher-centric solution of its kind, Teq Essentials combines the power of Teq Online PD, SMART Notebook, SMART lab, and SMART amp collaborative learning platform.
Teq Onsite PD

(Includes coaching, mentoring and skills development)

Teq’s Onsite PD Plans provide your teachers with personalized, onsite coaching and mentoring services — guaranteed to help your teachers succeed in the 21st century classroom.

Teq’s Onsite and Online Professional Development Services

Both Teq’s Onsite and Online Professional Development services and PD courses focus on

- Enabling teachers, school leaders, administrators, and students to use technology proficiently
- Understanding and leveraging the benefits of technology, and creating dynamic learning spaces
- Providing best practices to optimize instructional outcomes
- Creating effective collaborative learning environments that meet the expectations of students
- Helping to create rich, data-driven environments that support and bolster each student’s unique learning style
- Working with teachers to review and plan projects and lessons based on Universal Design for Learning (UDL) principles
- Integrating research-based design principles and solutions into curriculum
- Supporting the successful integration of national and state standards, including Common Core State Standards
Onsite PD

Teq coaching & mentoring

Teq’s Coaching & Mentoring Plans provide personalized, onsite coaching and mentoring services — guaranteed to help your teachers succeed in the 21st century classroom.

What is Coaching?

Coaching is task-oriented, short-term, and performance-driven. We establish clear goals that support your PD plan. We deliver effective PD that doesn’t require your teachers to spend a lot of time out of the classroom. At the end of a session, your staff has the information they need to begin implementing their new skills into their lesson plans.

What is Mentoring?

Mentoring is personal, long-term, and development-driven. Through 1:1 meetings, each individual’s strengths and weaknesses are evaluated in order to provide strategies for each teacher. It offers continual feedback and support in the classroom to ensure your teachers utilize the skills and knowledge they’ve learned. Our PD Specialists make sure your staff receives comprehensive guidance every step of the way.

Combination

From classroom technology to instructional strategies, education is always evolving, and it is vital for our educators to keep up with the changing times. We understand that not every teacher excels with the same new things. By combining coaching and mentoring, our team of certified specialists delivers effective PD that is tailor-made to fit the individual needs of your teachers.
The Timeline

We’ve found 3-, 5-, and 10-day plans to be the most convenient and manageable units for achieving success. Whether you’re looking to refresh forgotten skills, build upon existing knowledge, or increase adoption and utilization, these options offer flexibility to achieve your goals.

The PD Plan

Prior to starting, we meet with you and your staff to identify your PD goals and expectations for our team. Together, we fill out a preliminary survey and assessment document for the plan. After we deliver your sessions, we complete a post-delivery assessment in order to ensure our instructors meet and exceed the established goals.

The Personalized Course Content

Created by our team of state-certified Curriculum Specialists, we offer courses in everything from advanced classroom technology to new teaching strategies. Design your teachers’ professional learning curriculum by choosing from hundreds of unique courses.
Our Professional Development Specialists are here to help.

Get access to professional development right when you need it! Press the nOw button and instantly access one of our PD Specialists who is an expert in instructional technology. Schedule sessions during your prep time or any time that works with your busy teaching schedule.

*Available on Chrome, Firefox, and Safari Web-browsers.
Connect with our team in 4 convenient ways.

Live Video Support
Start a video session for live face-to-face support

Online Chat

Schedule a Call
Don't have time now? Schedule an appointment for a more convenient time

Email Us
Have a question but it's not urgent? Send an email
Online PD

Available Anytime, Anywhere, on Any Device

Receive professional development content through a convenient online platform. Teq Online PD gives you access to live PD sessions, where you can participate and interact with your instructor in real time.

Whether watching via your home computer, tablet, or iPhone, you never have to be without! You can experience Teq Online PD from any device, wherever you have Internet access.
Certifications
Comprised of in-depth, chaptered sessions that guide you through the complete implementation of popular classroom technology. Current certification tracks include G Suite (Google), SMART, Apple, Microsoft, and more.

State-Approved
As a state-approved PD provider, Teq Online PD is a convenient and flexible way to fulfill your required PD hours from the comfort of your home.
Visit www.teq.com/State-Approved for a complete list of State Approved Professional Development.

Analytics
Track how your school is progressing towards your PD goals. See what courses and certifications are being completed by teachers to guide your PD initiatives. Teachers can earn badges and track their individual success.

Live Courses
Live courses each week on how to incorporate classroom technologies into instruction. Interact directly with our presenters, ask questions, and master new ed tech skills.
Evaluating Effectiveness of PD

Evaluating the Effectiveness of our Professional Development

Teq is aware that program evaluation is essential to the determining:

1. PD quality and effectiveness
2. Achievement of Professional Development goals and expectations
3. Benefit of the Professional Development for the participant
4. Inform future Professional Development
5. Return on Investment (ROI)

Therefore, at the conclusion of each Onsite and Online Professional Development session, Teq surveys each participant to determine the overall Customer Satisfaction (CSAT) with the content and pace of the PD; satisfaction with the presenter; ideas or skills that they will bring back to the classroom; recommendations for improving the PD training; and the likelihood of recommending Teq PD to a colleague. The CSAT results are analyzed and shared with the school administration in order to validate the Return on Investment (ROI). The CSAT results are used by Teq to improve PD course documents, enhance future PD sessions, and to address the PD Specialist’s training style to better align them to the specific needs, goals, and expectations of the school.

We have been tracking our CSAT results for 10 years and have consistently achieved at or above a 96.7% rating.
Testimonials

“This was the best PD we have had in a very long time. Many useful ideas, very informative, and well presented.”

—Joseph, Rocco Laurie Intermediate School

“Very few times I have been able to honestly say that I was impacted by a professional development session, with the exception of the Teq sessions led by Joseph Sanfilippo.”

—Luis Avilés, Newburgh Enlarged City Schools

“My teachers were so impressed with your presentation that they all want a new SMART board as soon as possible!”

—Diane DeLorenzo, St. Joseph Grade School

“Teq has a PD model, process, and protocol that keeps people on the same page, collaborating, and really trying to personalize instruction for every child.”

—Sharnell S. Jackson, Data Driven Innovations
Teq Digital Teacher Certifications

Learn the ins and outs of today’s hottest classroom technology with Teq’s Digital Teacher Certifications. Join our PD Specialists as they cover everything from basic set up to lesson development for today’s most valuable instructional tools.

Onsite Certifications

From delivery of instruction to assessment and follow-up, our specialists will provide you with all the skills you need to create engaging, interactive classroom content. Participants gain a complete understanding of how to utilize the technology to the fullest potential in their classroom, and leave the certification with relevant instructional content, built using skills learned throughout the course. Participants will receive a certificate upon successful completion.

The course consists of 3 sections:

Content-Specific Instructional Sessions
Led by our PD Specialists, participants will receive comprehensive instruction on your selected certification topic.

Lesson Plan Development Sessions
Using the skills learned in previous instructional sessions, participants work in small groups to develop their own interactive lessons.

