

Thursday Sessions and Events

10:00 – 11:00 AM

Implementing a Successful One-to-One iPad Solution

Kris Young, Director of Educational Technology and Info Systems, Fraser Public Schools

D3-22/23

Fraser Public Schools moved from a PC to MAC/iOS environment this past summer and implemented a One-to-One iPad initiative. This session will provide an overview of considerations Fraser needed to determine a solution for and why. Considerations included wireless infrastructure, filtering, insurance options, parent communications, parent opt in/out plans, security, staffing models for technology and instruction, Apple TV, deployment models (under 13, over 13, One-to-One, shared), professional development, and more.

All Educators, Introductory, All Levels

Professional Learning

MI Champions 2012-2013 Cohort Five

Marie Zuk, Project Manager, MACUL MI Champions, and Judy Paxton, MI Learning Manager, MACUL

DO-01A

Participants who are completing the MI Champions Program are required to attend this session. 

What We Have Learned about Professional Development for the iPad

Laurence Baker, Associate Principal/Operations, Mercy High School

DO-03A

This year Mercy High School transitioned from One-to-One HP laptops to the Apple iPad. Quickly realizing that no cookie-cutter professional development program (PD) would prepare its staff for a challenging year, Mercy customized its PD. The first step was determining how the iPad would fit into the workflow of various curriculum areas. Additionally, a high priority was given to differentiating PD across a broad spectrum of staff tech mastery and interest. Achieving “buy in” to the new program was considered critical. Mercy ran workshops, drop-in labs, and even a “boot camp”. These activities will be described (warts and all). Mercy adjusted and refined its efforts “on the fly” as staff became better acquainted with apps and the iPad. How does a school provide meaningful PD when its staff possesses widely varied levels of skill and motivation? Find out how.

Administrators, Principals, Teachers, Introductory, All Levels

Student Perspectives on Project-Based Learning in the New Tech High Environment

Stephen Keskes, Director, Pinckney Community Schools

O2-35

Michigan New Tech High students share their projects and their perspectives on project-based learning and its impact on their growth. Audience members may ask questions to students and students will share unsolicited responses. Students will also share their projects.

All Educators, Introductory, All Levels

10:00 – 11:00 AM

School Improvement/Administration/Leadership

“It’s Okay, You Won’t Break It” – Encouraging Reluctant Teachers to Tap into Technology

Erica M. Dean, Educator, Detroit Public Schools

W2-71

While many teachers in your building may readily embrace technology, what about those individuals “hiding in the corner,” guilty of dusty desktops, languishing laptops, and never-used netbooks...not to mention untouched tablets and ignored iPads. This discussion aims to help you – the tech leader or helpful colleague in your building – approach such teachers by lovingly leading them towards using the technology that is available to them.

All Educators, All Skill Levels, All Levels

Teaching the Common Core Curriculum

Not So Common, Common Core Assessments

Max Brooks, Manager, and Jason Altman, District/School Partner, Discovery Education

O2-39

Many educators are looking for ways to continuously assess students’ mastery of the Common Core State Standards (CCSS). This session will explore the use of Discovery Education tools and resources for assessing student proficiency and growth. In addition to learning about the Discovery Education Common Core Assessments, participants will explore ways to integrate digital media to obtain actionable data about their students. 

All Educators, All Skill Levels, All Levels

Technology Infrastructure and Support

Going Beyond BYOD: Addressing Capacity, Ease of Use, and the Wireless Unknowns

Greg Kamer, Technical Marketing Engineer, Ruckus Wireless

DO-03C

Schools everywhere are facing issues with security, device and user access management, and wireless performance in the age of BYOD. But more importantly, IT directors must understand how best to build their Wi-Fi networks to meet the growing demands for capacity, while creating ease of use and management, all with agility to handle unknown surprises as an explosion of devices hits their networks. This session will outline how to design a WLAN optimized for both high user density and the proliferation of voice and video applications. 

Library/Media Specialists, Technical Support, Technology Leaders, Intermediate, All Levels

Office 365: The Latest and Greatest in the Cloud

Eric Inch, Lead Consultant, C/D/H

W2-58

Now available, Office 365 is the next step in the future of productivity for educators, bringing together online versions of Microsoft Office, SharePoint, Exchange, and Lync. Find out more about its features and capabilities, benefits and drawbacks, tips and gotchas, and learn how to migrate a portion or all users to Office 365. 

Administrators, Technical Support, Technology Leaders, All Skill Levels, All Levels



Thursday Sessions and Events

10:00 – 11:00 AM

What You Don't Know CAN Hurt You! Network Security Awareness

Craig McBain, Director of Technology, and Robyn Oesterle, Network Supervisor, Chippewa Valley Schools

D3-16

How many of your staff click unsafe links in emails? How vulnerable is your school or district to phishing attacks or social engineering? What does physical security have to do with network security? Come learn how a district is assessing threats, measuring its exposure to risk, and combating ignorance. Horror stories will be told! Free tools for testing your district or school will be discussed.

Administrators, Technical Support, Technology Leaders, Intermediate, All Levels

Universal Design for Learning/Differentiation

Distance Learning Fun...With ANY Class!

Kelley Bidigare, Computer Technician, Roseville Community School District

W2-64

Join us in the TWICE room as we videoconference with a wonderful class of hearing impaired students from Roseville Community Schools. You will participate with the students as if involved in a real collaboration with them! If you'd like to see how videoconferencing can be successfully used with any type of students, plan to stop by the TWICE room for this awesome session! ☺

All Educators, All Skill Levels, All Levels

Beyond Lectures: Using PowerPoint for Formative Assessment, Interactive Quizzes, and Student Designed Games

Jason Siko, Assistant Professor, Grand Valley State University

O2-41

While many people recognize MS PowerPoint as a lecture tool, it can be used for formative assessments and constructionist pedagogy. In this session attendees will learn how to embed formative assessment into a PowerPoint lecture, create interactive quizzes, and how students can use it as a learning tool with question-generating strategies. Attendees will also learn how to use it as a game design platform, as the presenter shares his experiences on the evolution of his game design projects used over the past four years.

