

# Educational Technology Professional Learning Catalog

Area 4 Learning Technology Center | 2016-2017

In addition to regional events at Regional Offices of Education, the [Area 4 Learning Technology Center](#) provides onsite technology integration workshops for district institute and professional development days. We work with you to determine a topic and develop the workshop, and we provide the technical expertise and presenter. All events can be aligned to support district initiatives and goals, and we can also create custom events to meet your needs.

*Below are a few highlights from our professional learning catalog. Learn more at [Itcillinois.org/ltc4](http://Itcillinois.org/ltc4).*

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## Technology Integration Workshops

- Technology for Planning
- Digital Assessments
- Tech for Danielson
- The Pillars of Flipped Learning
- Digital Storytelling to Promote Student Voice and Creation
- SAMR & TPACK: A Framework for Technology Integration
- K12 Digital Literacy and Citizenship
- The Ultimate Fantastic Teacher Starter Kit
- Digital Tools and Resources to Enable a Deep Understanding

## Apple Workshops

- Digital Tools, iPad Edition

## Roundtables and Networking Sessions

- Open Education Resources Roundtable
- Digital Tools Roundtable
- Future Ready Roundtable
- Tech Coordinator Roundtable

## Administrator Academies

- Effective Use of Technology in the Classroom
- Connected Leaders: Leveraging the Power of Social Networks for Professional Growth
- How to Lead "Technology Trends in Education?"

## Google Apps for Education Workshops

- Managing Student Production, Assessment and Feedback in Google Apps for Education
- Leveraging Google to Prepare Future Ready Students
- Google Apps for Administrators
- Google Apps for Office Staff and Operations
- Google Apps Basics: Making Google Work for Classroom Teachers
- Google Apps Masters: Beyond the Basics
- Chromebook Extensions and Apps to Power Up Your Classroom
- Chromebooks in the Math / Science / ELA Classroom

## Microsoft Innovative Educator (MIE) Workshops

- Microsoft Innovative Educator (MIE) Academy
- Introduction to Creative Coding through Games and App Curriculum
- A Teacher's Day Made Easier with OneNote and OneNote Class Notebooks
- Overview of Creating Coding Through Games and Apps (CCGA) Course Curriculum
- Flip your Classroom with Office Mix
- Learning without Borders through Mystery Skype
- Speed-Geeking Powered by Microsoft – 30 Apps to Transform Learning
- Digital Storytelling on ANY device with Sway
- Redefine Learning with Microsoft Classroom in Office 365
- Minecraft in the Classroom: Mine the Learning, Craft the Meaning

# Technology Integration Workshops

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## Technology for Planning

*Duration: 3 Hours*

*Tools: Various*

Power-up your planning process with technology! This resource-rich session will cover open education resources, lessons and popular apps that can help you plan and manage classrooms of all types and sizes. It's time that technology help us save time so that we have more time to focus on our students.

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## Digital Assessments

*Duration: 1, 3, or 6 Hours*

*Tools: Kaizena, Plickers, Kahoot, Nearpod, EdPuzzle, Edulastic, GoFormative, Seesaw, Google Forms*

Learn how to use engaging formative assessment technology tools to guide your instructional practice while providing meaningful feedback to students and tracking student growth. This is a fast-paced overview where we will explore informal and formal digital assessment tools like Kaizena, Plickers, Kahoot, Nearpod, EdPuzzle, Edulastic, GoFormative, Seesaw and Google Forms (It's updated!). Walk away from the session with a toolbox full of ways to collect data and provide feedback.

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## Tech for Danielson Domains

*Duration: 1 or 3 Hours*

*Tools: Various*

Focus on domains 1, 2, 3, 4, or all of them to re-envision the modern classroom while fostering a culture of learning and respect. Create authentic experiences, set expectations of student technology use, communicate with all stakeholders (students, parents and community members), promote effective technology-aided instructional strategies, and learn like you have never learned before through social media. This session features examples, apps, and group discussion.

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## The Pillars of Flipped Learning

*Duration: 1 or 3 Hours*

*Tools: Screencastify, Office Mix, YouTube, Cell Phones*

*Level: Beginner or Intermediate*

Mix up your classroom and school through flipped learning! With the proliferation of devices in the hands of students, teachers can provide differentiated digital content, activities, and assessments that students can access regardless of location and time. In this hands-on session, learn key tools and strategies on how to create a flipped learning classroom that incorporates traditional and online learning experiences.