Presentation Session
The final session will culminate in each participant presenting their lesson, which will then be evaluated by the PD Specialist using a comprehensive scoring rubric.
Teq Certification Plus

The complete offerings of the Digital Teachers Certification

- Instructional sessions
- Lesson plan development sessions
- Presentation session

15, 30, or 45 days of in-class mentoring by our PD specialists
- Number of mentoring days varies based on your selected package

+ 15-Day Mentoring
Begin with the Digital Teacher Certification and continue with 15 days of mentoring services that focus on lesson development techniques. Learn how to effectively implement and utilize technology in the classroom to build students’ proficiency and 21st century skills.

+ 30-Day Mentoring
With the Digital Teacher Certification and 30 days of mentoring, participants will further explore technology integration in the 21st century classroom. They’ll learn how to create rich and dynamic online learning spaces, and build their data-driven instruction skills in order to identify and address student knowledge gaps in the areas of 21st century skills and digital literacy.

+ 45-Day Mentoring
The Digital Teacher Certification and 45 days of in-school mentoring provides teachers with contextual PD and content-specific examples that bridge student knowledge gaps and promote the achievement of 21st century learning outcomes. Teachers are equipped to assess student performance and demographics, enabling them to personalize instruction practices to each learning style.
Want to take your certification further?

**Teq Digital Teacher Certifications**

Teq’s Digital Teacher Certifications are available as a series of online courses. Join our PD staff as we focus on scaffolded instruction and successful implementation of these popular classroom tools. Personalized feedback is provided as participants submit assignments throughout the course, and a final project is submitted with lesson content applicable to the classroom environment.

**Google Chromebooks**

Learn how to manage Chroma apps and extensions, print from the cloud, administer multiple devices, and effectively implement Chromebooks in a classroom environment.

**G Suite for Education**

Learn key strategies for improving workflow between teachers and students, how to increase efficiency in document flow, and various methods to improve communication beyond the classroom walls using G Suite and additional tools. Set the course for participants to become Google Educators.

**iPad**

Learn how to effectively integrate tablets into classroom instruction. This course is guaranteed to enhance your comfort and application with this key piece of classroom technology. Participants will learn about a variety of apps that focus on educational practice, including Apple’s suite of productivity apps - Pages, Keynote, and Numbers. By the end of the course, participants will create a well-developed project plan and share it with the group.
SMART Notebook
Effectively integrate your SMART Board and its software into daily instruction by learning new instructional frameworks. The skills learned will be used to create interactive lesson activities.

Microsoft Office 365
Change the way you plan, teach, and assess your students with Microsoft’s hybrid desktop and online platform. Learn to use this collaborative tool to organize email, personalize websites, and access One Drive and Office programs from any device.

SMART Table
This is a sequenced professional development program that teaches participants the best practices for using the SMART Table. Teachers will learn how to find and modify SMART Table lessons, and learn how to create their own lessons from scratch. By the end of the certification, each participant will create their own SMART Table lesson and present it to the group.
Building Your Foundation for Interactive Whiteboard Instruction

Learn basic operations that will enable you to "hit the ground running" with your interactive whiteboard. We'll give you the opportunity to physically set up all necessary equipment, then introduce you to the corresponding software and show you how to interact with content from familiar applications such as web browsers, Microsoft Office, and PDFs.

Customized Instruction with Your Interactive Whiteboard for Effective Student Learning

Explore your interactive whiteboard's software and its interactive capabilities in greater detail. Add content from the web and use drawing and editing tools to create customized interactive pages. Utilize links to create and manage engaging activities on your interactive whiteboard and see examples of how basic tools and techniques can be used to create effective lessons.

Using Dynamic Content to Support Student Engagement with Your Interactive Whiteboard

Discover the more advanced design tools within your interactive whiteboard software. Explore features available within the software that allow for more dynamic content to be added to your lessons. Learn how to integrate a variety of tools and discover how to reach more learners by inserting sound files, creating screen recordings, importing images, and much more.

Realizing Your Board's Full Potential – Advanced Techniques to Transform Your Interactive Whiteboard Instruction

Learn sophisticated techniques that will help you realize the full potential of your interactive whiteboard software and allow you to transform the learning environment in your classroom. Take a detailed look at your interactive whiteboard's capabilities and explore some of its advanced tools and techniques. Learn how to customize settings within the software to fit your personal teaching style and to better meet the needs of your learners.

How to Organize and Effectively Use Your Computer (Windows or Mac)

Learn some basic ways to keep your computer content organized and enhance your knowledge of programs that you can use in the classroom setting. Both beginner and intermediate users will learn how to make better use of some tools already at your disposal.

Google Drive: Basics

During this session, we will introduce participants to the basics of Drive. We will discuss how to upload content into your Drive account and how to convert files into G Suite format. Participants will also learn how to view files, in particular video files, and how to connect apps to their Drive account to view a variety of third-party files.

Google Drive: Advanced

In this advanced session of Google Drive, we will start with how to organize your content using folders and colors. The focus of our course will be how to share these in a variety of relevant classroom situations. Participants will also learn how to use the Google Drive desktop application and ways they can interact with Drive while offline.
Project Based Learning with Google

See how Google can improve the quality of your Project Based Learning activities. Learn how to implement Google-based content to promote critical-thinking, communication, and collaboration in your classroom. Learn how to use Google's free tools to promote the key elements as PBL, such as research, collaboration, gathering and analyzing feedback, and presenting knowledge.

Intro to Google Classroom

This is the third year of Google Classroom. It’s had a bunch of changes since its inception, and if you’ve not seen what it can do, now’s your chance. The platform brings some of the best features of Drive and key add-ons together in one easy-to-navigate application. Our PD Specialists will help you not only get up-and-running, they’ll give you some great ideas for simplifying your workflow too. See how easy it can be to manage entire class sets of documents and assignments in this highly-requested course.

Going Further with Google Classroom

In this follow-up session, you’ll explore the process of creating, submitting and checking assignments with Classroom. New to the platform - individual assignments which promotes differentiation, teacher notifications, classroom metrics, guardian summaries and more! We will also review the capabilities of the mobile version in order to enhance the experience with Classroom for teacher and student. You don’t want to miss this!

Administering Chrome Devices

Once you have set-up your G Suite for Education account, the next step is to set up the devices you have available at your school in order to maximize the effectiveness of teacher and student experiences. Join us for Administering Chrome Devices where we will review how to enroll Chromebooks and answer questions about the mobile devices you may have available. We will also discuss setting apps and extensions for use across your domain and show how to review reports for your account. Come gain key knowledge to successfully deploy Chrome devices in your school.

G Suite for Education: Basic

This introductory course will give you an overview of how to use Google Drive and the G suite in your classroom, through various examples and practice. Learn how to organize digital materials and incorporate Docs, Forms, and Slides into your instruction. Work in groups to experience the process of using these tools to create, share, and collaborate on a project.