All Educators, All Skill Levels, All Levels

Beyond the Bubbles – Creative Ways to Assess Learning 2.0

Amy Fifth-Lince, Chris Garzelloni, and Kim Watson, Teachers, Pennfield School District

D2-09

Assessments are not just multiple choice anymore. This session is back with expanded tools for teachers to use and assess student learning. IT is intended for teachers grades K-12 who are looking at non-traditional methods to assess student learning. Ideas for using technologies to incorporate the Common Core and state standards will be a key area of focus.

Special Education Teachers, Teachers, Technology Leaders, All Skill Levels, All Levels

Read highlights from sessions at the
MACUL Conference Blog
<http://macul.edublogs.org>

10:00 – 11:00 AM

Accessibility Tools and Universal Design with the iPad

Mark Dohn, Consultant, Curriculum Design, Mobile Learning, and Technology Integration

O3-46

The iPad is transforming education through mobility and its innovative operating system – iOS 6. But the accessibility features that are built in for persons with disabilities have been overlooked. This will be a BYOD session that will guide you through the accessibility features in iOS 6 and will also introduce how to use these features by developing lesson plans that incorporate Universal Design. Learn how to get the most from ALL your students! [B]

All Educators, All Skill Levels, All Levels

10:30 AM – 12:30 PM

HANDS-ON WORKSHOPS

Fee is \$40 per workshop. Pre-registration is required.

See descriptions and information on page 22-25.

11:00 AM – 1:00 PM

MEA Student Technology Showcase

Wayne Hall

The Showcase features some of the top technology projects in Michigan. This year's event will highlight the best examples of integration of technology into the curriculum. Students and teachers will be available to discuss their projects. Open to all conference attendees.

STEM MI Champions Project Palooza

Wayne Hall

Learn about best practices in action. K-12 teachers share standards-focused PBL units implemented with their students, which emphasized 21st century skills, rigor, relevance, and technology. Come and talk to this talented group of teachers representing every grade and content area.

SIG ANNUAL MEETINGS

SIGCS: 12:00 – 1:00 PM • O2-36

SIGEE: 11:30 AM – 12:30 PM • Detroit Beer Company

SIGMM and SIG PL: 11:30 AM – 12:30 PM • Bluestar Cafe

SIGMS: 5:15 – 6:00 PM • O2-36

SIGOL: 11:30 AM – 12:30 PM • O2-37

SIGSPED: 7:00 – 8:00 AM • O2-37

SIGTC and SIGTECH Joint Meeting: 11:00 AM – 1:00 PM • D3-26/27

SIGWEB: 11:30 AM – 12:30 PM • Bluestar Cafe

Thursday Sessions and Events

1:00 - 2:00 PM

☆ QR Codes in the Classroom

Gwyneth Jones, The Daring Librarian, ISTE Board of Directors

W1-51

QR Codes are popping up everywhere! In store catalogs, Times Square billboards, newspaper ads, on the windows of bagel shops, and in my school and library! Learn all about QR codes – what they are, where they came from, how to make them, how they're related to Godzilla, and how to use them in your school and classroom for engaging and exciting digital discoveries! ☺

☆ Creativity Is Essential

Kevin Honeycutt, Educational Technology Specialist, ESSDACK

W1-52

Creativity is all but extinguished in some schools and classrooms. Nobody meant for it to happen but with our focus almost exclusively fixed on test scores we find ourselves waging all out war on anything seen as non-essential. In these days of invention and the need for creative problem-solving it turns out we in education may have taken the low ground in a time of a coming flood. Join me for a discussion about the need for creativity and some ideas about bringing it into daily learning. ☺

☆ Get in Gear! Shifting to Student-Centered Learning

Sean Williams, Instructional Technologist, Northwest Regional Educational Service District

W1-54

The web has changed everything, except school. The web is full of free tools for your classroom, and finding the right ones can be overwhelming. How do you know what is good? Or what it would look like in your classroom? This session will explore ten free tools, as well as how to effectively use them to leverage student interaction and learning daily in lessons. ☺

☆ Group Smackdown

Leslie Fisher, Director, lesliefisher.com

W1-55

Do you have a wonderful web site, app, or gadget that you want to tell your peers about? Maybe you just want to see what other people want to share? This session will give people five minutes to show off and share their favorite item that makes their work in the classroom more productive or effective. There will be no physical slapping, but there might be some hugging. ☺

☆ Top Apps for Students with Special Needs

Mark Coppin, Director of Assistive Technology, Anne Carlsen Center

02-44

We will explore popular apps for the iPad that can be used for students with diverse learning needs. The iPad can provide a wealth of possibilities for assistive technology. You will be shown how to use the iPad to meet the unique learning needs of the diverse learner. In this fast-paced session, you will explore applications for sign language, scheduling, story telling, reading/writing, AAC, video modeling, and much more. You will learn how these solutions can make a difference for students with various disabilities such as traumatic brain injuries, autism, fluency disorders, mild CP, and others. This session will also cover several of the accessibility features that are built into the iPad. You will know what hardware and applications to recommend and you will have learned how to use some of the most promising AT applications. ☺

1:00 – 2:00 PM

Administrators Forum

Brian Lewis, Chief Executive Officer, International Society for Technology in Education (ISTE)

W2-62

Superintendents and school board members are invited to join us for this special session. By invitation only; pre-registration required.