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## Digital Storytelling to Promote Student Voice and Creation

*Duration: 1 or 3 Hours*

*Tools: Various*

Want to help students develop their most creative and innovative abilities? Introduce them to digital storytelling! Students can use digital tools to create and share their own stories or experiences, or reflect on what they've learned. Students love to be creative and share stories about themselves...digital storytelling is the perfect way to let them do it!

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## SAMR & TPACK: A Framework for Technology Integration

*Duration: 1 or 3 Hours*

*Tools: SAMR, TPACK, 21st Century Skills*

"Although schools have spent billions on computer hardware and software for the classroom, only 16 percent of teachers think their schools are using it effectively."

Dive into the SAMR and TPACK frameworks to help teachers evaluate the effectiveness of their technology use, promote higher-level thinking and 21st Century Skills, and redefine their concept of digital learning.

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**K12 Digital Literacy and Citizenship**

*Duration: 3 Hours*

*Tools: Common Sense Education’s K-12 Digital Literacy & Citizenship Curriculum*

Technology has dramatically changed how educators teach and students learn, offering exciting opportunities for communication, collaboration, critical thinking, and creation. These opportunities also create new challenges around behavior and ethical issues related to students’ use of technology, and Digital Citizenship is an essential 21st-century skill that guides students to think critically, behave safely, and participate responsibly in our digital world. Digital Citizenship is also a federal and ISBE mandated component of all K-12 Education.

Learn the essential skills for digital citizenship, how to teach students these skills, and how to create a positive school culture around technology. Participants will become familiar with the research-based Common Sense Education’s K-12 Digital Literacy & Citizenship Curriculum, which includes easy-to-use lessons, student videos, engaging activities, assessments, and parent resources, and is adaptable to low-tech and high-tech classrooms. The curriculum is offered at no cost to schools.

Topics include internet safety, privacy and security, relationships and communication, cyberbullying and digital drama, digital footprint and reputation, self-image and identity, information literacy, and copyright.

**The Ultimate Fantastic Teacher Starter Kit**

*Duration: 3 or 6 Hours*

*Tools: Various*

This workshop introduces basic concepts and tools needed to successfully create a technology-rich classroom. As participants gain hands-on experience using digital tools that support all domains within the Danielson Framework, participants will also gain a solid pedagogical understanding of effective technology integration and assessment. *Audience: New Teachers.*

**Digital Tools and Resources to Enable a Deep Understanding**

*Duration: 3 or 6 Hours*

*Tools: Various*

A broad title for our workshop that covers a span of online digital tools. Sessions can focus on one specific app or technology (i.e, Google Classroom, Edulastic, etc.) or cover multiple tools, instructional strategies, and digitally-enhanced pedagogy. Topics are chosen by the district or educational service agency. Examples include:

- Connecting and Collaborating
- Creating for specific content areas
- Staying Informed
- Presentations
- Screencasting
- Digital Storytelling
- Learning and Behavior Management
- Classroom tools
- Assessments
- Problem Solving and Programing

# Google Apps for Education Workshops

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## **Managing Student Production, Assessment and Feedback in Google Apps for Education**

*Duration: Two 2-hour face-to-face sessions; Two 30 minute online sessions*

*Tools: Google Classroom, Google Drive, Google Docs, Google Sheets, Google Forms, Add-ons.*

Learn how to use Google Classroom to better manage student production, collaboration, assessment and feedback. Over the course of several weeks you will be introduced to all of the features of Google Classroom and Google Drive, and create two rich and authentic learning tasks using a range of apps, tools, and add-ons.

### *Course Expectations:*

- Attend two face-to-face sessions and two online meetings.
- Complete activities between sessions.

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## **Leveraging Google to Prepare Future Ready Students**

*Duration: 3 or 6 Hours*

*Tools: SAMR, Future Ready Standards, Google Classroom, Google Drive, Google Docs, Google Sheets, Google Forms, Add-ons.*

Prepare your students for the future through Google Apps for Education. According to the U.S. Department of Education, a “Future Ready” district has curricula, instruction, and assessments that are standards-aligned, personalized, technology-enabled, research-based, and enriched through authentic, real-world problem solving. After a brief review of Google basics (Drive, Docs, Forms), we will jump into ways to take your students further on the Google journey, all while supporting personalized learning, authentic experiences, and real-world problem solving.