G Suite for Education: Intermediate

Throughout this session, participants will build on their foundation of G Suite for Education. They will develop effective use of the G Suite for Education tools in relevant classroom situations. We'll focus on collaboration in real time, primarily with Slides, Docs, and Forms. Participants will explore add-ons through Docs and Forms and discuss ways in which they will be beneficial in the classroom as well as the new features in Slides that can be used to strengthen the way teachers and student present lessons and projects. Our goal is for teachers to utilize these apps to build on their previously-created engaging and interactive lesson content and enhance their organizational skills.

G Suite for Education: Advanced

G Suite for Education opens the doors of opportunity for teachers, students, and the entire school community to collaborate in amazing new ways. During this course, participants will further their use of various Apps features while exploring some resources the G Suite community has developed. There's an entire world of possibility just a few clicks away, and we'll help you get there.

Promoting Literacy with Google Docs

Improving literacy is the responsibility of all teachers, not just those in the language classroom. In this session, learn how to use Google Docs and other apps to help build literacy skills in all curriculum areas. We'll take a look at how technology can increase student motivation to read and write and learn how to integrate social learning aspects like peer review, sharing, and collaboration into student work. Discover tips on how to include a greater emphasis on key vocabulary terms each day and encourage active exploration of text to facilitate student ownership of their learning. We'll also create templates to use as reading journals, graphic organizers, and more.

Using Google Forms for Assessment

Learn how to design comprehensive assessments using Google Forms. We will show you how to incorporate a variety of question types to assist in the creation of differentiated material. Learn how to embed video, images, and use advanced features in Forms to take formative and summative assessments to a new level.

Google Calendar

Spend less time planning, and schedule smarter with G Suite's Google Calendar! This course will give you the tools needed to schedule events and meetings quicker, manage your time and availability seamlessly through the integration of Gmail, Drive, Contacts, and Hangouts, and view shared calendars with one click. Never miss an appointment (or forget that important document at home) again with reminders, invitations, and simple sync options.

Gmail

Gmail is a free service developed for users to access email on the web through a variety of devices, at any time. This course will help you to improve communication, productivity and collaboration between you and your students, parents, and colleagues. Easy and simple, this application will allow you to create customizable inbox tabs, actions, and more.

Sites

Google Sites is a part of the G Suite Collaboration Series. Recent updates have made site creation much easier! This course will give you planning and creation tips to construct a multi-page site with an attractive layout and content. Use this site for your students, for parents, or for collaboration with fellow teachers!
Clerical Applications: G Suite
Recently Google made some changes to their naming convention. Join us for our third session in our Clerical Applications Series as we discuss with you the changes to G Suite and the various ways that Slides, Drive, and Sheets can help you with your day to day tasks.
Clerical work can become daunting. How can one handle the boss’ email and calendar, keep meeting notes, organize events, schedule coverages, field trips, and lunch breaks, manage multiple signatures in emails and letters, and keep track of all the other important tasks, while still dealing with the busyness of the school day? This course will guide you through effective use of apps within the G Suite for Administrative Assistants, such as Drive, Calendar, Gmail, and Docs.

Clerical Applications: Docs
This session will help users learn how to format documents, create and edit headings and templates, export and import documents, utilize revision history and the research tool, import fonts, take advantage of keyboard shortcuts, and some of the useful editing and sharing settings within Docs.

iPADS
Getting to Know Your iOS (10 or 11)
Join us to learn about the updates to Apple’s newest operating system. Learn about the great new tools that will help enhance the use of devices in your classroom, school, or district. Learn how to maximize the use of these tools for teachers and students.

Learning with the iPad
The iPad has revolutionized classroom instruction and learning. Learn how teachers can utilize an iPad to enhance classroom management, lesson presentation, and content creation. See how the iPad can also enliven and expand the possibilities for students with apps that encourage interactive learning experiences through center-based or 1:1 instruction and practice.

Apptastic! Project Based Learning with the iPad
The iPad is a great digital learning tool to help teachers and student implement Project Based Learning in the classroom. Work with apps in conjunction with one another to help facilitate research on a topic, create a product, and share this creation with others. Leave this course with a completed project plan and sample materials and an assessment-ready rubric.

Mobile Assessment with the iPad
Throughout this course we will examine apps that can be used for various forms of mobile assessment with the iPad. Come learn how apps like Socrative, Nearpod, and Plickers can be used to engage students and provide teachers with data about student progress. Whether in a classroom with a single iPad, or 1:1 devices, there is a mobile assessment tool for you!

Digital Storytelling with iMovie
Digital tools allow us to take the age-old practice of storytelling and engage our students with text, narration, images, and music. Through the use of iMovie, we will explore how teachers and students can get creative and effectively build digital stories to share with a larger audience.

Add Apple Classroom
Classroom is a powerful mobile device management system built specifically for iPads. With this tool, teachers can see what students are working on, control iPad use with dynamic groups, mute student iPads when necessary, and navigate students to an app, particular website, e-book and more. Students can easily showcase their work by sharing through the Apple TV and teachers can easily share documents with a touch of a button. Create classes, invite students, and manage Apple IDs without setting up an MDM! This course will show you how to leverage the power of this tool to manage your classroom effectively.

Add Apps to Support the Special Education Teacher (A.S.S.E.T.)
This iPad-centric course will cover a variety of skill based and creation apps that are useful in the Special Ed classroom. The session will not just cover the functionality of the apps but best practices to incorporate these apps effectively with students. For example: Using iPads as a Center, for assessment or as a behavior management tool. The session will also reveal some of the best kept accessibility secrets the iPad has to offer to reach all types of learners.

MICROSOFT
Getting Started with the Microsoft Office Suite
Discover new ways to use the basic features built into Microsoft Word, PowerPoint, Excel, and OneNote. Create documents, presentations, and spreadsheets with dynamic formatting and multimedia capabilities. Explore how these tools can transform your classroom content, files created by your students, and the presentation of these various materials.

Going Further with the Microsoft Office Suite
Dive deeper into advanced features of Microsoft Word, PowerPoint, Excel, and OneNote. Customize your platforms with additional downloadable content, and create files that are structured to provide an enriched experience when presenting online. Finally, explore how the desktop and Online Office suite differ, along with ways they can be used together to maximize student access to content creation.

Sharing, Creating, Collaborating with Microsoft OneDrive
Learn all about OneDrive, the cloud service from Microsoft. Let our PD instructors show you how to use this service to collaborate all your Microsoft Office applications, share your documents with students and peers, and access your documents from any device, wherever there is Internet access.
Dynamic, Media-Rich, Documents with Microsoft Word
With this course, participants learn how to create, edit, and share diverse multimedia documents using Microsoft Word. Participants will also be able to create templates for student assignments, provide feedback on student-created content, and develop Word as a collaborative space for group writing projects.

Using Microsoft Excel to Inform Instruction, Learn and Analyze Data
With this session, participants will be able to use Microsoft Excel to explore the basics of data input, including how to use equations and format cells to analyze and display that information. We'll also cover how students can use this software perform the same techniques to demonstrate understanding.

Powerful Presentations with Microsoft PowerPoint
With this course, participants will be able to create, share, and edit dynamic slideshow presentations using the Microsoft PowerPoint platform. Teachers will be able to create custom layouts and insert media for informative and engaging lessons, use multiple presentation tools to streamline lessons, and share files with their students.