Blended Learning and Virtual Schooling

Data Reporting and Virtual Schools: Challenges and Advantages

Joe Freidhoff, Director, and Justin Meese, Database Administrator, Michigan Virtual University

W2-63

By the very nature of online learning, online providers and virtual schools collect lots of data on students; however, the degree to which these data are shared varies. In this presentation, we'll talk about the kinds of information typically captured by virtual schools and learning management systems, share some strategies that the Michigan Virtual School is using to provide customers with better information about their students, and brainstorm ideas for future data reports of interest to audience members. ☺

All Educators, All Skill Levels, All Levels

Free Online CCSS Geometry Course

Pam Forton, Teacher, Traverse City Area Public Schools

02-42

Traverse Bay Area ISD is pleased to provide a free online geometry course aligned to the Common Core State Standards for Mathematics (CCSSM) and the Michigan High School Content Expectations (HSCE). This Moodle course is designed to provide an online educational experience that utilizes multi-media materials to develop a thorough understanding of high school math content. Michigan students will gain understanding through text, audio, video lessons, interactive activities, and worksheets. Teachers will be able to monitor students' progress through worksheets and assessments. They will have access to a multitude of quality resources in one easy to access location already aligned to the CCSSM. Come with your laptop to preview the course and learn how to get a copy with full editing permissions to make it work for your students. [E]

Administrators, Special Education Teachers, Teachers, Introductory, High School through University/College

More Than Khan, GooruLearning: The Search Engine for Learning

Chris Scott, Teacher, Santa Ynez School

D3-22/23

Khan Academy has videos and quizzes but GooruLearning goes way beyond. GooruLearning is a free online resource that has organized online learning resources. You will learn the ins and outs of GooruLearning so that you can take this great FREE resource back to your students on Monday. Teachers and students can use Gooru to search for rich collections of multimedia resources, digital textbooks, videos, games, and quizzes created by educators in the Gooru community. You can search for vetted learning resources, study, interact with others, and customize your learning.

All Educators, All Skill Levels, All Levels

Thursday Sessions and Events

1:00 – 2:00 PM

Digital-Age Teaching and Learning

Tips n' Tricks for the Inquiry-Based Classroom

Suzy Rhadigan, Teacher, Kingsbury Country Day School

DO-01A

The inquiry approach to teaching is used by many, many schools. It is the way to get children to deeper thinking, questioning, and better researching. So, how do we use technology with inquiry-based learning? Come and discover different technology you can use in your elementary classroom with your curriculum.

Teachers, Introductory, Elementary School

Transforming K-12 Classrooms with Digital Technology: A Look at What Works!

Robert Leneway, Ed Tech Unit Coordinator, Western Michigan University

DO-01B

Powerful emerging technologies, data systems, and communications have converged to change how we play, work, communicate, learn, and even what we think about. It is fundamentally changing our institutions and support systems, especially schools and classrooms. Christensen, Johnson and Horn, (2010) claim by 2020 over half of the students in the U.S. will be learning online. This will reach a disrupting tipping point when tax payers and school boards will ask, "do we still need classrooms?" This presentation will highlight some of the research-tested ways in which technology is transforming the classroom, including the use of gaming, One-to-One computing, interactive whiteboards, global connections, flipped classroom, project-based learning, iPads and other mobile devices, data management, e-folios, embedded assessment, and individualized instruction.

All Educators, All Skill Levels, All Levels

Supercharge Math with FREE Online Math Interactives

Will Kimbley, Teacher, Rock Star Teacher Summer Tech Camp

DO-03A

In one hour see demonstrations of free, online math teaching interactives, practice, and teaching resources. Get introduced to: ThatQuiz, CyberChallenge, LearnAlberta, Math 5 Live, Spy Guys, Wolfram Demonstrations, NCTM Illuminations, and many more.

Teachers, All Skill Levels, All Levels

Adobe Creative Cloud – Creative Freedom On and Off Campus

Bob Long, Vice President of Sales, Logisoft Computer Products, LLC, and Jarod Pace, Education Inside Sales, Adobe Systems, Inc.

W2-58

Adobe Creative Cloud and CS6 provide you with the tools to create virtually anywhere. Whether you're an educator developing a more engaging curriculum; an administrator working to improve collaboration; or a student creating projects, portfolios and resumes, Adobe has the tools you need to stand out in the classroom and beyond. Learn about how Creative Cloud is available to your educational institution and the exciting licensing and deployment solutions for the latest and greatest Adobe solutions for educational institutions in Michigan. 

All Educators, All Skill Levels, All Levels

1:00 – 2:00 PM

The Michigan Online Resources for Educators (M.O.R.E.) Portal

Karen Hairston, Educational Technology Consultant, and Barbara Fardell, Consultant, Michigan Department of Education

W2-61

Michigan Online Resource for Educators (M.O.R.E.) provides online instructional resources that are aligned to and searchable by the Common Core State Standards and Michigan's Grade Level and High School Content Expectations. The resources are from reputable content partners such as NCTM Illuminations, The Smithsonian, National Geographic, PBS, The International Reading Association, Gale Cengage, and others. Resource types range from lesson plans to online tools and courses. In addition to the search-by-standard feature, other features include an advanced search, a lesson plan builder, a resource locker to store your favorites, and a curriculum manager. See it at <http://more.mel.org/>! 

Library/Media Specialists, Special Education Teachers, Teachers, All Skill Levels, All Levels

Take a National Park Field Trip

Max Graves, ITV Specialist, Northern Michigan University

W2-64

Please join us in learning how to take advantage of distance learning opportunities with our national park system. Via videoconference, we will be joined by a park ranger from the Badlands National Park. The park's 800 bison, rich fossil beds, and unique geographical features are highlighted and worked into several curriculum-based, interactive presentations. Ellis Island, Grand Canyon, Denali, and the Knife River Indian Village are just several national parks that welcome classroom visits via live videoconference using Skype or commercial equipment. All at no cost! 

All Educators, Library/Media Specialists, All Skill Levels, All Levels

Create Digital Citizenship Content for the One-to-One District

Zackary Linson, Peer Coach, East Noble School Corporation

O2-39

Learn from our resources about how to create a warehouse of digital citizenship content specific to your district's technology program. Interactive content with full lesson plans covering a variety of topics will be presented in diverse digital mediums.

