# opd®

The Fusion of
Technology and Learning

**http://opd.teq.com**
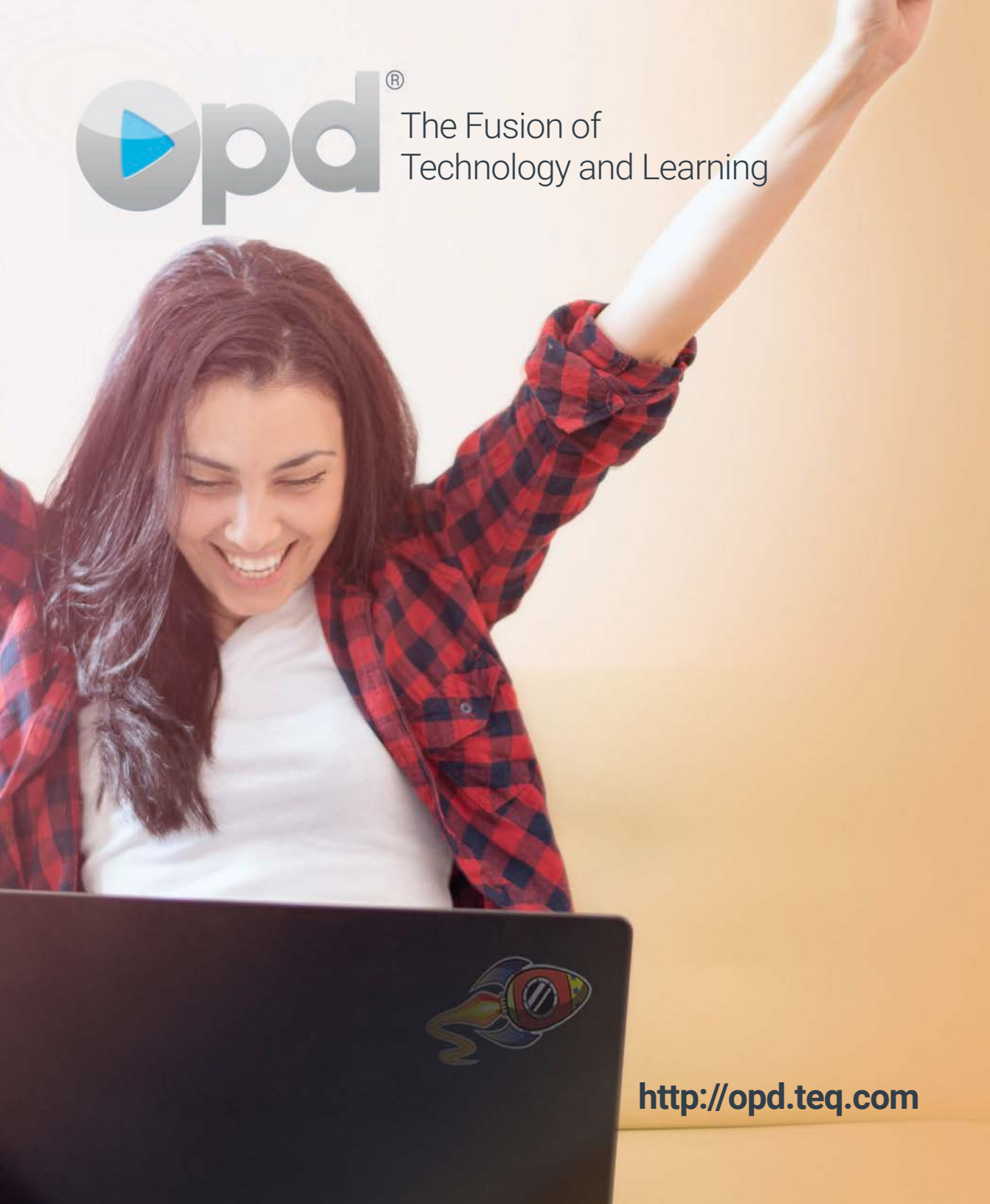
# Your Ed Tech skills will skyrocket!

With **Teq Online PD (Opd)**, educators have access to PD that will boost their technology skills, and provide them with new ways to engage students and improve instruction. Teq PD helps teachers fulfill state-mandated PD hours while learning valuable skills on dozens of technology topics. Administrators can align PD with instructional goals and create personalized PD plans for their staff.
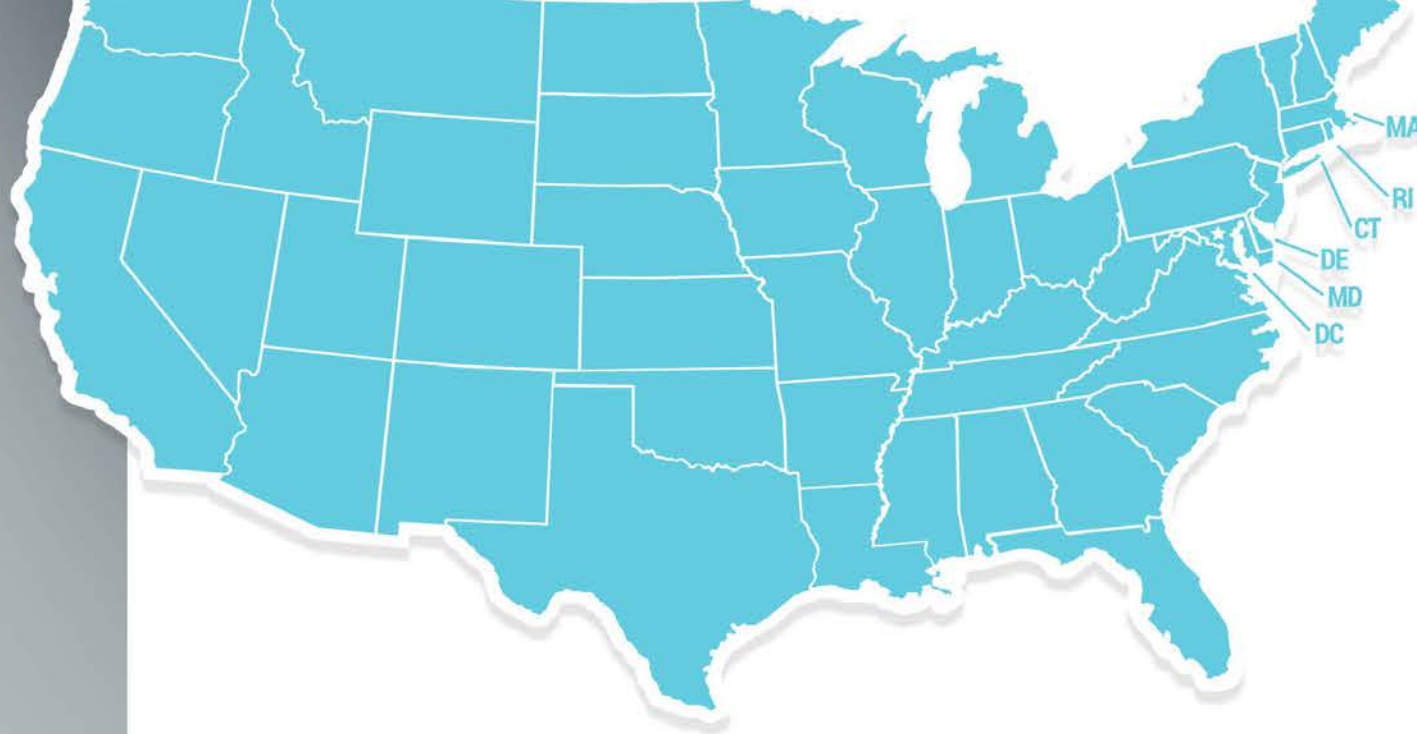
## The Professional Development Team

Teq's PD staff are all state-certified educators with classroom experience.  Priding themselves as veteran educators and edtech experts, you can view their complete bios by visiting:  **http://www.teq.com/pd-bios**