Digital Note Taking with OneNote
With this course, participants will be able to use the basic features of OneNote and discuss how it can be used as a note-taking and content creation tool. Teachers will be able to create assignments, add resources, and share their notebooks with students for interactive, collaborative content spaces.

Project Based Learning using Microsoft OneNote and Publisher
Build a project-based curriculum using the hidden gems of the Microsoft Office suite. Explore how OneNote can be used to collect, organize, and store all of a student's notes online. Embed notes with multimedia elements such as links, audio, and video to appeal to multiple learning methods. Create free-form documents such as classroom forms, posters, and school newsletters using Microsoft Publisher.

OneNote Class Notebook
Join us as we explore OneNote Class Notebook, Microsoft's collaborative workspace. With this tool every student has a personal workspace, a library for handouts, and a collaborative space to work on with peers. In this session, we will show you how to get started, how to organize and deliver your lesson plans, and provide individualized support to all of your students.

Clerical Applications: Word
This in-depth look into Word will help staff learn how to format documents, create and edit headings and templates, export documents to various formats, import fonts, utilize keyboard shortcuts, and some of the useful editing and sharing settings within Word.

Clerical Applications: Excel
During this course staff will learn how to customize the Excel interface, format text and numbers, utilize templates, perform basic calculations using applicable functions, utilize editing and sharing settings, and some more general tips to maximize the usefulness of Excel in an office environment.

ADOBE CREATIVE CLOUD SUITE FOR EDUCATION

Photoshop
In the three-hour session, participants will create and utilize skills and features to do advanced photo editing and visual effects that would be further used on other applications. These skills can be used for one-off singular purposes or part of a large themed project involving other Adobe applications.
- Magazine Cover

Illustrator
In the three-hour session, participants can create hi-res images and large-scale publications that use scalar-vector graphics to bring clean, crisp, and sharp product to be used in multiple formats—print, web, and video. Using skills and resources from previous applications can bring in fine-tuned edited objects for that large-scale product.
- Poster with a uniquely designed logo

InDesign
In this three-hour session, participants will learn how to develop multiplepaged documents for publication for either print, web, or mobile devices. Using skills and resources designed in previous Adobe applications, participants can create interactive content as a multi-media presentation tool.
- Newsletter with graphics from the Photoshop and Illustrator elements
- Possibly an interactive e-reader publication including video and Adobe Flash (SWF, FLV) content.

After Effects
In this three-hour session, participants will learn the basics of creating video quality images and segments to be integrated into other video/multimedia software. Participants will create elements, such as lower third title/name cards and animated features with alpha-based transparency to be used in participants-created videos.
- Design the lower-third cards for title to be used in Premier Pro

Premier Pro
In this three-hour session, participants will use the assets and elements designed in the previous applications to create a 30 second to one-minute PSA promoting their topics. Using imported video content, participants will add the graphics from Photoshop, Illustrator and visual effects from After Effects to bring their PSA alive.
- Film, edit and publish a PSA to promote the topic.
MOBILE DEVICES

Introduction to a Successful BYOD Environment - Part 1
The BYOD initiative is taking the education world by storm. However, it undoubtedly requires a great deal of management and organization on the part of the educator and the administration. Join us in the first of this 2-part course where we discuss considerations and techniques for the implementation of a successful BYOD initiative. We will explore a variety of important topics that should be considered by educators and administrators before putting a BYOD initiative into practice, and expand upon these procedures to continue on a path to success.

1:1 Classroom: Maintaining a Healthy Balance
Explore the possible ways to implement a 1:1 program at your school while learning about Chromebooks, iPads, or other devices that may be available in your learning environment. A well-developed 1:1 program is an essential step toward collaboration, communication, and developing creative expression. Students will benefit from self-paced learning, and teachers can use a variety of resources to enhance their digital instruction.

QR Codes in the Classroom
QR codes are popping up everywhere! These Quick Response codes instantly link us to information or content we would like to share with others. In this session, we will explore how QR codes work, ways that teachers are using them to enhance instruction, and methods for students to share their own content.

SMART amp
SMART amp is a web-based platform designed to connect a variety of different devices to a single collaborative workspace. In this course, see how teachers can easily distribute lesson materials to students, conduct formative assessments, and manage student projects, all in real time. We'll also take a detailed look at the teacher dashboard and you'll learn some useful strategies for designing effective workspaces and organizing your content. After this session, you'll be more than ready to get up-and-running with SMART amp and be on your way to creating a truly collaborative classroom.

STEM & ROBOTICS

STEM and NAO, the Humanoid Robot
Improve your science, technology, engineering, and mathematics instruction with our STEM and NAO course. Learn how to keep students engaged and enhance their learning outcomes as we help you successfully combine STEM concepts, proper pedagogical knowledge, and innovative technologies with Aldebaran’s latest humanoid robot, NAO.

Engaging Learners in STEM Subjects
Join us as we look at a great STEM investigation that you can implement in your classroom to engage learners and increase their experience with cross-curricular activities. Learn about the parts of a comprehensive and successful STEM experience that can be used to get students engaged in project based learning, in-depth inquiry, and content development.

Intro to Scratch
Are you trying to introduce coding into your school or classroom? Not sure where to start? Scratch is a great program to get the ball rolling and create some interest! Scratch is a block based coding application that can be used to create interactive stories, think creatively, and work collaboratively. Available in more than 40 languages, accessible for all levels (elementary-college), and applicable across all disciplines, Scratch is a tool everyone can find value in!

Going Further with Scratch
Already familiar with Scratch? Or maybe you’re already using Scratch in your classroom and you want to take it to the next level. Whatever the case, this course will help you get there! Join us as we explore more of the scripts that Scratch offers and create more complex code!

Enhancing Science Experiments with Labdisc
Labdiscs are engaging data collection tools which can help bring your science experiments to a whole new level. The Labdiscs can be used for a variety of experimental procedures, and can assist in many parts of the scientific process. Come see it in action with our PD Specialists and explore its functionality in a classroom-relevant situation.

Ultimaker
Are you preparing to teach 3D printing in the classroom? Ultimaker’s industry-leading 3D Printers ignite students’ imaginations and innovation in all STEM subjects. This course will offer you a guide to setting up your printer, the "ins and outs" of the hardware, including troubleshooting tips, as well as an overview of the slicing and preparation software Cura, in order to optimize your print. Explore the resources Thingiverse and The Pioneer Program to help get you started! Now, let’s begin creating a project in a design software, and create a lesson you can use in your classroom!

STEM SEQUENCE

Modeling Mathematics, Geometry, and Design
This sequence of five courses will develop teachers’ familiarity with mathematical concepts in both the 2D and 3D realms. They’ll gain an understanding of how to present standards-based content via different student-facing software. Throughout the sequence, they’ll encounter various methods of creating digital manipulatives, ways to have students explore complex concepts, and tackle standards from kindergarten through middle school.

- **Session 1:** SMART Notebook Math Tools
- **Session 2:** 3D Modeling with Sketchup
- **Session 3:** Geogebra
- **Session 4:** Physical Constructions
- **Session 5:** Algodoo
Successfully flip a lesson in your classroom.