All Educators, Intermediate, All Levels

Multigenre Writing Meets Multimedia

Michele Gierke, Teacher, Milan Area School District

O2-40

Combine 21st century learning and project-based learning with student-led projects and call it multigenre projects. Students choose their topic, research, read, and investigate. Then they create using 21st century tools such as Google Docs, Weebly, Voki, Blabberize, Tagxedo, Glogster, LiveBinders, Linoit, YouTube, and VoiceThread. Finally they communicate, share, and present their projects. See how to organize student-led projects and measure student learning.

All Educators, Technology Leaders, All Skill Levels, Lower Elementary through Middle School



Thursday Sessions and Events

1:00 – 2:00 PM

The Amazing NEW Art of Google Search

Len Scrogan, Professor, University of Colorado-Denver

02-43

Busy life? Too much work to do? It's about time you learned to do something much faster and recapture some time. Learn the newest Google techniques for online searching that will cut the time you spend searching in half, and double the quality of your search results. [B]

All Educators, All Skill Levels, All Levels

VoiceThread in the Classroom

Sandra Morris, Staff, Clarkston Community Schools, and Andrew Hopkins, Teacher, Harper Woods Public Schools

D2-13

This presentation will demonstrate the creative and innovative features as well as the parameters of the online application VoiceThread. Attendees will see that education is not limited to just their classroom; student activities can be created and shared with other classes, districts, and countries, all in the cloud! Attendees will view the process and logistics of developing cross-curricular projects in this online environment. Although the presentation will primarily exhibit elementary and middle school projects, the theory can also be applied to the secondary environment. Presenters will create a real time VoiceThread post that participants may be a part of during or after the session. [B]

All Educators, All Skill Levels, All Levels

Reaching Today's Student with Michigan's MI Learning on iTunes U Resources

Judy Paxton, MI Learning Manager, MACUL

03-46

Smart phones, tablets, iPads, computers... Would learning resources available anytime, anywhere help your students and staff achieve success? Discover the hundreds of resources shared by Michigan educators and learn how to post collections and courses on MI Learning... for free! Join this dynamic "Made in Michigan" collaboration for all curriculum areas!

www.macul.org/milearning/ [B]

All Educators, All Skill Levels, All Levels

Project Manager for MiCase with Kalamazoo RESA

Barbara Smalla, Project Manager, MiCase, and Mary Jane Mielke, Director of Professional Development, Wayne Westland Community Schools

D3-17

At some time we all think about our weight and/or desire a healthier lifestyle. Loselt is an app that can be a helpful tool in your journey toward healthier living. Whether it's counting calories for weight loss, exercise, or tracking the nutritional value of your foods, Loselt can help you get on track. You'll have little difficulty coming up with great integration ideas for this technology tool. Loselt is available for mobile devices as well as on the web.

All Educators, All Skill Levels, All Levels

1:00 – 2:00 PM

Higher Education/Teacher Preparation

Game On! Using Everyday Video Games in K-8 Classroom Learning

Liz Kolb, Clinical Assistant Professor, University of Michigan

W2-71

Twenty eight student teachers spent four months using and evaluating everyday video game systems, such as Nintendo DS, Nintendo Wii, Minecraft, popular gaming apps and LeapPads for elementary school learning. Lesson plans, tutorials, and demonstrations with video games will be shared, as well as lessons learned about using everyday video games in elementary schools.

All Educators, All Skill Levels, Lower Elementary through Middle School

The Naked Truth about Full-Frontal Presentations

Lynell Burmark, Consultant, Thornburg Center, and Warren Dale, Technology Facilitator, Los Angeles Unified School District

D3-19

The lights are dimmed. Images illuminate the screen behind the presenter. A billion people fall asleep. Every day. Enough already? Time to assume a new presenter approach with hands-on participation and compelling, royalty-free images. Come experience the entertainment of music, humor, and storytelling. Discover the "10-minute rule" and practice strategies to apply it during your presentations. Learn how to use a "back channel" to capture valuable audience questions and contributions during the presentation and archive them for future reference. Help yourself to free downloads of this session's slides, activities and resources, plus enter to win a widescreen Epson LCD projector and other valuable resources!

All Educators, All Skill Levels, All Levels

Measuring Student Growth

Bruised Foreheads: What EVERY Educator Needs to Know About Data Warehouse Training

Mitch Fowler, School Data Consultant, Calhoun ISD

D2-11/12

Your data warehouse alone is not going to solve your student achievement issues. In fact, without targeted expectations for teachers and administrators, chances are it's going to make them worse. Join the presenter as he discusses his unorthodox, yet effective approach to data warehouse training and implementation. Leave with examples and resources on how to structure teacher PD and what to avoid at all costs. Participants will receive data analysis templates, data conferencing frameworks, and other free data resources to enhance the power of your data warehouse. Whether your district is beginning to use a data warehouse or the bruise is still fresh from running ANOTHER data warehouse for beginners course, join us to learn how to make your data warehouse the efficient and effective tool it was designed to be.

All Educators, All Skill Levels, All Levels

MACUL 2013 Conference Tags:

blogging – macul13

Flickr – macul13

Twitter – #macul13



Thursday Sessions and Events

1:00 – 2:00 PM

Mobile Devices

Keeping Kids Connected to the Classroom with Texting

Karen Kearns, Teacher, Plymouth-Canton Community Schools, and James Lockwood, Teacher, Starkweather Alternative High School/PCCS

DO-03C

Every middle school and high school teacher knows that most teenagers' main method of communication is via text messaging. In our session you will hear how we are keeping at-risk students, many with high absenteeism, connected to our classrooms using texting. We will discuss methods for messaging that mask phone numbers and archive messages. Content, timing, frequency, and students' reactions to receiving classroom texts will be discussed.