# Easily track your teachers' progress & assign playlists.

### 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, on any device.

### 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.

### 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.

### 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.

## Services We Offer

Opd offers hundreds of online courses and certification tracks as well as a live interactive support function, **nOw Instructional Support**. We are also approved nationwide for state-level requirements for teacher certifications, including CTLE in New York, Act 48 in Pennsylvania, and CPE in Texas. For a complete list of State-Approved Professional Development visit: **http://www.teq.com/state-approved**
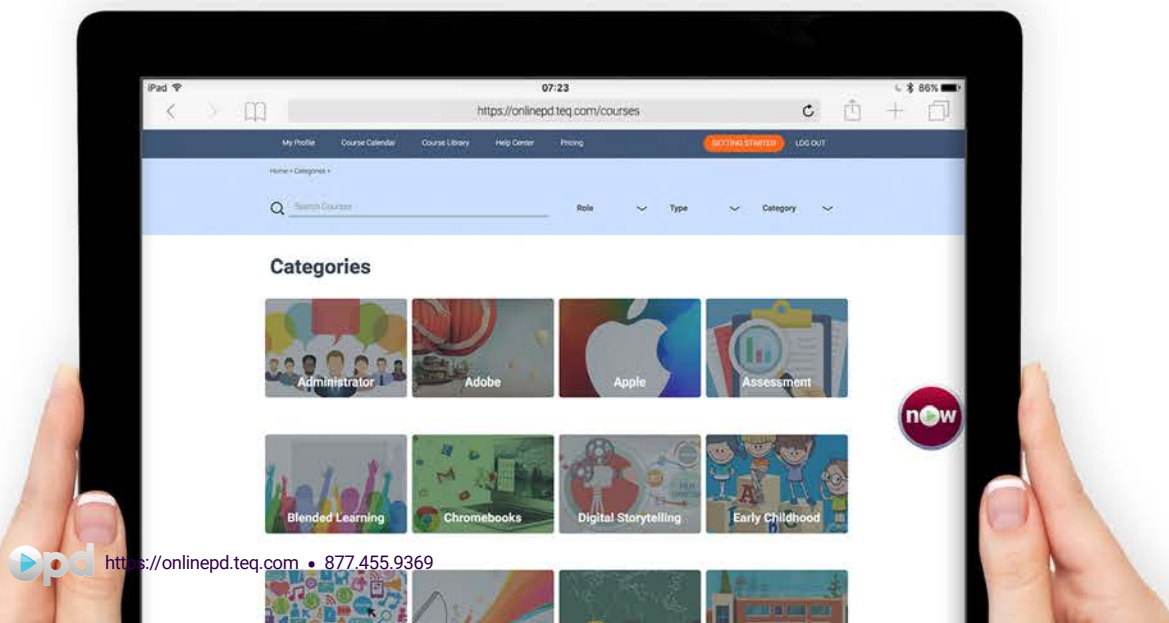
## Digital Teacher Certifications

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.
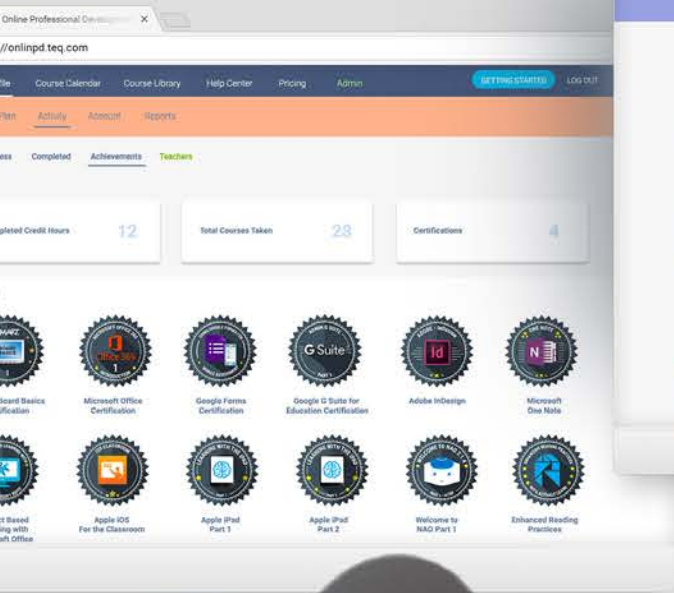


# 97.5%

## Customer Satisfaction Rating

We surveyed each participant to determine the overall Customer Satisfaction (CSAT) with the content and pace of Opd, 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 Opd 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.**
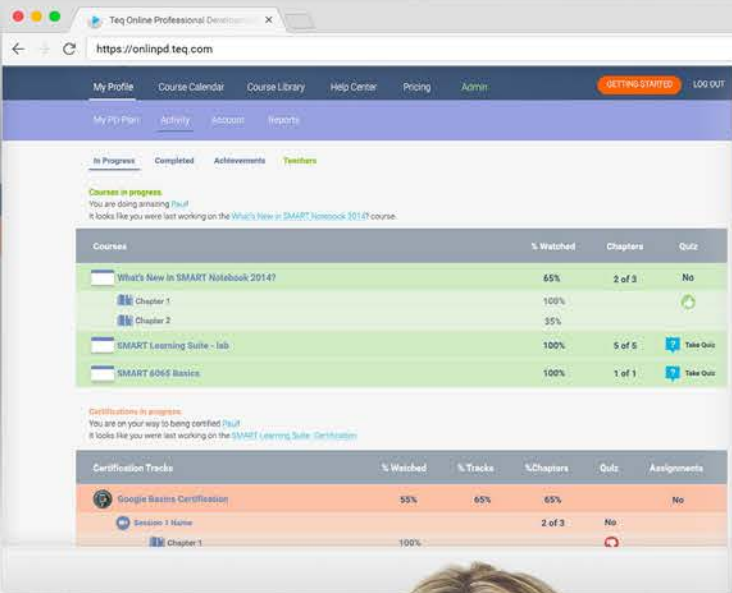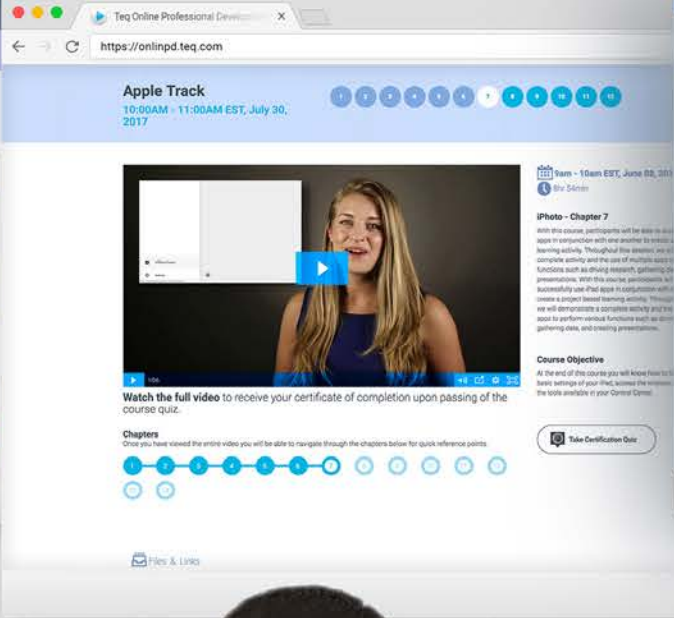
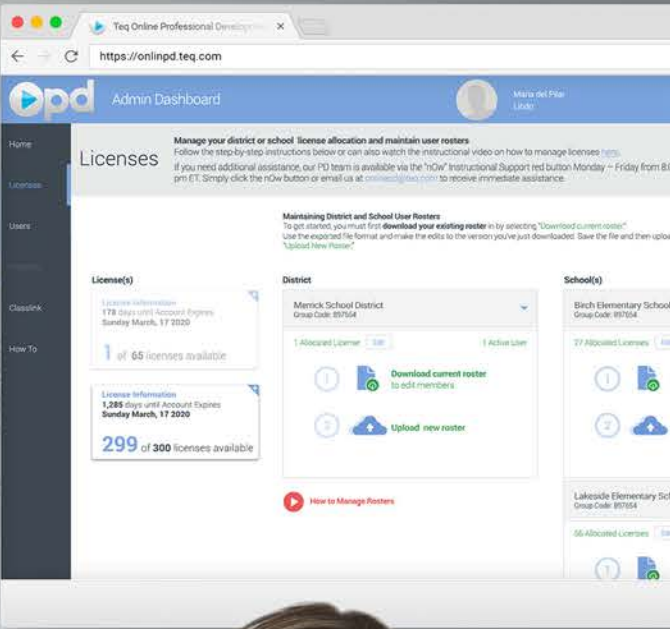**Earn achievements and certifications for all the latest in educational technology.**

**Track your progress as you go!**

**Interactive live courses!**

**Easily manage licenses and playlists from our administrator console.**

# Helping Educators

" Flexibility for teachers to take courses whenever they want. "

**Trish Hinchman,**
Technology Integration Specialist
West Islip School District, NY

# Succeed!

## Customer References.

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## Our Courses Rock!