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## **Google Apps for Administrators**

*Duration: 3 Hours*

*Tools: Google Drive, Google Calendar, Gmail, Google Forms, Google Sheets, Add-ons and extensions.*

New to Google Apps? Learn how to leverage the basic features of Gmail, Calendar, and Drive to improve staff-wide collaboration and communication, implement a variety of free Add-ons for Google Sheets and Forms for the creation of school systems, and build a school or team staff intranet website.

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## **Google Apps for Office Staff and Operations**

*Duration: One 3-hour face-to-face session; Two 30 minute online sessions*

*Tools: Google Drive, Google Calendar, Gmail, Google Forms, Google Hangouts, Google Sheets, Add-ons and extensions.*

Learn how to leverage the basic features of Gmail, Calendar, and Drive to streamline procedures and workflows in their schools; identify strategies to improve or reinforce these systems using Google Apps; implement a variety of free Add-ons for Google Sheets and Forms for the creation of school systems; and build a school or team staff intranet website.

### *Course Expectations:*

- Attend two face-to-face sessions and two online meetings.
- Complete activities between sessions.

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## **Google Apps Basics: Making Google Work for Classroom Teachers**

*Duration: 3 or 6 Hours*

*Tools: Google Classroom, Google Drive, Google Docs, Google Sheets, Google Forms, Google Slides, Add-ons.*

Learn how to transform a classroom through online creation, collaboration, and assessment using Google Apps for Education (GAPE). Through the use of Google Apps, students can collaborate on documents and presentations, create websites, and receive instant feedback from peers. As a teacher, you can share calendars, assignments, and expectations; create formative and summative assessments; grade and provide feedback on assessments; and so much more. We will provide an overview of the available tools and time to explore their uses.

## **Google Apps Masters: Beyond the Basics**

*Duration: 6 or 12 Hours*

*Tools: Google Classroom, Google Drive, Google Docs, Google Sheets, Google Forms, Google Slides, Google Maps, Screencastify, Add-ons, Extensions*

This two-day workshop is a deep dive into the advanced features of the Google Apps suite. Google apps are easy to use and incredibly powerful tool for teachers, but they can do so much more than allowing for collaboration and file sharing. Learn how to use these free apps to manage, assess, collaborate, and power-up your classroom.

### *Agenda:*

- Google Classroom: Moving beyond the digital photocopier.
- Google Forms for Power Users: Examples and extensions galore.
- Formative and Summative Assessments
- Google Rubrics
- 3rd Party Apps that make Google Better
- Flipped Learning
- Picking the Right App: Narrowing down apps based on purpose and function
- Extension Roundtable Discussion
- Tips & Tricks of Google Master Teachers

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## **Chromebook Extensions and Apps to Power Up Your Classroom**

*Duration: 3 Hours*

*Tools: Various*

Are you new to Chrome? Already a Chrome user? You can make the Chrome browser work harder and smarter for you and your students with a variety of FREE extensions and add-ons. This workshop will allow you to test out multiple extensions and add-ons that can be used in your classroom immediately.

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## **Chromebooks in the Math / Science / ELA Classroom**

*Duration: 3 Hours*

*Tools: Various*

Are you stuck at a roadblock with your Chromebooks in the Math / Science / ELA Classroom? Have you tried to use them, but can't seem to find ways that work for you? Come take a look at many different websites that will provide a starting point to get you going. We will dive into what these sites offer and how to make them work in your classroom and with your content area.

# Microsoft Innovative Educator (MIE) Workshops

## Microsoft Innovative Educator (MIE) Academy

*Duration: 6 Hours*

*Tools: OneNote, Windows Apps, Sway, Office Mix, Skype, Office 365*

K-12 Teachers- Join us for the Microsoft Innovative Educator (MIE) Teacher Academy to learn more about Microsoft’s hottest tools and resources to empower your students to achieve more! Learn how to maximize your use of Windows and take an immersive deep dive into the new Microsoft Classroom in O365 for Education. You will get the opportunity to explore tools such as OneNote Class Notebooks, Docs.com, Office Forms, Sway, & Office Mix, including how to provide students with learning experiences beyond the 4 walls in your classroom using Skype in the Classroom and the online Microsoft Community.