All Educators, All Skill Levels, Middle and High School

iPads = Connecting Them to Your Whiteboard

Matthew Gutteridge, Teacher, Hartland Consolidated Schools

O2-33

In today's digital classroom there are more and more iPads and iOS devices. The iOS platform has great educational tools, but how can you get the content onto your computer screen or whiteboard? This session will give you options to use your iPad to connect to your computer and SmartBoard to control the screen, essentially making it a remote desktop option. This gives you the option to be anywhere in the classroom to manipulate your computer or whiteboard. Sometimes we like to display the content of our iPad or other iOS device on the computer screen or whiteboard. You will be shown both a wireless and hardwire option to mirror your iOS device. This gives the user many options such as creating how-to tutorials, displaying apps, and interacting with a whole group from the iPad or other iOS device. [B](#)

All Educators, Intermediate, All Levels

iPads for Busy Teachers and Administrators

Andy Mann, Director REMC 4, Instructional Tech Consultant, Muskegon Area ISD

D2-08

Discover how the iPad can help busy teachers or administrators manage time and be more productive. Learn to use the "must have" productivity applications including: Evernote, Dropbox, Dragon Dictate, and Zite. Learn time-saving iPad tips such as saving commonly used web sites as one-click desktop icons and how to better manage your Google calendars and email accounts. Learn the power of using customized Google forms for classroom walkthroughs. Bring an iPad with an associated iTunes account. [B](#)

Administrators, Teachers, Intermediate, All Levels

A Day in the Life of a One-to-One Elementary Classroom

Erin Mastin and Carrie Stanek, Teachers, Boyne City Public Schools

D3-24/25

Are you wondering what it looks like in a classroom with iPads for every student? Come and see how elementary classrooms operate on a daily basis in a One-to-One setting. Learn how we are using iPads and Web 2.0 tools such as Twitter, Blogger, YouTube, and Edmodo. Experience the everyday routine and the tips and tricks to make it all run smoothly. Witness the beginnings of a flipped classroom in the elementary setting. A list of tried and true apps and other resources will be available.

Special Education Teachers, Teachers, Technology Leaders, All Skill Levels, Pre-K through Elementary School

1:00 – 2:00 PM

Professional Learning

PD Plus U: Professional Development Collaboration with School Districts and Universities

Jason Siko, Assistant Professor, Grand Valley State University

O2-41

Our school district teamed with a local university to provide much needed professional development in technology. Teachers and technology staff designed the courses around the tools available to district teachers. Teachers received graduate credit for the courses which could be used for recertification. The university offered the classes for reduced tuition and shared revenue with the district. This session will highlight the lessons learned from the first year of the collaboration.

Administrators, Technology Leaders, Intermediate, All Levels

Apple Technologies, iTunes U, and the Best Apps for Transforming Student and Staff Learning in a One-to-One School

Fred Sitkins, Principal, and Rebecca Wildman, Teacher, Boyne City Public Schools

O3-45

This presentation explains how the introduction of Apple technologies has completely transformed BOTH students and staff learning in an elementary school. The presenters will share the educational benefits of using iPads in a One-to-One environment and will provide many examples of the impact on both student and staff learning. Participants will gain knowledge of the incredible power of iTunes U and how it can be used to flip both student and staff learning. Apple technology has been the impetus for powerful learning for the students and staff of Boyne City Elementary School; we invite you to hear our exciting story.

All Educators, All Skill Levels, Elementary School

Watch Awesome Happen: Professional Development from the Ground Up: A Coaching Clinic from Two Helpful Guys

Jon Corippo, Director of Technology, Chawanakee Unified School District, and Andy Losik, Teacher and Tech Integration Coach, Hamilton Community Schools

D3-16

MACUL and CUE (from California) come together to present two extra-dynamic Apple Distinguished Educators who are also Google Certified teachers. The two "helpful guys" specialize in social media, ed tech, and all things Apple and Google. Learn how to build worldwide learning communities for your school or district. And laugh a lot. Attendees will receive instruction and tips on how to be wildly successful NOT paying for professional development. Tools shared will include: Twitter, Facebook, and Google Docs. Philosophies of learning will include: building a mighty PLN of professional presenters who reside in your own district; using the template of the CUE Rock Star Camps, which have produced several Apple Distinguished Educators and almost a dozen Google Certified teachers in only three years.

All Educators, All Skill Levels, All Levels



Thursday Sessions and Events

1:00 – 2:00 PM

School Improvement/Administration/Leadership

Creating a Culture of Learning

Jim Peterson, Secondary Director of Instruction and Technology, Holland Christian Schools

W2-65

Everyone learns. The conditions of the modern connected world have changed enough that everyone needs to be a learner. Practical tips making technology and learning integral to everything your school does will be presented.

Administrators, Principals, Technology Leaders, Advanced, All Levels

Using Google Sites to Model, Monitor and Maintain School Improvement

Stephen Keskes, Director, Pinckney Community Schools, and Cory McElmeel, Director, Ypsilanti Public Schools

O2-35

Use Google Sites to increase collaboration, model technology integration, track and monitor school improvement efforts. Create a Google Site to warehouse vision and school improvement goals. Create documents, link web sites and collaborate using a Google Site. Teacher learning is documented and recorded for reflection and data analysis. This powerful tool makes transparency a natural link to the work your teachers are doing every day to improve student learning.