## Administrator

### Admin G Suite - Part 1

This session is designed for school administrators, instructional technology specialists, or anyone interested in learning how to manage their school or district's G Suite for Admin domain. Using our training domain, we'll explore how to manage users, enable and disable services, and create groups to more efficiently manage daily communication. This course can be viewed in conjunction with Teq's Digital Teacher Certification Google Educator Basics program which covers the use of all things Google, including Google Chrome, Gmail, Calendars, Drive, Sites, Forms and more!

### Administrator Track: Identifying Effective Technology Use

In this first course of our sessions dedicated to administrators, we will focus in on how to identify whether the technology you have invested in is being used to its utmost potential. Whether you are working with interactive whiteboards, iPads, Chromebooks, or tablets, this course will help administrators and their teachers make the most out of the available resources.

### Branding Your School with Social Media

Join Lisa Nielsen, the Director of Digital Engagement and Professional Learning for the NYC Department of Education, as she walks us through how branding your school via school media can impact your student, parents, teachers and even the administrators. You'll be introduced the importance of Social Media as well the ABC's of various social media platforms.

### 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.

### 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? 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.

### 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.

## Adobe Creative Cloud

### Adobe - After Effects I

Come learn about Adobe After Effects, a digital visual effects, motion graphics, and compositing app that is used for keying, tracking, rotoscoping, compositing, and animation!

### Adobe - After Effects II

Come learn more about Adobe After Effects in our Part 2 of the After Effects series. Learn more about digital visual effects, motion graphics, and the compositing app that is used for keying, tracking, rotoscoping, compositing, and animation.

### Adobe - inDesign

In this session, you will learn how to develop multiple paged documents for publication for either print, web, or mobile devices. Using skills and resources designed in previous Adobe applications, participants will be able to create interactive content as a multi-media presentation tool.

#### Adobe Illustrator - Part I

Join us as we begin our set of courses on using Adobe Illustrator. Another key part of the Adobe Creative Suite, Illustrator brings a new level to artwork and creativity as you create more advanced content for print and web design. Join us to learn about classroom relevant application for Illustrator and ways that teachers and students can use this tool to personalize valuable digital content.

#### Adobe Photoshop - Part I

In the first of this 2-part course, we will introduce viewers to Adobe Photoshop and how it can be used by teachers and students for content creation. Join us to learn some techniques to use Photoshop and appeal to the creative side of learners. Sample classroom-relevant content with Photoshop, and learn about the various tips and tools of this program.

#### Adobe Photoshop - Part II

In the second session of this 2-part course, we will continue to look at the tools and features of Adobe Photoshop in the context of classroom-relevant examples. Continue to learn about a variety of techniques to engage students and appeal to the creative side of learners.

#### Adobe Photoshop - Part III

Join us for Part 3 of our Adobe Photoshop track. During this course, we will talk about how you can take your Photoshop creation and expand your use of the content. We will begin to discuss how you can bring Photoshop content into other programs like Adobe Illustrator to expand your use of the Adobe Creative Suite.

#### Adobe Premiere Pro

Learn how to create visually stunning videos anywhere. As a part of the creative cloud you can easily share and upload your videos to your desktop or mobile devices with the moble Premiere app.

## Apple

#### Apple Classroom

Classroom is a powerful mobile device management system built specifically for iPads. With this tool teachers can lock student screens, let students share thier work through the Apple TV, share documents with students, see what students are working on, and reset forgotten passwords! Join us as we show you how to leverage the power of this tool to manage your classroom.

#### iOS 11

In this course, the Curriculum team will explore the most effective and exciting features iOS 11 has to offer! Released in September 2017, the iOS 11 operating system is the most powerful version yet, setting a new standard for all to come. With new multitasking features, Markup options with Apple Pencil, and more potential for augmented reality in games and apps, the updates to Apple's iOS are sure to create more engaging learning opportunities for students in the classroom!

## Assessment

#### Assessment Tools in the Science Classroom

Explore how teachers and students benefit from using iPads in the ELL classroom. For example, did you know that Siri can translate your student's speech to text or voice in another language. Just one of the many features we will discover throughout this course!

#### Digital Teaching and Learning with Nearpod

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

#### Mobile Assessment with Kahoot!

Engage your students with interactive lessons and better your mobile assessment techniques with Nearpod! Let our PD instructors 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.

#### Mobile Assessment with Nearpod

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 that need to be set up. Make sure you join us to learn how to foster social learning and deepen your pedagogical impact with Kahoot!

#### 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. Join us and learn how to use Socrative to engage your students with educational exercises and games and to streamline your workflow by collecting and analyzing data in a paper-free process. Tune in live for some real-time questions Q&A with our moderator in the chat box!

#### Prepping for the Exam

We all know that those big testing days are quickly approaching! Join us as we review some helpful tools to be sure that students are prepared for what lies ahead with various upcoming exams. Learn about some helpful teacher strategies to help gauge student readiness and resources for comprehensive student practice.

## Blended Learning

#### Engaging Students with Video: EDpuzzle

How can you make sure your students are fully understanding the videos and clips you are showing them? Yes, we use videos all the time in our classrooms. Our hope is that we not only increase student engagement, but student achievement as well. EDpuzzle allows teachers to customize a video with embedded questions, voice tracks, and notes. With this platform, you are always in the know of how your students are doing. Teachers can also trim videos for important content, permit scrubbing features and other viewing options, and integrate video assignments with Learning Management Systems such as Google Classroom and Edmodo. Join our curriculum specialists for an exciting and informative course on ways to take advantage of video in your classroom!

#### 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, join us for this informative PD!

#### Everything Educreations

Flip your classroom and provide useful screencasts to students both in and out of the physical classroom with Educreations. Learn how Educreations can be used to create classes, enroll students, build courses, and share screencasts!

#### Game-Based Learning

Game-Based Learning is a phrase often confused with Gamification or gaming. In this course, we will share with you our 5 favorite Game-Based Learning activities to start using in your classroom right away! You will also learn about some ways you can gamify your classroom with or without computers! To learn more about Game-Based Learning and Gamification before this session check out our blog at Teq.com!

#### Gamification

Gamification is a way of cultivating motivation in your students by using games that have educational goals and levels which provide increasingly challenging content. Join us as we show you 5 of our favorite Gamification resources to use in your classroom! To learn more about Game-Based Learning and Gamification before this session check out our blog at Teq.com!

#### Introduction to Prezi

Prezi is an online presentation tool that uses unique techniques to create beautiful and engaging online presentations. With collaborative components and multiple ways to add rich media, this free software is excellent for having your students create digital presentations. Learn how to use this dynamic virtual space to engage your students and have them create 21st century content.

## Just Flip It!

The flipped classroom is growing in popularity and now it's time for you to see what all the fuss is about! Learn the benefits of the flipped classroom, from creating an active learning environment in the classroom to turning the teacher into a facilitator, and explore what tools and best practices can be implemented to successfully Flip a lesson in your classroom.

## Social Media in the Classroom

Social media has become 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'll show you how to use Twitter, Facebook, Instagram, and Pinterest to grow your own education-focused network to communicate with your students inside and outside of the classroom.

## Web Safety for Students

Have you ever heard of the term 'digital citizenship?' As 21st century learners, it is important that our students practice good digital citizenship when working with various technology platforms. Join us as we explore best practices for digital citizenship and various resources which help teachers model and teach the importance of it in the classroom.

## Chromebooks Google

### Administering Chrome Devices

Once you have set up your Google Apps 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 experience. Join us for Administering Chrome Devices where we 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!

### Chromebooks: Bringing it to the Classroom

The second installment in our Chromebooks Concentration Series walks you through the steps to plan and set-up Chromebooks in your classroom, while discussing behavior management techniques at every step. Then, we arm you with a plethora of apps and extensions that may be beneficial to your classroom such as Turn Off the Lights, Google Keep, and Google Cast.

### Chromebooks: Building Your Foundation

Are you already well versed in the usage of Google Apps, or have you just finished our Digital Teacher Certification (DTC) series on Google Educator Basics, and now you're expected to integrate Chromebooks in your classroom? Fear not, as Chromebooks may use the same apps that you already know, or just learned about. However, having these devices, especially in a 1:1 classroom will take more expertise than that. In the first of this three-part Chromebook series, you will learn some introductory tips, device management techniques, and troubleshooting go-tos. If you have a Teq DTC in Google Educator Basics, completing this series awards you a concentration certificate in Chromebooks.