Explore what tools and best practices can be implemented to enhance and give the teacher the role of facilitator.

Benefits of the flipped classroom by creating an active learning environment and giving the teacher the role of facilitator.

BLENDED LEARNING

Intro to Blended Learning
Explore the various models of blended learning and the best practices for a successful implementation. We’ll discuss learning management systems (LMS), hardware and software needs, and the roles of the teacher, student, administrator, and parents in a blended learning environment.

Just Flip It!
A flipped classroom environment helps students take charge of their learning experiences. Learn the benefits of the flipped classroom by creating an active learning environment and giving the teacher the role of facilitator. Explore what tools and best practices can be implemented to successfully flip a lesson in your classroom.

Virtual Classrooms with Edmodo
Edmodo provides teachers and students with a secure place to connect and collaborate. Edmodo’s goal is to help educators harness the power of social media to customize the classroom for each and every learner. Edmodo professional development will teach you how to set up an Edmodo teacher/class account and invite students to connect, share content, and important information in the classroom. You will learn how to assign and grade homework, class assignments, and quizzes.

Virtual Classrooms with Schoology
Schoology is a well-designed Learning Management System to help increase communication and collaboration between teachers and students. Customize your classroom with assignments, assessments, and grading options through Schoology’s comprehensive online classroom.

Social Media in the Classroom
Social media is an excellent tool for opening up communication between teachers, students, and parents all over the globe. In this session, we will discuss best practices for implementing popular social media networks into your classroom. We will show you how to use Twitter, Facebook, Instagram, and Pinterest to grow your own education-focused network. Learn methods to communicate with your students inside and outside of the classroom.

iTunes U
Join us as we explore iTunes U, dedicated to creating interactive classroom environments via digital courses. Find educational content to incorporate in your course from universities, museums, and Apple’s iTunes Store. iTunes U makes it possible to integrate podcasts, videos, iBooks, discussions, and more to create a truly dynamic teaching and learning experience.

THE INTERACTIVE CLASSROOM

Morning Meetings and Daily Routines
Discover how the interactive whiteboard can facilitate classroom routines and transitions, while improving your knowledge of your IFP/IWB software. You’ll learn how to create various templates, including job charts, attendance activities, lunch counts, and circle-time games and songs for the elementary classroom.

Engaging Presentations with Prezi
Prezi is an online tool to create unique presentations and enhance student creativity to demonstrate learning. Teachers can also use Prezi to create a dynamic virtual space to engage students during instruction. Learn how to use Prezi as an alternative to traditional presentation software.

Intro to Project Based Learning
Project Based Learning is a great way for students to demonstrate understanding while making various curriculum connections. Join us as we discuss best practices and suggestions for implementing a successful PBL initiative in your classroom or larger school community.

Interactive Whiteboards/Interactive Flat Panels and Differentiated Instruction
See how technology can help you address the diverse strengths and weaknesses of the students in your classroom. We will provide background information, strategies, and resources to help you differentiate instruction, classroom management, and student assessment.

Creating Multi-Touch Books with iBooks Author
Students today have become producers and creators of content, desiring to put their skills to use in the classroom. Learn how to support this passion to create materials with iBooks Author. Using iBooks Author, teachers and students are able to create original, multi-touch books for the iPad. Participants must have Macs with OS 10.7.4 or later.

SMART Table
Develop SMART Table skills for immediate classroom use, and learn how to customize activities for your students. We will explore the various SMART Table applications, and familiarize you with the Table’s teacher mode. Learn how to customize learning activities with the SMART Table toolkit, save the customizations to a USB storage device, and upload the activities to your table.
Podcasting in Your Classroom
Podcasting is leaving a significant imprint on today’s classroom. With resources, like Audacity and GarageBand, teachers can create podcasts to share instructional material with a larger audience anytime and anywhere. Students can also get in on the fun when they learn how to implement the power of audio production into the 21st century classroom.

20 Cool Things (You Can Do with an Interactive Whiteboard)
Explore some of the hidden gems when working with your interactive whiteboard in the classroom. This fast-paced session will explore 20 resources, features, and techniques to help you create more engaging lessons for your students.

Virtual Classrooms with Edmodo
Harness the power of Edmodo, a learning management system that lets you create a virtual classroom, providing teachers and students with a secure place to connect and collaborate. Learn how to share content, host class discussions, post assignments, and grade student work all within the Edmodo platform.

Engaging Students with Videos
Do you have trouble reaching a variety of learning styles in your classroom? Are you nervous that you haven’t motivated your students when you introduced a brand-new topic? Are your students losing interest and excitement as the unit progresses? If you answered yes to any of these questions, come join our curriculum specialists as we embark on a journey to implement video use in the classroom! Teachers who have used instructional videos have reported that their students retain more information, are more enthusiastic about the learning, and comprehend the concepts of the topic faster. Sometimes, it’s impossible to take students on field trips, participate in experiments, purchase materials, or illustrate complex topics with a conventional way of teaching (and limited amount of time.) Now, with videos, students can experience all of this and more! If you’re seeking an innovative way to take advantage of video in your classroom, this is the session for you.

Digital Storytelling with Windows Movie Maker
Digital tools allow us to take the age-old practice of storytelling and engage our students with text, narration, images, and music. Through the use of Windows Movie Maker, we will explore how teachers and students can get creative and effectively build digital stories to share with a larger audience.

Digital Storytelling with Adobe Premier Pro
You’ll use the concepts of digital storytelling to construct curriculum or a single project using Adobe Premier Pro. Using imported media content, participants will add videos, graphics, and audio from various sources to bring their story alive. Explore the benefits of such a curriculum for a variety of subjects, as well as a number of classroom ideas and tools to help implement the beginning steps of the digital storytelling process.

Podcasting in Your Classroom
Digital Storytelling with Windows Movie Maker
Digital Storytelling with Adobe Premier Pro

SMART TECHNOLOGIES

SMART Board Basics
If you just obtained a SMART Board in your classroom, and you would like to become a proficient user, then this course is for you! From setting up and customizing your floating toolbar to interacting with other applications on your computer, this course will teach you all the basics to successfully interact with your SMART Board in front of your classroom.

Intro to SMART Notebook
Make the most of your interactive whiteboard technology with this introductory course. Learn the skills to create your own SMART Notebook lessons, including how to link your files to the Internet and how to incorporate Notebook’s pre-made templates. Create lessons with ease and discover how to import interactive files into SMART Notebook.

Going Further with SMART Notebook
Looking for new ways to create even more great content with your SMART Notebook software? Join our PD team as we go beyond the basics to create fun and interactive SMART Notebook pages for your students. In this course, we will build on the skills previously featured in our Intro to SMART Notebook, and teach you the advanced skills to turn these simple techniques into fantastic classroom presentations!

Administering SMART amp
Did you just obtain SMART amp at your school and want to know how to get started? Learn about how to use SMART amp from the very beginning and discover how to successfully introduce it into your school community. Learn how to create and manage student and teacher accounts with your G Suite for Education account and lead your teachers to success.