All Educators, Intermediate, All Levels

More Administrator Essentials: Tools to Stay on Top

Angela Elkordy, Doctoral Fellow, Eastern Michigan University

M2-30

As a busy administrator, you've got a packed schedule! Take time out to learn about web-based tools for your productivity, as well as for collaboration with your team. This session is an overview and investment that will help you be more organized, connected, and effective. Practical examples and resources will be shared to get you up and running, impressing both your colleagues and yourself! [\[B\]](#)

Administrators, Library/Media Specialists, Principals, Intermediate, All Levels

Free! Observation Tool Via Mobile Device

Maureen Slamer, Director of Professional Development, Data 4SS, and Mary Gehrig, Assistant Superintendent, Calhoun ISD

D2-14

What are the components of quality instruction? Using a mobile form, we will observe a literacy classroom, practice collecting observation data, analyze the data we collected, and understand how to use the observation data to have a data conversation. Join us as we explore how to use this tool to support us as administrators. [\[B\]](#)

All Educators, Introductory, All Levels

1:00 – 2:00 PM

Teaching the Common Core Curriculum

"This I Believe" Digital Storytelling

Andy Schoenborn, Teacher Consultant, Chippewa River Writing Project

D0-03B

NPR's "This I Believe" essay is a tried-and-true method used to encourage student writers to think critically, reflect meaningfully, and share personally. This session elevates outcomes by allowing students to present their core belief visually, audibly, and authentically while transforming their words into digital stories that enhance the experience. The editing and revising process begins to take on a life of its own, because students understand that they will share their final products with others in class and on the web. As students engage with the process they incorporate digital literacies that provide an effective means to meet their personal needs and those outlined in the ELA Common Core State Standards. The result is a strong sense of accomplishment and satisfaction when students share their work.

All Educators, All Skill Levels, All Levels

STEM MI Champions: Harnessing the Power of UDL, PBL and STEM Technology

Susan Hardin, Assistive Technology Consultant, Macomb ISD

D2-15

Common Core keeping you up at night? Are you wondering how your school can meet the needs of all students in this changing educational landscape? Discover the power of designing curriculum that engages all students in accessible, authentic, inquiry-based learning. This session will explore how STEM-focused, Project-Based Learning units, combined with Universal Design for Learning and a digital backpack filled with mobile technology, can transform teaching and learning. We'll share the outcomes of MACUL's two year STEM MI Champions project. You'll leave with a clear vision of how to integrate these educational powerhouses into the CCSS and with the resources needed to get you started.

Administrators, Principals, Teachers, Intermediate, All Levels

Technology Infrastructure and Support

Technology Readiness Planning: What the Future Holds for You

Tim Hall, State Tech Readiness Coordinator, and Bruce Umpstead, State Director, Educational Technology and Data Coordinator, Michigan Department of Education

W2-66

Learn what the Smarter Balance technology readiness survey is saying about Michigan's readiness and what the Michigan Department of Education (MDE) is doing to improve technology readiness planning for all districts in partnership with the Michigan Association of Intermediate School Administrators (MAISA). [\[B\]](#)

Administrators, Introductory, All Levels

Read highlights from sessions at the
MACUL Conference Blog
<http://macul.edublogs.org>

Wireless Internet access provided by
Merit Network, Inc.
Ruckus Wireless
eGearUSA
AT&T
Maximize Technologies

Thursday Sessions and Events

1:00 – 2:00 PM

Universal Design for Learning/Differentiation

Using Bookshare with Kindles

Amy Baad, Assistive Technology Coordinator, Clinton County Regional Educational Service Agency

02-38

This session will cover how to provide accessible instructional material to eligible students with print disabilities through the use of Bookshare and Kindles. One teacher and two students from each high school in our county participated in a year long pilot project using Bookshare with Kindles. Come and learn about the process of converting files to the Kindle and how students took a leadership role in this pilot. All resources created for this project will be posted online so that others can use or modify the materials to benefit their students with print disabilities.

Special Education Teachers, Introductory, Middle and High School

Epic 21st Century Problem-Based Learning

Roy McCloud, Learning Facilitator, Birmingham City School District

D2-09

Project-based learning has been let down in too many instances with “fake,” academic, theoretical problems that need solving. The learning processes involved are at best fuzzy for most educators: what is “collaboration,” “student-designed,” and “student-led” learning? See how one teacher’s challenge-based learning project transformed his classes around a focused theme, unifying 216 students as they were empowered with purpose-driven technology skills. Projects included videos, podcast, blogs, and web sites. Challenge-based learning fosters an environment of collaboration, creativity, purpose, and excitement for learning. Students had to identify a goal, develop their guiding focus, activities, create a plan, and put their plan into action. Students took on the challenge of changing the culture of their school community of over 800 people. They did research around different needs in the school community, proposed solutions, and developed campaigns to impact their school culture.

All Educators, All Skill Levels, All Levels

Teaching Simple Machines and Force and Motion Using LEGO

Ivery Toussant, Jr., Educational Consultant, LEGO Education

D2-10

Even the least-science oriented teacher will feel confident learning how to teach simple machines, force, and motion and a little energy using that wonderful manipulative, LEGO, while addressing content standards in math, science, and technology and promoting scientific inquiry and problem solving. 

All Educators, All Skill Levels, Upper Elementary School

The Appcessible iPad

Kit Hard, Education Technology Consultant, St. Clair County RESA

D3-18

In this session participants will learn about the iPad’s built-in accessibility features, but more importantly understand the importance of teaching these features to all students. Not only does this help to destigmatize these features as “assistive technology” for students with disabilities, but transforms them into universal tools for learning. The principles of Universal Design for Learning will frame our conversation as we look at how to meet the needs of all learners using the iPad.

All Educators, Introductory, All Levels

1:00 – 2:00 PM

Are We Graders or Teachers? Standards Based + iPad, iPods, and Software = Student Learning

James Rissi and Alaina Sharp, Teachers, Western School District

D3-20/21

Two science teachers from Western High School in Jackson have changed their classrooms to a standards-based grading system, which puts emphasis on student learning rather than completion of tasks. The process requires test retakes, remediation, and a differentiated classroom. While this sounds complicated, teachers can spend far less time grading daily assignments which have now become the student’s practice opportunities. To help manage learners at many different levels, technology tools have been incorporated including iPads, iPod touches, Doceri desktop remote for the iPad, Camtasia, YouTube, and Google products. These tools extend the classroom both in terms of time and level of learner and facilitate a standards-based approach.