### Chromebooks: Transforming Your Teaching

In the last session of our Chromebooks Concentration Series, we bring it all together by discussing ways to redefine learning with technology with assistive techniques, setting up effective feedback mechanisms, and developing ways to facilitate successful problem solving. We will also examine best practices when it comes to introducing Chromebooks and discussing digital citizenship. Remember, if you have a Teq DTC in Google Educator Basics, completing this series awards you a concentration certificate in Chromebooks.

### Effective Chromebook Use in the Classroom

Join us to learn about the basics of using your Chromebook in the classroom. We'll discuss how the setup of the Chromebook including the differences if you are using them with management licenses. You'll also learn some best practices for Chromebook use and some ideas about how your teachers and students can use the Google apps and the Chromebooks to create exciting and engaging learning opportunities in the classroom!

### Finding the Right Ratio: PBL and Chromebooks

What would humans look like if they were capable of muscle-powered flight? How long would their bird-like wings need to be in relation to their height and weight? Join us to dissect this unique project based learning activity in which students explore these questions using the tools available on Chromebooks. By the end of this session, you will have the know-how and means to deliver this lesson in your classroom right away!

### Google Chromebooks & Mobile Devices

Has your school joined the movement of providing students with greater access to individual devices? Whether your school has a fully-involved 1:1 device initiative or you get periodic access to a classroom cart, it's important to know how to get the most out of what's available. Explore two of the most popular devices available for the classroom - the Chromebook and the iPad - and learn how to use their unique functions with Google Drive in order to create compelling and effective lessons for your students. This course is a part of Teq's Google Education preparation program, an eight-part course that covers the use of all things Google, including Google Chrome, Gmail, Calendars, Drive, Sites, and more. Elective courses, including topics such as Chromebooks, mobile devices, the Google Apps admin panel, and project-based learning with Google, are also available.

## Digital Storytelling

### Choose Your Own Adventure Storytelling

Choose Your Own Adventure stories are an exciting alternative to traditional stories because they allow the student total control. Join us as we explore how to use this popular format for children's books to teach ELA standards such as narrative, drafting, and text structure in new ways. This activity will have students working in groups, creating storyboards, scripting out a multi-ending story, and then publishing their story on one of multiple platforms. Learn how we can incorporate crucial literacy skills and pair it with creative uses of technology now available.

### Digital Storytelling with iMovie 10.1

Things are getting spooky around here at Teq! In preparation for Halloween, the PD team has prepared an exciting session that will discuss how teachers and students can utilize iMovie 10.1 to demonstrate creativity and convey elements of effective storytelling. We'll point out useful updates and fantastic features including Trailer Templates, Storyboards, and Outlines that will help transform the ordinary classroom into an innovative film studio! See you there in your scary-wear!

## Early Childhood

### Early Childhood Learning with SMART Notebook

Join our Curriculum Specialists as we help to build your students' knowledge of colors, shapes, letters, and sounds using the SMART Learning Suite. We'll also take a look how you can incorporate objects, numbers, and counting techniques into your SMART Notebook software to enhance the skills of your young learner. Preschoolers and young students are excited about learning and SMART Learning Suite's robust features can be used to seamlessly create interactive, engaging, and motivating lessons so that their love of learning only continues to grow as they do. After this session, you'll be able to take away a multitude of new found skills to generate activities for your Pre-K to K students as they develop social and academic skills.

### Morning Meeting

Morning Meeting is a fun and engaging way to start the day, build a sense of comradery, and sets your students up for success. Join us as we look at some great activities to use with your SMART Notebook software and other great resources. We will be checking out different ways to take attendance, talk about the weather, do the calendar, look at the schedule for the day, and more!

### Using the SMART Board for Early Childhood Literacy

In this session, we will look at how literacy teachers can inspire and motivate students using online resources and technology through the SMART Board. We'll take a look at some tips and tricks you can use to make decoding and phonics simpler for your students. We will explore different online resources in order to create lessons and then dive into the SMART Notebook software to explore various features you have access to in order to build custom activities with your students such as the gallery and SMART Speller. By the end of this session, you will come away with multiple skills to begin generating differentiated multimedia lessons for whole class instruction and center use.

## Educational Frameworks

### Making Your Token Economy Digital

Token Economies are a Positive Behavioral Intervention and Support (PBIS) used to recognize students for meeting goals. While the idea of giving a student a reward for meeting a goal hasn't changed, the structure of keeping track of these rewards and distributing them has. Join us as we show you how to free yourself from the problems of lost, damaged, or stolen physical tokens, and create your own digital token economy.

### Technology to Support the Danielson Framework Domain 1

In this first of four-session series, we'll explore how you can best incorporate technology resources to demonstrate your effectiveness of various components of Domain 1 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, our curriculum specialists will guide you through their favorites websites, platforms, and software programs for Planning and Preparation!

### Technology to Support the Danielson Framework Domain 2

Join our Curriculum Specialists as we explore a variety of resources and technology to support Domain 2 of the Danielson Framework, focusing our attention on your efforts in creating an exceptional classroom environment. We'll discuss establishing a classroom environment full of respect and rapport, organizing the physical space, and creating an atmosphere for students that is not only safe and comfortable, but gives all students the feeling of success. Teachers and students begin to work together to establish routines, behavior management strategies, and everyday procedures, fostering a professional learning setting for all parties involved. As a result, there is mutual respect, understanding, and ultimate success for both teachers and students.

### Technology to Support the Danielson Framework Domain 3

Are you struggling to engage your students in learning? Do you ever ask yourself, "how can I bring this complex content that MUST be taught to life for my students?" If you answered yes to all these questions, then you're in the right place! Our curriculum specialists will guide you through a variety of resources and technology to support Domain 3 of the Danielson Framework, Instruction, where their focus will be to provide strategies for improving your communication with students, introduce different techniques for questioning and discussion, and enhance your flexibility and responsiveness during any type oflesson. Here in Domain 3, teachers execute the plans that they previously created in Domain 1: Planning and Preparation. This domain is considered the heart of teaching and we are more than excited to support your passion for instruction as weboost students' passion for learning!

### Technology to Support the Danielson Framework Domain 4

Teachers face countless choices daily when it comes to their students, lesson planning, parent interaction, and the environment of where learning takes place. With a profession as challenging as teaching, self reflection is beneficial for teachers as it presents opportunities for growth. Thinking about what works, and why it works as well as what didn't work and why it didn't work plays an integral role in the development of becoming a better teacher and role model for students. Join our curriculum specialists as we go through strategies for reflecting on teaching, maintaining accurate records, communicating with families, participating in the professional community, growing and developing professionally, and showing professionalism all while creating engaging lessons for our students and keeping students informed, motivated, and improving performance. As the final session of our Technology to Support the Danielson Framework series comes to a close, we will help support you as you juggle the many responsibilities assigned to you.

## ELA

### Close Reading in the Elementary ELA Classroom

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 technology such as SMART Notebook software, Subtext, and Actively Learn, students will read complex text, gather evidence from the text and respond in detail. This course focuses on using these tools in the Elementary ELA classroom.

### 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!

### 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 through web tools and applications such as Edmodo, Padlet, Popplet, OneNote, Evernote, and Google Docs.

### Enhancing the Writing Process with Edublogs

In this course you will learn about Edublogs, a web-based blogging platform powered by Wordpress. The benefits of using Edublogs rather than Wordpress in the classroom are the added features, themes, and plugins that are suited just for education. In addition, when joining Edublogs, you and your students are joining a supportive community of people in education with similar goals and ideas.

### Evaluating Web Resources(TEKS ELA)

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 TEKS standard 110.25. 8A ((8)  The student reads critically to evaluate texts in order to determine the credibility of sources. The student is expected to: (A)  evaluate the credibility of informational sources and their relevance for assigned and self-selected topics) and help your students avoid citing hoax websites, dodge pitfalls in the research process, and discern fact from fiction.

### Explanatory and Informative Writing in the ELA Classroom

Discover the best web tools, apps, and Notebook techniques to strengthen students' explanatory/informative writing skills. Through the use of tools such as EverNote, OneNote, 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.

### Google PBL Activity for the ELA Classroom

See how Google can improve the quality of your project-based learning activities, with Teq's Google PBL Activity for the ELA Classroom! Learn how these Google-based PBL activities can increase the critical reading and thinking skills of your students, as well encourage them to better communicate and collaborate with their peers. This course will give you the skills to use Google's free tools in order to promote the key elements of PBL, such as research, collaboration, gathering (and analyzing) feedback, and presenting knowledge, in your classroom. This course is a part of Teq's Google Education preparation program - an eight-part course that covers the use of all things Google, including Google Chrome, Gmail, Calendars, Drive, Sites, and more.