Digital Storytelling with iMovie
Digital tools allow us to take the age-old practice of storytelling and engage our students with text, narration, images, and music. Through the use of iMovie, we will explore how teachers and students can get creative and effectively build digital stories to share with a larger audience.

Digital Storytelling with iMovie

DIGITAL STORYTELLING

Intro to Digital Storytelling
In this course, learn about the benefits of using digital storytelling in your classroom to encourage student creativity and learn about a new type of product students can plan and create. We will discuss best practices and considerations when starting a digital storytelling project in your classroom and demonstrate various examples of well-developed digital stories across grade levels.

Digital Storytelling with iMovie
Digital tools allow us to take the age-old practice of storytelling and engage our students with text, narration, images, and music. Through the use of iMovie, we will explore how teachers and students can get creative and effectively build digital stories to share with a larger audience.

Digital Storytelling with iMovie

Course Catalog * All Courses offered Onsite and Online.
New courses added monthly.
Intro to SMART amp
SMART amp, from SMART Technologies, is a web-based platform designed to connect a variety of different devices to a single collaborative workspace. In this course, see how teachers can set up classes, easily distribute lesson materials to students, conduct formative assessments, and manage student projects, all in real-time. Whether you've just purchased SMART amp, or are investigating ways to increase collaboration in your classroom with multiple devices, we're excited to share the possibilities of SMART amp with you!

Going Further with SMART amp
In our first SMART amp session, we gave you a broad overview of this collaborative platform for learning. In session two, we’ll take a more specific look at what a typical classroom workflow looks like. In this course, you'll learn some useful strategies for designing effective workspaces and organizing your content. Get up-and-running with SMART amp and start creating a truly collaborative classroom.

Creating SMART amp Workspaces (Math and ELA)
Add to your new found SMART amp skills and learn how to use this great tool in your Math or ELA classroom. Join our PD instructors as they teach you how to use SMART amp to design effective, content-specific workspaces using Common Core State Standards. Review methods to organize your content, and use SMART amp's built-in collaboration settings with your students in media such as video and sound that will keep students engaged and excited to learn.

What's New in Your Notebook Software?
Join us to learn about the powerful features available in SMART’s newest version of Notebook software. Maximize your use of the software and create engaging lessons with the use of SMART Notebook tools that can be used directly within lesson pages and presentations. Learn how SMART's newest version of Notebook can enhance your classroom and motivate your students.

PROMETHEAN

Getting Started with Promethean ActivBoard
Learn how to use the Promethean ActivBoard to boost student interaction and engagement in your classroom. This session will walk you through the basics of how to connect to the ActivBoard, use the Activ pen, browse the Internet, and use a variety of tools to enhance your lesson content.

Intro to ActivInspire Software
Learn how to create content and your own Flipcharts with Promethean's ActivInspire software. This intro level session will show you everything from how to add basic objects and text to creating more engaging Activ pages with advanced features. You'll learn how to link to the Internet, use pre-made templates, and import other presentations or interactive files into your Activ Flipcharts.

Intro to ClassFlow
ClassFlow is an in-browser lesson building application created by Promethean. In ClassFlow you can create lessons, assessments, and assignments that are easily accessible at home or on the go. You'll learn the basics, and discover what ClassFlow offers to help make your classroom more interactive and media rich.

Add Going Further with ClassFlow
Dive deeper into the content creation and management tools provided by ClassFlow — real time collaboration, assignment builder, assessment builder, and activity builder. By the end of this course you should have all the tools you need to create engaging, and interactive lessons to start using in your classroom right away!

ASSESSMENT

Best Practices with Mobile Assessment
Explore in detail some of the best practices for using mobile or web-based assessment. Learn how to use a variety of mobile assessment software to create presentations which students can interact with through polls, quizzes, videos, drawing activities, self-guided quizzes, and more.

Using Google Forms for Mobile Assessment
Google Forms is one of the most versatile tools in the G suite. Learn all the ways Google Forms can be used to create self-grading assessments, collect data, create peer reviews, formative assessments, and more.

Mobile Assessment with Socrative
Socrative is a free mobile assessment platform that can be utilized both through any web browser and iOS or Android device. You'll learn how to use Socrative to engage your students with educational exercises and games, as well as how to streamline your workflow by collecting and analyzing data in a paper-free process.

Creating Multi-Touch Books
Students today have become producers and creators of content, desiring to put their skills to use in the classroom. Learn how to support this passion to create with iBooks Author. Using iBooks Author, teachers and students are able to create original, multi-touch books for the iPad. Learn how to create your own interactive iBooks with this online session. Must have Macs with OS 10.7.4 or later.

Mobile Assessment with the iPad
Explore in detail some of the best practices for using mobile or web-based assessment. Learn how to use a variety of mobile assessment programs to increase student interaction with polls, quizzes, videos, drawing activities, self-guided quizzes, and more.
Using Google Forms for Assessment
Learn how to design comprehensive assessments using Google Forms. We will show you how to incorporate a variety of question types to assist in the creation of differentiated material. Learn how to embed video, images, and use advanced features in Forms to take formative and summative assessments to a new level.

Student Response Systems
Create dynamic, authentic, and quantitative classroom assessments using student response software. In this session, learn how to use real-time data to inform future instruction and gather formative feedback on student progress. Design your own assessments and learn to mix in media such as video and sound that will keep students engaged and excited to learn.

Mobile Assessment with Kahoot!
Create, play, and share fun learning games for any subject, for all ages, for free! Kahoot! is an interactive platform that allows teachers to create fun learning games in minutes or choose from millions to play or adapt. Kahoot! works on any device with internet connection and there is zero set-up time or user accounts. You’ll learn how to foster social learning and deepen your pedagogical impact with Kahoot!

Mobile Assessment with Nearpod
Engage your students with interactive lessons and better your assessments of their learning with Nearpod! Our PD staff will show you the ins and outs of this interactive learning tool so you can focus your students’ learning, and create interactive presentations that include polls, quizzes, videos, drawing activities, self-guided quizzes, and more.

ELA
Writing Across the Curriculum
Learn how technology can enhance your students’ ability to write more effectively. We will show you how to use your interactive whiteboard/flat panel software and other resources to create templates and help your students construct well-developed paragraphs. You will learn to create lessons that will encourage your students to think critically about the writing process.

Digital Storytelling
Digital tools allow us to take the age-old practice of storytelling and engage our students with text, narration, images, and music. Through the use of software available at your school, we will explore how teachers and students can get creative and effectively build digital stories to share with a larger audience.

Using Your Interactive Whiteboard/Flat Panel to Support Achievement of Common Core Learning Standards: Elementary ELA
Gain an in-depth understanding of the collaborative features of the interactive whiteboard/flat panel and other technology to help your students meet Common Core Learning Standards in the Elementary ELA classroom. Learn how to implement these tools to enhance instruction and apply these standards in new ways.