## Introduction to Creative Coding through Games and App Curriculum

*Duration: 6 Hours*

*Tools: CCGA Course Curriculum, TouchDevelop*

This 6-hour Teacher Academy provides teachers an orientation to the *Creative Coding through Games and Apps* (CCGA) course curriculum and an introduction to the TouchDevelop platform and online CCGA tutorials. The CCGA curriculum is intended for middle school through early secondary classroom settings and no previous computer science or coding experience is required. Learning outcomes include: (1) Introduction to TouchDevelop and the span of coding concepts addressed in the course, (2) introduction to all course materials and how to use them, (3) understanding for how to teach Units 1 -4 of the course, and (4) a detailed roadmap for further preparations that may be needed to teach the full course. Participant pre-work prior to the workshop is required.

## A Teacher’s Day Made Easier with OneNote and OneNote Class Notebooks

*Duration: 3 Hours*

*Tools: OneNote and OneNote Class Notebook*

In education, it’s as easy as 1, 2, 3! With OneNote it’s as easy as ONE. One place to create all of your lessons, one place to share with students and one place to create student portfolios, projects and collaborative class creations! Discover how to create, organize and share dynamic notebooks rich with interactive content. Bring the classroom to life with enticing audio and video features. Stay organized and on-topic using tagging, tables and tabs for new content! Then, easily personalize the learning experience with Class Notebooks, which provides each student with their own private notebook viewable only by the teacher and individual. Use the Content library to digitize your existing lessons, and easily communicate with the entire group using the collaboration space. Keep tabs on your class and stay organized with OneNote!

## Overview of Creating Coding Through Games and Apps (CCGA) Course Curriculum

*Duration: 3 Hours*

*Tools: CCGA course curriculum, TouchDevelop platform*

*Got Bot?* This session is an overview of a first-semester course that introduces programming to middle-school through early secondary grades in a manner that will excite and engage student; no prior experience required! Participants will gain an understanding of the course through hands-on experience with the curriculum and the TouchDevelop platform. The complete curriculum for the course is offered free by Microsoft.

## Flip your Classroom with Office Mix

*Duration: 1 or 3 Hour*

*Tools: Office Mix*

Flip your classroom quickly and easily with Office Mix! With Office Mix, you can create digital lessons in PowerPoint with simulations, quizzes, discussions, and more. Quickly share your Office Mix with your students for them view on any device and easily differentiate instruction by using Mix analytics. Or mix it up- have students create Mixes for authentic assessment.

**Learning without Borders through Mystery Skype**

*Duration: 1 Hour*

*Tools: Skype*

Using Skype, you can bring in industry experts, take virtual field trips, or connect students from across town to around the world. Playing Mystery Skype, you can promote geography skills as well as global citizenship. Learn how you can connect with other educators, get lesson plans, start a project and more with Skype in the Classroom.

**Speedgeeking Powered by Microsoft – 30 Apps to Transform Learning**

*Duration: 1 Hour*

*Tools: Various*

Embrace your inner geek and check out how these 30 Microsoft apps are being used by some of the world's most innovative educators in their classrooms. See examples of how these educators are not only transforming teaching and learning, but growing learners from consumers of content to creators of knowledge.

**Digital Storytelling on ANY device with Sway**

*Duration: 1 Hour*

*Tools: Sway*

Want to help students develop their most creative and innovative abilities? Introduce them to digital storytelling, regardless of their digital device! Students can use digital tools to create and share their own stories or experiences, or reflect on what they've learned. Join us as we learn about how you can use Sway, a NEW innovative web-based learning tool that can be used on any device your students may have access to in the classroom. Kids love to be creative and share stories about themselves...digital storytelling is the perfect way to let them do it!

**Redefine Learning with Microsoft Classroom in Office 365**

*Duration: 1 Hour*

*Tools: Microsoft Classroom*

Are you looking for a customized experience where you can manage everything from class assignments to professional learning communities and students post questions, collaborate in groups, and access all class materials needed—all in one place? Look no further! Come discover the new Microsoft Classroom, the “glue” of Office 365 Education, and learn how existing tools like OneNote Class Notebook, Sway, and more all integrate seamlessly to help you save time and improve student outcomes.