### 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.

### OpenEd in the ELA Classroom

Come take a look through the largest organized resource library for K-12 teachers - the right resource available for each and every standard and student. Our PD specialists will explore OpenEd with you and show how teachers can

utilize this platform in their ELA classroom. From quizzes and formative assessments, to homework assignments and lessons, OpenEd automatically grades for you! Students love OpenEd in the ELA class due to the fact that videos and games are recommended to them based on their performance. There is a resource aligned to every single Common Core ELA standard.

### PBL for ELA

See how technology can improve the quality of your project-based learning activities. Learn how to implement PBL activities to promote critical thinking, communication, and collaboration in your ELA classroom. In this course, you will learn how to use various tools to promote the key elements of PBL, such as research, collaboration, gathering (and analyzing) feedback, and presenting knowledge in your classroom.

### Redefining Creative Writing Prompts: Story Dice

While attending PAX 2017 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! We will also give you 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.

### Testing Tools in the Common Core ELA Classroom

Join us as we review some helpful end-of-year tools, in order to ensure students are prepared for what lies ahead with various upcoming exams. Learn helpful teacher tools to gauge student readiness and resources for comprehensive student practice.

## ENL/ELL

### Duolingo -Become a Certified Educator

Looking for new ways to help your English Language Learners or Foreign Language classes learn? Duolingo for schools is fun, free, and proven to be an effective tool in language-learning! Join us as we introduce you to the platform and walk you through the simple steps to become a Duolingo For Schools Certified Educator!

### Google Tools to Support English Language Learners

Are you looking for ways to use Google Tools to support an English Language Learner (ELL) in your classroom? In this session we will show you how to use add-ons like Google Translate, and extentions like Read Write, Google Input Tools, and Google Dictionary to better support your ELL students.

### Lesson Planning for ENLs

It may be difficult to know how to fully support an English as a New Language Learner (ENL) in your classroom. There are many strategies and resources out there like Colorin' Colorado!, free graphic organizers, and lesson plans that can help you if you know where to look! In this session, we will look at some of those resources, and lesson planning strategies to help you support your students.

### Listen Current for English Language Learners

Listen Current brings engaging non-fiction stories to the classroom and helps students stay connected to the real world by curating the best of public radio. Listen Current provides lesson plans and examples to help students enhance listening skills and help teachers differentiate and make current events fun and interesting. Join us to learn about how to use Listen Current to enhance a variety of subject areas.

### Listenwise

Listenwise is a great podcast-based resource to support your auditory and English Language Learners across all subjects. Motivate your English Language Learners to advance their listening skills with Listenwise's carefully curated collections. With interactive transcripts, tiered vocabulary, and reduced audio speed, Listenwise helps to improve comprehension and expand vocabulary. Great for beginner to advanced learners! Join us as we explore the content provided by Listenwise and make suggestions for use in your classroom!

### Using QR Codes and Augmented Reality Technology to Support English Language Learners

Join us to learn some new and creative ways to support your English Language Learners. In this session you will learn some ways to use QR codes in the classroom and how to add information to your own QR code. You will also

be introduced to some Augmented Reality applications and ways to use them to support your English Language Learners!

### Web Resources for ELL Teachers

Educators work extremely hard to ensure their English Language Learners' needs are are met. They want to make sure their students are not only learning, but developing skills to use in their futures during the school year. There can be a variety of challenges teachers face when trying to master this task as they are often overwhelmed by the differences in each classroom.

## General Interest

### Brain Breaks for Movement and Alertness

According to a growing body of research, scheduled movement in the classroom has positive effects on cognitive development. In this session we will share with you our top energizing brain breaks for the classroom to give your students the mental breaks they need to refocus the physical and mental state. Some breaks we will discuss are 5-4-3-2-1, movement songs, and Ear Nose Switch. Don't miss out on all the tips and advice this session has to offer to help you incorporate brain breaks in your classroom in a positive, and meaningful way!

### Intro to GamerScore

Wondering how to introduce Gamification into your classroom? Do you want to learn a new way to motivate your students, and don't know where to start? Join us as we explore the topic of GamerScore and give you a starting structure to use in your classroom!

### Mindfulness Activities

Do you find your students drifting away to a dream land during the day? Students have a limited attention span and getting students to refocus once they start day dreaming can be hard. Join our curriculum specialists as we explore some activities for mindfulness to help your students be fully present and aware of what is happening in your lesson.

### Recording Podcasts with Audacity

Join us as we use Audacity to record, edit, and create podcasts. Engage students with a new method of

presentation, and encourage them to use their creativity and broadcasting skills from multiple devices. Also learn how podcasts can be used by the teacher to communicate with students in a new way.

### Resources to Support Common Core State Standards

This course will help educators learn how to use modules that have been set up by Engage NY in conjunction with other resources to enhance their Common Core classroom. We will focus on integrating digital tools and manipulatives in order to increase student engagement and understanding while being sure that standards are being met in an ideal way.

## Google Google

### Age of Exploration with Google Tours

Join us as we use Google Earth Tours to recreate the routes of three famous explorations in History: Columbus's journey to the new world, Lewis and Clark's quest for westward expansion, and Amelia Earhart's brave flight around the world! This course will show you how to add content to tours with voiceovers and pop-up balloons. Our goal with this course is to leave you with a tool and activity you can use and implement in the classroom immediately.

### Better Bookmarks

Some days we have so many ideas running through our minds it's hard to keep track. Do you ever wish you could capture specific aspects of resources found online like a photo on a digital poster, jot down voice memos, or tag resources to find later? Join us as we explore the many benefits of using apps like Diigo and Google Keep to organize those ideas and save them for those rare days when we do have time.

### Going Further with Google Classroom

Google has been making consistent updates to its easy-to-use Learning Management System, Classroom. Join us as we explore the process of creating, submitting, and checking assignments through 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!

**Google Classroom for the New School Year**
Welcome back educators! If you've been gone for a couple of months, or you're just starting to use Google Classroom, we'll help you get your Classroom up and running for the start of the 2017-18 school year.

**Google Classroom Updates**
Join us for our Google Classroom updates session, in which our curriculum specialists will show you some of the latest changes to Google Classroom from August of 2017. Learn how these updates can enhance your classroom, student and teacher workflow, and Google Classroom experience.

**Google Forms**
Google Forms is one of the core G Suite apps. It is a multipurpose tool that allows administrators, teachers, and students an easy way to collect and organize information, big or small. Plan events, survey parents, create a quick opinion poll for students, create quizzes and informal assessments for a lesson, export data to a Google Sheet to analyze trends, and collect a multiude of information in a steamline, easy way. Come join our curriculum specialists as they walk you through the process to begin incorporating Google Forms in your classroom!

**Google Forms: Quizzes**
Who says quizzes can only be taken with pen and paper? Teachers can now create assessments within Google Forms to allow students to complete tasks at their own pace. In this session, our PD specialists will demonstrate how this feature allows teachers to see a summary of results to determine individual students' or the whole class' comprehension level. In addition, we will discuss how teachers can determine what information is made visible to students upon completion.

**Google Hangouts**
Do you need support with enriching your students' learning experience? Google Hangouts is one of the G Suite for Education core services. It is an effective tool in making connections, working collaboratively and introducing the wider world to your students. Come join our PD Staff as they explore a step-by-step process of getting started with

Hangouts and introduce you to ways you may incorporate this application in your day-to-day classroom instruction.

**Google Innovator Throwdown Highlights**
One of our curriculum specialists attended a Google Innovator Throwdown event at Google's Headquarters in NYC. In this session, she will share her top takeaways from that event including Doctopus, Goobric, ClassHook, autocrat, formRanger, and copyDown.

**Google Sites**
Google Sites is a part of the G Suite Collaboration Series. Recent updates have made site creation much easier! Join us for planning and creation tips to construct a multi-page site with an attractive layout and content. Use this site for your students, parents, or collaboration with fellow teachers!

**Intro to Google Classroom**
Join us as we dive into Google Classroom. 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.

**Preparing Your Google Drive for a New School Year**
Teacher-created content, student assignments, lessons for presentation -- there are a lot of materials that may be crowding up your Google Drive. Join us as we discuss some best practices and techniques to organize content you may be storing in your Drive. We will cover practices of uploading and converting content, creating nested folders, and simple workflow techniques which will help you get the year started on the right foot using your cloud-based storage in Drive.

**Digital Teacher Certification (DTC)**
**Google Educator Basics**
With this certification backed by Teq you will be more than prepared to assist your peers with their questions and even move on to take the Google Educator Level 1 exam.