Using Your Interactive Whiteboard/Flat Panel to Support Achievement of Common Core Learning Standards: High School ELA
Gain an in-depth understanding of the collaborative features of the interactive whiteboard/flat panel and other technology to help your students meet Common Core Learning Standards in the High School ELA classroom. Learn how to implement these tools to enhance instruction and apply these standards in new ways.

Digital Tools for the Writing Process
Integrate collaborative learning tools to increase the quality of students’ writing. This session will introduce different web tools and apps that can be used to aid students with each step of the writing process (planning/brainstorming, drafting, revising, editing, and publishing). Teachers will learn how students can use technology to interact and collaborate with peers during the writing process using web tools and applications such as Edmodo, Padlet, Popplet, OneNote, Evernote, and Google Docs.

Persuasive Writing
This session will provide web tools, apps, and Notebook techniques to strengthen students’ persuasive writing skills. Teachers will learn how to create technology-focused lessons to teach students to develop arguments and support claims using valid reasoning and sufficient evidence. We will discuss the use of tools such as WeVideo, Edublogs, Prezi, and Voki.

Narrative Writing
Learn how to create technology-rich lessons to strengthen students’ narrative writing skills. This session will provide strategies and steps for teaching narrative writing 21st century style. Explore digital tools that can aid students with brainstorming, storyboarding, characterization, and other narrative elements such as voice, descriptive language, and dialogue.

Explanatory and Informative Writing
Discover the best web tools, apps, and Notebook techniques to strengthen students’ explanatory/informative writing skills. Through the use of tools such as EverNote, Snap Guide, and InstaGrok, educators will learn how to create technology-focused mini-lessons to develop students’ ability to examine and convey complex ideas and information clearly and accurately.

Close Reading
This session focuses on using technology to strengthen students reading comprehension skills. Teachers will create interactive lessons that will model in-depth reading of complex texts, and highlight the process of gathering textual evidence to support written responses. Through the use of technologies, such as SMART Notebook software, Subtext, and Actively Learn, students will read complex text, gather evidence from the text, and respond in detail.

Using Web Resources to Enhance Literacy
Join us as we explore a variety of literacy techniques that are commonly used in a well-developed Common Core classroom. We will provide a number of web resources that correspond to these techniques, helping enhance instruction and keeping students engaged.
Testing Tools in the Common Core ELA Classroom
Join us as we review some helpful tools to be sure that students are prepared for testing. Learn about some helpful teacher tools to gauge student readiness and resources for comprehensive student practice.

Creating Multi-Touch Books with iBooks Author
Students today have become producers and creators of content, desiring to put their skills to use in the classroom. Learn how to support this passion to create material with iBooks Author. Using iBooks Author, teachers and students are able to create original, multi-touch books for the iPad. Participants must have Macs with OS 10.7.4 or later.

Digital Citation Tools
Do your students struggle to write proper citations? Do they forget to include them or purposely avoid them? Join us as we share with you our favorite digital citation tools including the Google Docs explore tool and the EasyBib add-on. With these, creating citations is so easy your students will want to add them!

Evaluating Web Resources
Every day, your students are faced with questionable material on the Internet. All over sites like Facebook and Twitter, your students see articles like “Save the Pacific Northwest Tree Octopus!” or “Beware of Dihydrogen Monoxide!” Are these articles credible? Join our PD Specialists as they teach you new strategies to address CCRA.W.8 (Assess the credibility and accuracy of [a] source) and help your students avoid citing hoax websites, dodge pitfalls in the research process, and discern fact from fiction.

Redefining Creative Writing Prompts: Story Dice
While attending a convention, we stumbled upon a low cost “game” that we thought would be perfect for the ELA classroom, Story Dice. Join us as we discuss what story dice are, and how they can help redefine creative writing prompts! You’ll get some suggestions on ways to incorporate them into your classroom and how to create a grading system to make sure your students are staying on task and meeting specific standards.

MATH
Best Web Tools for the Math Classroom
In this session, teachers will discover a number of resources that support the Common Core Standards for Mathematical Practice and encourage students to use technology to explore and deepen their understanding of concepts. We will explore a variety of math programs that can be utilized in the classroom, regardless of your school's technology platform. This course will expose participants to dynamic geometry software, 3D modeling software, web-based applications, and other mathematics teaching and learning tools.

Using Your Interactive Whiteboard/Flat Panel to Support Achievement of Common Core Learning Standards: Elementary Math
Gain an in-depth understanding of the collaborative features of the interactive whiteboard/flat panel and other technology to help your students meet Common Core Learning Standards in the Elementary Math classroom. Learn how to implement these tools to enhance instruction and apply these standards in new ways.

Using Your Interactive Whiteboard/Flat Panel to Support Achievement of Common Core Learning Standards: High School Math
Gain an in-depth understanding of the collaborative features of the interactive whiteboard/flat panel and other technology to help your students meet Common Core Learning Standards in the High School Math classroom. Learn how to implement these tools to enhance instruction and apply these standards in new ways.

Dynamic Geometry Software
Join us as we discuss the various software available to enhance geometry instruction in your math classroom. Learn how Sketchup can be used to model 3D shapes, teach conic sections, and to examine the 2-dimensional cross-sections of solids. Discover how Geogebra can be used across grade levels to teach coordinate geometry, transformations, and more.

Best Web Resources for the Math Classroom
Learn how to execute an advanced and targeted Google search to find the best web tools for any given math topic. We will cover advanced linking to applications, documents, and videos. We guarantee that you will leave this session with a variety of useful math resources that you will be excited to implement in your instruction.

Testing Tools for the Common Core Math Classroom
Join us as we review some helpful tools to be sure that students are prepared for testing. Learn about some teacher tools to gauge student readiness and resources for comprehensive student practice.

Math and Your Interactive Whiteboard/Flat Panel
Gain an in-depth understanding of the collaborative features of the interactive whiteboard/flat panel and other technology to help your students meet Common Core Learning Standards in the math classroom. Learn how to implement these tools to enhance instruction and application of these standards in new ways.

Probability in Game Design
Are you looking for new ways to teach probability in your classroom? We’ll share with you some of our PAX East 2017 inspired ideas about teaching probability through game design. This session will provide you will all the resources you need to start a lesson on game design in your classroom right away!
SOCIAL STUDIES

Thematic Essay Design for Social Studies
In this interactive course, you will explore the key elements of the thematic essay. Teachers will learn to use the interactive whiteboard/flat panel, in conjunction with other technology, to help students achieve the skills necessary in this type of essay design.

Geography in the Interactive Classroom
Discover the use of the interactive whiteboard/flat panel as an engaging and innovative way to teach geography. Using Google Earth, SMART Notebook Software, and a variety of interactive resources, educators will learn how to take advantage of the many techniques available to create interactive lessons and help students learn the essential elements of geography.

DBQs, the Common Core, and the Interactive Whiteboard
Learn how to create DBQ activities and templates using primary sources from the National Archives, the Library of Congress, and more. We will show you how your interactive whiteboard/flat panel software and other technology can help students understand how to respond to various types of document-based questions.