All Educators, All Skill Levels, Middle School through University/College

1:00 – 3:00 PM

HANDS-ON WORKSHOPS

Fee is \$40 per workshop. Pre-registration is required.

See descriptions and information on page 22-25.

2:30 - 3:30 PM

☆ 21st Century Learning and Educational Technology: Understanding the TPACK Framework

Punya Mishra, Professor, Michigan State University

W1-51

Technology is playing an increasingly important role in the world of teaching, offering the potential to fundamentally change the practice and process of teaching and learning. These changes, however, present significant challenges to teachers and teacher educators. Confronting these challenges requires moving beyond notions of just integrating technology to an understanding of the complex issues teachers face. Dr. Mishra will discuss the challenges related to 21st Century Learning and the role that educational technology can play in meeting these challenges. He will introduce the Technological Pedagogical Content Knowledge (TPACK) framework as a way of thinking about teacher knowledge, technology integration, and teacher creativity. The TPACK framework places teachers front and center as designers of curriculum, who flexibly and creatively integrate technology and pedagogical approaches to help their students understand subject matter. He will provide examples of current research and practice as well as offer implications for teacher education, teacher professional development, and policy. 

☆ Entrepreneurial Learning

Kevin Honeycutt, Educational Technology Specialist, ESSDACK

W1-52

Could kids learn about business by being one? Today’s tools and resources allow kids to create, market, and sell their ideas anywhere in the world. There are no barriers save for those we impose on ourselves. Let’s explore some powerful tools and notions that kids could use to imagine a future where they are successful! 

Thursday Sessions and Events

2:30 - 3:30 PM

☆ **Build a Culture or Roll the Dice: Maximizing Your School Culture**

Jon Corippo, Director of Technology, Chawanakee Unified School District; Will Kimbley, Teacher, Rock Star Teacher Summer Tech Camp; and Dave Childers, Assistant Superintendent, Merced County Office of Education

W1-54

To get kids truly learning, they have to be part of a school that is safe and allows creativity and failure to be part of the process of learning. This session features two educators who have started schools from the ground up and another who gave his a complete makeover. Learn how to start your school on the path to being a purposeful learning community. Learn how to build PLNs, how to create a school that is innovative and creative, and how to use tools like Twitter to leverage the knowledge of thousands of teachers around the globe. ☺

☆ **Android and Friends: Those Other OS's that Do Not Start with an I**

Leslie Fisher, Director, leslifisher.com

W1-55

This class will dive into the most popular applications available for education on the Android, introducing you to other operating systems, the tablets that use them, and the advantages to using them. Classroom, productivity, personal as well as accessories will be discussed and demonstrated. ☺

Blended Learning and Virtual Schooling

Where Are the Landmines? A Primer for Online Learning Planning

Jamey Fitzpatrick, President, Michigan Virtual University

W2-63

Don't step on a planning landmine before even getting started on your journey to establish or expand online and blended learning programs? This session will address the down-to-earth discussions you should have and planning aides that will help you avoid common pitfalls. ☺

Administrators, Technical Support, Technology Leaders, Intermediate, Middle and High School, Adult Educator

Digital-Age Teaching and Learning

iPads Across the Elementary Curriculum – A Journey Worth Taking

Joanna Van Raden and Mary Fielder, Teachers, Manchester Community Schools

DO-01A

Join us, Guides on the Side, as we share our adventures in teaching and learning using iPads One-to-One in our second, third, and fourth grade classrooms. Teaching and learning with iPads has proven to be a creative, innovative, and successful way to meet the diverse needs of students in the elementary grades in all areas of the curriculum. All student learning needs can be met while students become independent, self-directed learners. Flipping the classroom can be adapted to this age level while creating an exciting classroom atmosphere beaming with cooperative and independent activities for all. We have found increased time to meet individually with students during lessons. We will share our favorite apps, activities, and project-based learning. If you have ever been curious as to exactly what you could do if you had a classroom full of iPads, you won't be disappointed!

All Educators, Introductory, Upper Elementary School

2:30 - 3:30 PM

One-to-One iPads in the Classroom

Ryan Ringle and Erin Luckhardt, Teachers, Boyne City Public Schools

DO-01B

Have you recently switched to One-to-One iPads, or have thought about it? Do you have some iPads in your classroom but don't know where to start or are looking for some cool ideas? Boyne City Public Schools have One-to-One iPads K-12 and are ready to share ideas on where to start or how you could use them in your classroom from K-12. Both presenters have worked with IT and on the committees that led to the One-to-One iPad initiative, and teach in the classroom on a daily basis using the iPads. We can help all teachers and all curriculums find easy and effective ways to use iPads in the classroom.

All Educators, All Skill Levels, All Levels

Don't Be Thunderstruck with Today's Technology: Two Teachers Show How to Electrify the Elementary Classroom!

Mindy Lynch and Tracy Lemkie, Teachers, Ravenna Public Schools

DO-03A

Two elementary teachers show ways to integrate today's iPads, phones, digital cameras, online resources, computer lab, and more to electrify the daily lessons of a classroom. Something for everyone! Come and take away tips you can go back and use on Monday!

Teachers, All Skill Levels, Upper Elementary School

Using Game Design in Your Elementary Classroom

Mary Phillips, Teacher, and John Phillips, Director, SIGEE, Battle Creek Public Schools

02-33

Come out and explore how the concepts of game design, as well as actual game design, can be used in your elementary classroom to excite and engage your students. This journey includes setting up a level-based system in your classroom for students to demonstrate mastery, as well as how to use online tools such as Gamestar Mechanic to have your students create learning-focused games in less than 40 minutes. [LB](#)

All Educators, Introductory, Elementary School

Kids + Mentors + Low-Tech Tools: Developing a Makerspace Culture

Rachel Goldberg, Librarian/Technology Integrationist, Plymouth-Canton Community Schools; and Kristin Fontichiaro, Assistant Professor, and Ellen Gustafson and Jessica Schmidt, Graduate Students, University of Michigan

02-38

"Doing hands-on things you can't do at home or anywhere else." "It's not like school." That's how our students describe Michigan Makers, our weekly after-school makerspace project. Created by University of Michigan faculty, graduate students, and alumni, we are excited at how low-cost electronics – like \$25 Arduino microcontrollers and \$35 Raspberry Pi Linux computers – make computer-based tinkering affordable. Our project explores how and what participants learn when we bring low-hierarchy, "tinker thinking" into the after-school setting. With an emphasis on social learning, we aim to encourage students to "fry the Pi" – to tweak, hack, experiment, and explore. We'll report on our thinking, planning, and early implementation.