DTC Session 1 - **Introduction**
DTC Session 2 - **Support**
DTC Session 3 - **Chrome and Keep**
DTC Session 4 - **Drive**

DTC Session 5 - **Optimizing Communication**
DTC Session 6 - **Organizing and Communication**
DTC Session 7 - **Docs and Collaboration**
DTC Session 8 - **Forms**
DTC Session 9 - **Sheets**
DTC Session 10 - **Slides**
DTC Session 11 - **Classroom**
DTC Session 12 - **Assignment Workflow**
DTC Session 13 - **Sites**
DTC Session 14 - **Collaboration & Drawings**

# iPads  iPad

**Apple iPad apps: ELA**
See some of our favorite Apple iPad apps for use in the ELA classroom! We will demonstrate the use of English Grammar quizzes for kids with the use of mobile devices, show you how you can easily transform hard copied documents and articles to your device for translation and edits, and provide instruction for English Language Learners through completely free applications.

**Apple iPad apps: Math**
In this course, you will be introduced to some of the latest and greatest apps to use in your Math Classroom! From turning your iOS or Android device into a free graphing calculator to having a personal tutor at your fingertips, we have the apps for you! Join us as we introduce a few of our favorite apps that can work with any math subject: geometry, algebra, calculus, and more!

**Apple iPad apps: Science**
Join our PD team as we explore some of our top educational apps in science. Remember building a solar system in school? We have an app that will take this project to a whole new level with more interactivity than ever before. In addition, we will explore our universe and galaxies through mobile devices as well as working with topics for elementary students.

**iTunes U Course Manager**
Learn how to create and manage courses and materials using the iTunes U Course Manager. This organizational tool is full of quality educational content including iBooks,

podcasts, documents, and more! Perfect for the blended classroom and free to use, iTunes U Course Manager enables you to share content with your students directly to their iPhone, iPad, or iPod Touch.

**Learning With the iPad - Part 1**
Educators nationwide are describing the iPad as a revolutionary learning tool. Discover why in this session. See how the iPad can enliven and expand the possibilities of your classroom. In this course, we will highlight some ways to use the iPad as a teacher-driven tool to enhance instruction. Learn about ways to project information from your iPad and to set up techniques to enhance instructional practice. We will discuss a number of apps to assist with classroom instruction and management for the teacher to expand the use of these tools in daily lessons.

**Sheets and Forms with Numbers on the iPad**
In this course, you will learn how to incorporate Numbers software into your curriculum using the iPad or other Apple mobile devices! Learn to create spreadsheets and interactive charts, graphs, and tables in the context of a comprehensive lesson. Numbers provide an easy way for students to collect and analyze data and create models to display the data in various ways. This course will review the basic and advanced features to help maximize its use in the classroom.

**Using your iPad to Support English Language Learners**
Explore how teachers and students benefit from using iPads in the ELL classroom. For example, did you know that Siri can translate your student's speech to text or voice in another language? Well, that's just one of the many features we will discover throughout this course!

# Math

**Best Web Resources for the Math Classroom: Part 1**
Learn how to create a link, and execute an advanced and targeted Google search to find the best web tools for any given math topic. We will explore a number of various websites which will assist with mathematics instruction and practice. Join us to add these resources to some of your new favorites!

### Best Web Resources for your Math Classroom: Part 2

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.

### Connecting Tools in the TEKS Math Classroom

Join us as we discuss and demonstrate a variety of instructional tools to aid in achieving Essential Knowledge and Skills for Mathematics in the TEKS math classroom. We will take a look at classroom-relevant examples and share a number of resources that can assist with the process of problem solving, modeling, and mathematical reasoning.

### Digital Tools for Elementary Math

This course explores a few resources useful for teacher modeling and student exploration in elementary math. Each resource is used for standards in multiple grades. If you're an elementary math teacher looking for ways to incorporate some digital tools into your repertoire, this course is for you.

### Math and Your Interactive Flat Panel: K-2

Math can be a difficult subject for students to understand and teachers to teach. Join our curriculum specialists as we explore topics such as annotating on your flat panel, digitizing content, and importing questions from tests to bring your math classroom into the 21st century with your IFP.

### Math Notebooks in the Digital Age

Leave the handwritten "Math Notebook" behind with Teq's Math Notebooks in the Digital Age course! Learn how to create top-notch interactive math notebooks using a variety of collaborative tools in order to enhance your students work and strengthen their understanding. Teach your students to organize and synthesize their thoughts, build a portfolio, and take ownership of their own learning! WIth Digital Math Notebooks, students can create a resource they could refer back to for years!

### OpenEd in the Math Classroom

Come take a look through the largest organized resource library for K-12 teachers; the right resource available for each and every standard and student. Our PD specialists will explore OpenEd with you and show how teachers can utilize this platform in their math classroom. From quizzes and formative assessments, to homework assignments and lessons, OpenEd automatically grades for you! Students love OpenEd in the Math class due to the fact that videos and games are recommended to them based on their performance. There is a resource aligned to every single Common Core Math standard.

### Pi Day Lessons and Activities

Join us for a fun-filled course with a variety of Pi day activities that can be used to educate students on the importance of 3.14... while engaging them in enjoyable classroom content. Make March 14th a holiday in your math classroom with some of our lesson suggestions!

### Probability in Game Design: Dice

Are you looking for new ways to teach probability in your classroom? Join us as we share with you some of our PAX East 2017 inspired ideas about teaching probability through game design! This session will provide you with all the resources you need to start a lesson on game design in your classroom right away!

### Testing Tools in the Common Core Math Classroom

We all know that end of year testing is quickly approaching! Join us as we review some helpful tools to be sure that students are prepared for what lies ahead with various upcoming exams. Learn about some helpful teacher tools to help gauge student readiness and resources for comprehensive student practice.

### Using EngageNY to Enhance the Elementary Math Classroom (K-5)

This course will help educators learn how to use modules that have been set up by Engage NY to enhance their Common Core classroom. We will focus on integrating digital tools and manipulatives in order to increase student engagement and understanding while being sure that standards are being accomplished in an ideal way.

## Microsoft ▦ Microsoft

### Better Student Handouts with Publisher

Join us to learn about Microsoft Publisher and how to create engaging handouts with it. Learn to swap pictures in your design, use professional looking effects, import online pictures, and use pictures as backgrounds!

### Clerical Applications: Excel

Join us for our second session of our Clerical Applications Series! In our first session we focused on Microsoft Word and in this session we will be working with Microsoft Excel. Our curriculum specialists will show you 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 for your staff.

### Clerical Applications: Word

Join us for our first ever Clerical Applications series! For our first session we will be focusing on Microsoft Word. Our curriculum specialists will show you how to format your 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.

### Microsoft Excel

Excel is a powerful tool for working with data, perfect for gathering and analyzing data to inform instruction. Explore the basics of data and inputting information, including how to use equations, and format cells to analyze and display that information. We'll also cover how students can use this software to do the same in order to show their learning.

### Microsoft Sway

With Microsoft Sway you can create reports, presentations, newsletters, and personal stories. In this session we will show you how to use this powerful tool to switch layouts, styles, select images, use Remix, and add content.

### Digital Teacher Certification (DTC)
### Microsoft Office 365

Earn your Digital Teacher Certification by learning the ins and outs of Microsoft Office 365 with our 14 part certification series.

DTC Session 1 - **Introduction**
DTC Session 2 - **OneNote and OneDrive**
DTC Session 3 - **Planner and Outlook**
DTC Session 4 - **Word**
DTC Session 5 - **Delve**
DTC Session 6 - **Yammer and Publisher**
DTC Session 7 - **Excel**
DTC Session 8 - **Forms**
DTC Session 9 - **PowerPoint**
DTC Session 10 - **Teams**
DTC Session 11 - **Sway**
DTC Session 12 - **Office Mix & Stream**
DTC Session 13 - **Skype**
DTC Session 14 - **Final Assignment**

## Mobile

### Best Practices with Mobile Assessment

Assessments help teachers gauge students' level of understanding, and the data gathered informs your instruction. Join us for this exciting webinar in which the PD team will take a close look at SMART response 2. This Notebook 16.1 feature enables students to participate in teacher-created assessments via personal devices of nearly any variety. We'll see how teachers are able to save results for future reference and gain a holistic view of class comprehension.

### QR Codes in the Classroom

QR codes are popping up everywhere—on movie posters, ads, signs, and in classrooms. These "Quick Response" codes take us quickly to data and information for learning. In this session, we'll explore how QR codes work and ways that teachers are using them in instruction.