SCIENCE

Digital Manipulatives for the Science Classroom
There are a large variety of resources on the web to support science curriculum for all grade levels. These include Shockwave Flash and HTML5 simulators, Java applets, and a plethora of Flash videos. We will discover how to locate, download, and make good use of these high-quality teaching aids.

Digital Lab Reports
Leave the handwritten lab report behind with Teq’s course on digital lab reports. Learn how to create top-notch interactive lab reports using a variety of collaborative tools. Enhance your students’ work and strengthen their understanding with the creation of media-rich final projects that can easily be shared with teachers and peers.

Cool Peripherals for the Science Classroom
Labs are full of amazing instruments including microscopes, sensors, and probes. Learn how to integrate these relatively inexpensive items into your science curriculum and enrich your students’ science experiences.

Labdisc
Learn how to use Labdisc, an engaging data collection tool, to help bring your Science Experiments and Science Lab Requirements to a whole new level. Labdiscs can be used for a variety of STEM and Science experiments, assisting in the scientific process. You’ll learn how to set up your Labdiscs, collect, analyze, and export data, through a variety of different classroom experiments.

NAO

NAO and Choregraphe - Part 1
Foster STEM-based skills that can lead your students toward careers in software engineering, artificial intelligence, and more. Learn how to use the Choregraphe software in order to easily program the NAO Robot. Walk away with the ability to connect your robot to a computer and create, save, and play simple NAO Robot behaviors.

NAO And Choregraphe – Part 2
Learn to create advanced NAO robot behaviors using the Choregraphe software. Explore how to use Choregraphe's easy-to-use platform to make NAO move around, converse with people, and recognize faces and objects.

NAO and Choregraphe - Part 3
Join us as we continue your learning experience with the NAO robot by expanding on some of the commands we have already explored in Choregraphe software. Learn more about movement with the NAO robot and expand your knowledge on some of the more advanced features of programming that are available with Choregraphe and NAO to maximize usability with software and hardware.

NAO and Choregraphe - Part 4
In this course participants will use Choregraphe's timeline feature to create complex custom movements and layer behaviors to make NAO truly come alive!

NAO and Choregraphe - Part 5
Join us to continue building your knowledge of Choregraphe software. Learn how to use NAO’s sensors for robot controls and to enhance interaction with NAO's life-like behaviors.

Choose Your Own Adventure with NAO
Join us as we go through a “Choose Your Own Adventure” activity with the NAO Robot. This activity will have students working in groups, scripting a multi-ending story, and programming NAO using the Choregraphe software.
ADMINISTRATOR COURSES

Technology to Support the Danielson Framework
Learn how your teachers can best incorporate technology resources to demonstrate effectiveness of various components of the Danielson Framework. The Danielson Framework is a constructivist set of instructional components aimed at helping teachers in four domains: Planning and Preparation, Classroom Environment, Instruction, and Professional Responsibilities. From demonstrating knowledge of resources, content and pedagogy, to designing student assessments, we will guide you through our favorites websites, platforms, and software programs for each of the four domains.

Identifying Effective Classroom Technology Usage
What makes a great technology-infused lesson? How can you encourage teachers to better utilize their available classroom technology more effectively? During this session, we will examine the utilization of Interactive Whiteboards, Laptops/Chromebooks, and iPads/Tablets into classroom instruction. Participants will leave this session with an understanding of two popular model frameworks for integrating technology tools: SAMR and T-PACK. Administrators will be better able to motivate their teachers into higher levels of effective technology usage, and teachers will be able to do lesson planning to enable deeper understanding and increased engagement from their students.

Evaluating Effective Classroom Technology Usage
It is easy to walk into a classroom and see that a teacher has something displayed on an interactive whiteboard, but how do you really assess what type of learning is taking place? During this session, we will examine the utilization of Interactive Whiteboards, Laptops/Chromebooks, and iPads/Tablets into classroom instruction. Participants will leave this session able to apply two model frameworks for the integration of technology into classroom curriculum and content: SAMR and T-PACK. We will look at effective tools for evaluation: lesson planning templates and rubrics. If you are concerned that your school technology investments may be underutilized, or you want to highlight your great technology pioneers, this session is for you.

SAMR and TPACK
Teachers have been delivering fantastic lessons for generations, using a wide array of technology, or even none at all. Once technology is made available, how does it get used? This session will explore two paradigms to analyze technology integration within the classroom – the Technological/Pedagogical/Content Knowledge (TPACK) framework, and the SAMR Substitution/Augmentation/Modification/Redefinition (SAMR) framework. Participants will leave with a keener eye towards examining technology usage and some ways to enable teachers to better their own practices.

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4. College and Career Readiness – Creating Middle and High School Programs that will Increase Graduation Rates and Prepare Students for Life Beyond High School

Robert Wayne Harris, Teq’s Chief Learning Officer and former Superintendent of Schools, District Administrator, State Education Department Official, and Teacher has designed course topics and content relevant to today’s district and school leaders, providing the foundation for true educational reform.
Teq Summer Certifications

Throughout the school year, educators face competing interests and demands on their time. When summer rolls around, those daily challenges and interruptions all but disappear, making it the perfect time for comprehensive and cohesive professional development! Educators can select from four unique Teq Digital Teacher Certification courses. Participants will be equipped with best practices for curriculum development, technology integration, teaching and learning, and assessment. At the conclusion of the program, participants who have successfully completed the courses will be awarded with a Teq Digital Teacher Certificate of Completion.

iPad
Effective integration of tablets is a challenge in many classrooms. Beyond simple skill-building apps, how are these devices best used? We’ll introduce users to new workflows using the iPad, to maximize its abilities and create customized content along the way.

Microsoft Office 365
Change the way you plan, teach, and assess your students with Microsoft’s hybrid desktop and online platform. Learn to use this collaborative tool to organize email, personalize websites, and access OneDrive and Office programs from any device.

SMART Notebook
Learn the ins and outs of your interactive whiteboard and its corresponding software with the SMART Learning Suite Digital Teacher Certification course. Learn how to design and manage high-impact, interactive lessons for whole-class instruction and small-group collaboration. Throughout the 5-day course, you’ll review basic lesson creation and advanced lesson development using the IWB/IFP software and built-in tools like lab, response 2, and SMART amp.

G Suite for Education
Learn key strategies for improving workflow between teachers and students, how to increase efficiency in document flow, and various methods to improve communication beyond the classroom walls in this unique set of courses. Together, we’ll focus on G Suite and additional tools, and set the course for participants to become Google educators.

Super Sessions
In addition to our week-long Teq Digital Teacher Certification offerings, we’ve also designed a series of 3-hour Skill Sessions. Each half-day session focuses on one of our most popular technology integration topics. Participants will be equipped with best practices for curriculum development, teaching and learning, and assessment.
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*Teq is an approved New York State CTLE PD provider, and an approved PD provider for teacher certification requirements in Delaware, West Virginia, Nevada, Wyoming, Massachusetts and Montana. Teq certification courses are approved for teacher certification requirements in Nevada. Check with your district for more information on how Teq Online PD can be used for your teaching certification.
Since 1972, Teq has provided the education community with solutions to improve student learning and support sustainable growth.

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