**Minecraft in the Classroom: Mine the Learning, Craft the Meaning**

*Duration: 6 Hours*

*Tools: Minecraft*

Minecraft has an immense potential as an educational tool and is already being used in classrooms around the world to teach everything from STEM subjects to arts and poetry. We will use Minecraft Education Edition, a version specifically designed for classroom use to gives teacher the easy-to-manage tools they need to use Minecraft on an everyday basis. In this workshop we will introduce, play, and show you how to setup MinecraftEdu for your classroom.

## Apple Workshops

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### Digital Tools, iPad Edition

*Duration: 3 Hours*

*Tools: Various*

There are millions of apps — find out which ones work best to improve instruction. We'll focus on 10 apps that can help teachers collaborate, connect, create, learn, present, manage, motivate, and assess.

## Roundtables and Networking Sessions

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### #GoOpen: Open Education Resources Roundtable

*Duration: 2 Hours*

*Tools: U.S. Office of Educational Technology #GoOpen Launch Packet, Various*

A facilitated discussion around the theme of [#GoOpen and open education resources](#). During the session, the facilitator will briefly introduce the topic, provide a list of resources, and then facilitate an informal discussion that explores emerging trends, challenges, and benefits.

### Digital Tools Roundtable

*Duration: 2 Hours*

*Tools: Various*

A facilitated discussion around the theme of [digital tools](#). During the session, the facilitator will briefly introduce the topic, provide a list of resources, and then facilitate an informal discussion that explores emerging trends, challenges, and benefits.

### Future Ready Roundtable

*Duration: 2 Hours*

*Tools: Future Ready Framework*

A facilitated discussion around the theme of the [Future Ready Framework](#). During the session, the facilitator will briefly introduce the topic, provide a list of resources, and then facilitate an informal discussion that explores emerging trends, challenges, and benefits.

### Tech Coordinator Roundtable

*Duration: 2 Hours*

*Tools: Various*

A facilitated discussion around the theme of [technology infrastructure, support, and services](#). During the session, the facilitator will briefly introduce the topic, provide a list of resources, and then facilitate an informal discussion that explores emerging trends, challenges, and benefits.



# Administrator Academies

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## **Effective Use of Technology in the Classroom, AA#1494**

*Duration: 8 Hours*

*Tools: Various*

This course will focus on the evaluation of technology in the classroom and how it relates to the evaluation of teachers. The primary objective is to provide administrators with the ability to walk into a classroom and know whether a teacher is using technology to effectively enhance student learning. As part of the discussion, we will also address the benefits, implementation, and evaluation of 1:1 computing programs as it relates to a teacher's use of technology within the classroom. We will also explore effective tools that administrators can use to relay information to stakeholders within the district and throughout the community, such as blogs, social media, text messages, public calendars, and podcasting.

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## **Connected Leaders: Leveraging the Power of Social Networks for Professional Growth, AA#1788**

*Duration: 6.5 Hours*

*Tools: Various*

By leveraging social media, educational leaders can connect with experts across their communities and the world to expand their perspectives, build relationships, and create opportunities for student learning. Face-to-face networks provide leaders with opportunities to engage local peers in deeper conversations about the educational landscape. Understanding the social media landscape will also equip leaders to help professional staff as they integrate these powerful tools in their instruction. This course will provide the knowledge and skills required to become connected leaders by focusing on multiple social media platforms (Twitter, YouTube, Instagram, etc.) and productive face-to-face networking opportunities (EdCamps, PLNs, etc.) to help them leverage the power of social networks for professional learning and community engagement.

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## **How to Lead "Technology Trends in Education?", AA#1818 (Pending)**

*Duration: 6.5 Hours*

*Tools: Various*

This course will assist administrators exploring the latest in technology trends for improving instruction and student achievement. Participants will engage in a global analysis of their district/school's past and current technology implementation program(s). They then will explore technological trends in order to develop an implementation plan for future improvement. How can administrators become more active leaders in the area of technology integration? Participants will develop a better understanding of the changing educational landscape and how they can address their role as a proactive leader of educational technology.