### Using Google Forms for Mobile Assessment

This session covers how to use Google Forms to create self-grading assessments. Forms are one of the most versatile tools Google has to offer. From collecting data, peer reviews, formative assessments, and more, see the variety of ways that Google Forms can be implemented in your classroom.

## Programming

### Going Further with Scratch

Did you watch our Intro to Scratch course? Did it leave you wanting more? Or maybe your 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 has to offer and create more complex code!

### Hour of Code: Code-Bots
Its Hour of Code Week! In this course we will be exploring some new and exciting coding applications to take you and your students beyond the hour of code activities provided by Code.org. Join us as we move away from those online coding programs and towards using robots, specifically the code-a-pillar and the bee-bot.

### 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!

## Project-Based Learning

### Intro to Project-Based Learning
Join us to learn about the basics of implementing project-based learning (PBL) in your classroom to create engaging and authentic learning activities. We'll cover key points for a successful PBL activity, important considerations, and resources to assist both you and your students.

### Project-Based Learning for ENL/ELL
See how technology can improve the quality of your project-based learning activities. Learn how to implement PBL activities to promote critical thinking, communication, and collaboration with your ENL/ELL students. In this course, you will learn how to use various tools to promote the key elements of PBL, such as research, collaboration, and gathering (and analyzing) feedback.

### Project-Based Learning with Google for the ELA Classroom
See how Google can improve the quality of your project-based learning activities. Learn how to implement Google-based PBL activities to promote critical thinking,

communication, and collaboration in your classroom. In this course, you will learn how to use Google's free tools to promote the key elements of PBL, such as research, collaboration, gathering (and analyzing) feedback, and presenting knowledge in your classroom.

### Project-Based Learning with Google for the Math Classroom
See how Google can improve the quality of your project-based learning activities. Learn how to implement Google-based PBL activities to promote critical thinking, communication, and collaboration in your classroom. In this course, you will learn how to use Google's free tools to promote the key elements of PBL, such as research, collaboration, gathering (and analyzing) feedback, and presenting knowledge in your classroom.

### Project-Based Learning with Google for the Science Classroom
See how Google can improve the quality of your project-based learning activities. Learn how to implement Google-based PBL activities to promote critical thinking, communication, and collaboration in your classroom. In this course, you will learn how to use Google's free tools to promote the key elements of PBL, such as research, collaboration, gathering (and analyzing) feedback, and presenting knowledge in your classroom in the context of a science lesson.

### Project-Based Learning with Google
See how Google can improve the quality of your project-based learning activities. Learn how to implement Google-based PBL activities to promote critical thinking, communication, and collaboration in your classroom. In this course, you will learn how to use Googles free tools to promote the key elements of PBL, such as research, collaboration, gathering (and analyzing) feedback, and presenting knowledge in your classroom.

### Project-Based Learning with the iPad
Explore how teachers and students benefit from using iPads in the classroom. Work with apps and see how they facilitate research on a topic, in order to create a product and share this creation with others. This course supports multiple Common Core Standards, including Writing W.3 and W.6

## Promethean

### Going Further with Promethean ActivInspire
Learn how to create content in Promethean's ActivInspire software to make your own Flipcharts.In this going further course, we will explore how to take the basics of creating an engaging Flipchart page, and cover much more advanced features. Learn how to create assessments and deliver dynamic, and authentic classroom assessments and boost student interaction and engagement in the classroom.

### Going Further with Promethean ClassFlow
In this going further course we will 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 in your classroom!

### Intro to Promethean ActivInspire
Promethean ActivInspire is a software designed to help teachers make the best use of their interactive whiteboard. In this course you will learn to use this software to write, manipulate, and annotate your desktop and to make your own flipcharts. Along with getting to know the basics of creating an engaging Flipchart Page, you will also learn some more advanced features such as linking to the internet, using pre-made templates, and importing other presentation or interactive files into Activ Flipcharts.

### Intro to Promethean 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! Join us as we go over the basics and discover what ClassFlow has to offer to help make your classroom more interactive and media rich.

### Promethean ActivPanel Basics
Learn how to use the Promethean ActivPanel to boost student interaction and engagement in your classroom. This session will walk you through the basics of how to connect the ActivPanel, use the ActivPen, browse the Internet, and use different tools to enhance student interaction.

## 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 simulators, Java applets, and a plethora of Flash videos. We will discover how to find, download, and make good use of these high-quality teaching aids. How are you going to distribute this to your students? We will take a quick tour of how Google Classroom and other options can be used to share content with students and support the learning environment.

### Labdisc: Heart Rate
In this course we'll look at just one of the many applications of a Labdisc in the Biology classroom. You will need a BioChem Labdisc to perform this activity. Our curriculum specialists will show you how to conduct an experiment to measure heart rate using the heart rate sensor provided with your Labdisc. They will then show you how to analyze and manipulate the data within the Labdisc software.

### Labdisc: Measuring UV Light
Have you ever wondered what is the BEST sunscreen and SPF number to protect you from the intense UV light given off by the sun? In this course, we will measure the effectiveness of various SPF ratings for sunblocks using the labdisc.You will need an Enviro labdisc to perform this activity. Our curriculum specialists will show you how to set up your Labdisc, conduct an experiment, collect data, and manipulate the data all within the Labdisc - Globilab software. Join us to learn one of the many engaging uses of Labdisc in the science classroom!

### Labdisc: Solubility
In this course we'll look at just one of the many applications of a Labdisc in the Chemistry classroom. You can use any Labdisc to perform this activity. Our curriculum specialists will show you how to conduct an experiment to identify temperature's influence on a substance's solubility using the temperature probe provided with your Labdisc. They will then show you how to analyze and manipulate the data within the Globilab software as well as extensions you could bring to your classroom!

**Measurements and Unit Conversions in Google Earth**
Join us to learn all about using the built-in measurement tools in Google Earth. We'll discuss specific uses of these in classroom relevant situations so you can provide real-world applications to the Measurement and Data standards across grades levels!

**TED-Ed Videos for the Science Classroom**
TED-Ed is a lesson planning resource created by TED, a media organization with the mission of spreading innovative and noteworthy ideas. We'll explore the free videos TED-Ed has on their YouTube channel, and gather some ideas about how to incorporate these videos into your classroom instruction. In this session our Curriculum Specialists will share with you three exemplary examples of TED-Ed's top science videos, and the creative ways to use them as discussion starters or tools to support learning standards.

# SMART SMART. Technologies

**20 Cool Things - Part I**
Explore some of the latest and least-known uses for the interactive whiteboard. This fast-paced session will explore 20 Common Core-aligned resources, features, and techniques, designed for your interactive whiteboard.

**20 Cool Things - Part 2**
Join us for Part 2 of this course where we discover some more of the latest and least-known uses for the interactive whiteboard. This fast-paced session will explore 20 resources, features, and techniques, designed for your interactive whiteboard to help engage your students and enhance curriculum and instruction.

**Benefits of a SMART Learning Suite Subscription Session 1: Successfully Integrate Student Devices with SMART Notebook & the SMART Learning Suite**
Discover how to successfully integrate SMART Learning Suite features and your students' devices to create effective learning experiences. In this introductory session, our PD team will begin to explore how to create engaging lessons that integrate with student devices. Subsequent sessions will take a closer look at game-based learning, collaborative opportunities, and various assessment-building techniques— just some of the many benefits the SMART Learning Suite has to offer educators and students of all grade levels!

**Benefits of a SMART Learning Suite Subscription Session 2: Game-Based Learning**
Learn how to build game-based activities using SMART lab, a major component of SMART Notebook 16.1 software. Teachers are able to create effective learning activities with speed and ease! By following SMART lab's basic prompts, teachers of all levels of comfort and familiarity can successfully integrate technology into their lessons, and also utilize student devices. During this session, we'll explore some sample SMART lab activities and demonstrate the process by which activities of this nature are created.

**Benefits of a SMART Learning Suite Subscription Session 3: Insight Into Learning**
Assessments help teachers gauge students' level of understanding, and the data gathered informs your instruction. Join us for this exciting webinar in which the PD team will take a close look at SMART response 2. This Notebook 16.1 feature enables students to participate in teacher-created assessments via personal devices of nearly any variety. We'll see how teachers are able to save results for future reference and gain a holistic view of class comprehension.

**Benefits of a SMART Learning Suite Subscription Session 4: Save Teachers' Time**
In the final session for this sequence, the PD team will discuss ways in which the SMART Learning Suite allows teachers to manage their time more efficiently. Between prepping for classes and grading assessments, it is sometimes challenging for teachers to find moments to develop innovative lessons that incorporate technology. SMART Exchange is a helpful resource that educators can certainly benefit from. Join us as we become familiarized with the SMART Exchange platform and view content created by teachers, for teachers. In addition, we'll revisit SMART amp, SMART lab, and SMART response 2 to reflect upon how these features can enhance student learning and provide teachers with found time

**Intro to SMART amp**
SMART amp, designed by SMART Technologies, is a web-based platform created to connect a variety of different devices to a single collaborative workspace. In this webinar, see how teachers can 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!

**Introduction to SMART Learning Suite Online**
Just released - SMART Learning Suite Online! SLS Online gives teachers instant access to all of their SMART Notebook lessons from ANYWHERE, at ANYTIME, on ANY device. Join the curriculum team as they walk you through how to distribute copies of your interactive lessons to your students and spark engagement in your classroom!. Learn how to create real-time formative assessments, open and deliver lessons, connect student devices, and guide instruction!

**SMART Board Basics: 6000 series**
The SMART Board 6000 series interactive displays is considered a new era of classroom collaboration. This product gives teachers and students a premium touch experience, superior collaborative features, and 4K Ultra HD resolution. Come join is to learn how the 6000 series provides reliability, simplicity, and intuition to help you teach, collaborate and share.

**SMART kapp iQ**
The SMART kapp iQ is an add-on module to the SMART IFP 6000 series. This add on will free the teacher's computer from the SMART IFP and allows student to interact with a variety of apps built right into the 6000 series SMART Interactive Flat Panel. These applications include collaboration tools, access to SMART lab activites, Chrome, Screensharing and more. Join us to see the newest product on the SMART family of interactive technology.

**Digital Teacher Certification (DTC)**
**SMART Learning Suite 16.1 (10 Sessions Total)**
Earn your Digital Teacher Certification by learning the ins and outs of the SMART learning suite with our ten-session online course! Join our PD instructors as they cover everything from basic flat panel set up to lesson development using the SMART Notebook and SMART amp software.

**SMART Math tools**
SMART Learning Suite now includes most all of the math features that used to be separate in previous versions of Notebook. We'll explore the math tools options within Notebook 16 that you might find useful within your classroom. This includes tools for fractions, graphing, and basic geometry.

**SMART Response 2**
The PD team will discuss how assessments are transformed into easy and fun activities using SMART Response in this session! Students become actively engaged as they demonstrate their level of comprehension by answering questions using mobile devices. Using SMART Response gives teachers the ability to perform quick checks for understanding, store data, and monitor student progress.

**What's New in Notebook 17**
SMART Notebook 17 has just been released! Come join our curriculum specialists to learn this newest version of SMART Notebook. We will guide you through some of the changes and updates such as the new sign-in process, SMART response 2 assessment features, and a different look to SMART's welcome screen. This release also introducesnew SMART lab activity themes and options, and the ability to share Notebook files to your SMART board or panel which provides seamless interaction for your classroom. We can't wait to share the new and enhanced features SMART has to offer.

# Special Ed

**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.

**Assistive Technology Resources**
Does your classroom cater to the needs of all learners? Are you struggling to help those students with learning disabilities or other special needs? If you answered yes to either of those questions join our curriculum specialists to

learn about some assistive technologies you can implement in your classroom! Assistive technology helps to level the playing field for your students and chances are you have some in your room already. Let's take a look at how students can use assistive technologies such as speech to text, iPad apps,and even some low tech options to further their education.

### Differentiation Tips for SMART Notebook

Discover how technology, specifically your SMART Notebook software, can help you address the diverse strengths and weaknesses of the students in your classroom. We'll provide background information on differentiating instruction, along with strategies and resources to help you differentiate planning, instruction, management, and student assessment. This session will focus on creating additional supports to complete SMART Notebook activities for a variety of learners in your classroom.

### IEP/504 Accommodations

Individualized Education Plans (IEPs) and 504 plans are instrumental tools in getting formal help for students in K-12 education with learning and attention issues. While they both focus on giving all students equal opportunities to learn, they are used for different reasons; IEPs for special education and 504 plans for physical access to learning. Join us as we go over these differences in depth and give you strategies and awareness to help you meet every student's needs according to their plans.

### SMART Notebook for Special Ed Classroom

As we all know, every learner is different. All students in a Special Ed classroom have individual needs. Learn how SMART Notebook activities can be adapted to address IEP Goals. We will demonstrate how to add additional supports for lessons when necessary, and create verifying evidence for assessment.

### Social Emotional Learning with Storyboards

Do you have a student who is frequently becoming frustrated with what seems like simple tasks and isn't sure how to act in general social situations? Join our curriculum specialists and Teddy as we take a look at creating and implementing Storyboards in your classroom. Storyboards help students develop skills to combat

difficulties throughout the day while incorporating different components of social emotional learning techniques in a safe environment. Learning how Teddy reacts in difficult situations gives students the necessary tools to get through their own day with less frustrations and difficulties.

### Strength Based Social Emotional Learning

Do you have students with low self-esteem or difficult behaviors in your class? Do you find yourself and other teachers focusing on the negative aspects of student behavior? Join our Curriculum Specialists as we look at creating a positive reinforcement environment using Strength Based Social Emotional Learning. Teddy will once again be joining us for another round of social emotional learning as we look at different techniques you can try to begin to focus on the positives in student behavior.

### Using Role Playing Games For Social/Emotional Development

There's more value in Dungeons and Dragons than you may know. Yes, Dungeons and Dragons. While attending PAX East 2017, we were enlightened by a panel discussion ran by the founders of Wheelhouse Workshop, a social skills group based in Seattle, WA. Wheelhouse Workshop has been helping teens and adolescents build social skills with role-playing games like Dungeons and Dragons for a few years now and they are seeing positive outcomes. Join us to explore how the game master in a role-playing game can create therapeutic and deliberate challenges for each participant to help them overcome the anxieties they may struggle with.

### Web Resources for the Special Ed Classroom

Special educators work extremely hard to ensure their students with special needs are not only learning, but developing skills to use in their futures during the school year. There can be a variety of challenges teachers face when trying to master this task as they are often overwhelmed by the differences in each classroom. We are here to help simplify the process of finding different tools to satisfy a variety of needs. Join us to learn how to execute an advanced and targeted Google search to find the best web tools for the special education classroom. We guarantee that you will leave this session with a variety of useful resources for differentiating lessons, creating scaffolds,

increasing student social skills and more ... that you will be excited to implement in your instruction!

## STEM

### 3D Printing: Modeling Geometric Shapes in Tinkercad

3D Printing is becoming increasingly popular in education, and for good reason. The process of creating a print from start to finish addresses many important standards students need to become 21st Century Citizens, for instance, Critical Thinking and Problem Solving as outlined in the 21st Century Framework and Common Core standard MP4: Model with Mathematics. Join us as we define the design process in the context of a classroom and dive into the beginning steps: planning and designing a 3D Print. By the end of this session, you will have the knowledge and steps needed to start a lesson on modeling geometric shapes with an easy to use design tool, Tinkercad!

### Engaging Kinesthetic Learners with SparkFun Picoboards

Looking for ways to engage your hands on learners in computer science? SparkFun's Picoboard Starter Kit may be your answer! The input from the Picoboard kit sensors allows you to create simple interactive programs using MIT's block based programming language, Scratch! The kit is an effective way to combine physical computing and software coding. Included in the kit is a light sensor, sound sensor, a button and a slider, as well as four additional inputs that can sense electrical resistance via included cables. The Picoboard kit can be used to engage a variety of learning styles and levels, join us to see how!

### pi-top and a Byte of Raspberry Pi

Inspire and nurture the hidden inventors in your classroom with pi-top! A modular laptop powered by raspberry pi, pi-top is the perfect tool for students to learn to code, and create interactive physical systems that can sense and respond to the analog world. Join us as we go over the basics of pi-topOS and what it can do for your classroom!

### Representing Data in Charts

The purpose of a chart is to visualize data in a way that accurately represents the story a dataset is telling. Tools like Excel, Google Sheets, and Numbers offer a wide variety of chart options and it is sometimes difficult to decide which

works best for your purpose and identify which don't work at all. Join us as we discuss what components are important in various chart types and the ways you can help students choose the appropriate chart for their dataset!

### STEAM Week: Google CS First

Free computer science content! Through Google CS First, educators can receive just about everything they need to get elementary and middle school students exposure to computer science. We'll review the materials provided, as well as look into some of the activities your students can dive into, whether it's an after-school club or part of your school's curriculum.

For a complete list of courses and categories visit us at:

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