All Educators, All Skill Levels, All Levels

Thursday Sessions and Events

2:30 - 3:30 PM

Oh, Discovery Education! How Do I Love Thee? Let Me Count the Ways!

Max Brooks, Manager, Discovery Education

02-40

Fall in love with the multitude of video, audio, image, text, and STEM resources from Discovery Education Streaming. Come to this session to explore a cornucopia of creative integration strategies for using Discovery Education media inside and outside of the classroom. (Re?)Introduce yourself to an amazing network of like-minded educators focused on transforming traditional teaching and learning practices. [E]

All Educators, All Skill Levels, All Levels

Getting Wiki with It: Digital Writing, Portfolios, and Collaboration

William Fricke, Teacher, North Muskegon Public Schools

02-42

Learn how to use Wikispaces in your classroom to facilitate collaboration between students and to create an accessible avenue of communication between you and your students. Wikispaces can also be used to store handouts, assignments, and PowerPoints. Attendees will see an example of how Wikispaces is used in an English classroom, then will see a brief demonstration on how to set up a Wikispaces for use in their own classroom. [B]

Teachers, Intermediate, High School

Minecraft: Worlds Built for Investigative Learning

Chris Scott, Teacher, Santa Ynez School

M2-30

Minecraft is a game where players are given a tool to build their world; the core of the game is to construct. The player designs and develops his/her vision in a 3D world that resembles something like digital LEGOs. Minecraft has become an integral part of the classroom as students demonstrate their learning. Students have shown an inherent motivation to demonstrate the effectiveness of Minecraft in the classroom. Students have recreated famous Roman attractions, Medieval castles, Aztec temples, and more as they choose to spend time refining their product. The application of Minecraft stretches far beyond historical buildings. Leave the session energized with the tools to bring Minecraft to your school. [B]

All Educators, All Skill Levels, Upper Elementary through High School

Redesigning Schools with Flipped Learning

Brian Bennett, Teacher, South Bend Career Academy

D2-09

Flipped Learning is growing in popularity among teachers and administrators. But, much of the discussion is based on the technology required and not on the fundamental redesign that must occur in learning spaces and schools in order to successfully and meaningfully flip the learning process. This session will challenge participants to re-think their approach to the time they spend designing learning tasks for students. It will include discussion about the physical redesign (see <http://dschool.stanford.edu/>) as well as a philosophical redesign of the time spent in school. This session will push for discussion and questioning, and is intended to leave participants with thoughts and more questions rather than answers or how-to guides.

All Educators, Intermediate, All Levels

2:30 - 3:30 PM

Video Use in Your Classroom – Tips, Tricks and Inspiration

Mark Dohn, Consultant, Curriculum Design, Mobile Learning, and Technology Integration

D2-10

How can you, as a teacher, more effectively communicate with your students? This is the \$64,000 question! In this presentation see how video was used over a ten-year-period in a middle school for instruction, communication, and ultimately to create community.

All Educators, All Skill Levels, All Levels

YouTube, WeTube, We All Tube

Andy Mann, Director REMC 4, Instructional Tech Consultant, Muskegon Area ISD

D2-15

YouTube is the ideal site for sharing lessons, screencasts, and student videos. Learn to get started, create a YouTube channel, and upload prerecorded video and video from a computer or webcam. Learn to customize channel settings including channel name and background, change video thumbnails, and configure settings to restrict comments or video replies. Learn how to create screencasts using Screencast-o-matic and quickly send them to your YouTube channel. Finally, learn how to enhance videos with special effects, rotate a video 90 degrees, or replace copyrighted music with YouTube provided music with the YouTube editor. Every educator should have a YouTube channel to host their classroom video content and screencasts.

All Educators, Intermediate, All Levels

Blooming with Technology

Maryly Skallos, Instructional Designer, Ellucian, Inc., and Julia VanderMolen, Assistant Professor, Davenport University

D3-16

Bloom's Taxonomy and Web 2.0 are merged into a digital version known as Bloom's Digital Taxonomy. Selecting appropriate Web 2.0 tools to address the six levels of Bloom's Taxonomy is a skill that innovative educators need to have in their toolbox. [E]

All Educators, All Skill Levels, All Levels

Be My Shmoopie!

Jay Gross, Teacher, Shepherd Public Schools

D3-18

Come with me on a 60-minute journey through SHMOOP to help cross curricular subjects improve in all areas including ACT, PSAT, and AP tests/courses. The presenter is using a fun, challenging, and informative web site to enhance his classroom and improve test scores and student achievement.

All Educators, Administrators, Special Education Teachers, All Skill Levels, Middle School through University/College

MACUL 2013 Conference Tags:

blogging – macul13

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Thursday Sessions and Events

2:30 - 3:30 PM

iPads First – Individualized, Personalized, and Differentiated: One-to-One iPads in the First Grade Classroom

Sheila Dokter, Teacher, Holland Christian Schools

D3-19

Individualized, Personalized, and Differentiated...These are three of the many buzz words surrounding best practice in education – each idea relevant to educating every child based on his/her unique abilities. Implementing a One-to-One iPad initiative in lower elementary has been beneficial and influential in helping to provide a personalized approach to learning for students. Attendees will leave this presentation equipped with tried and true ideas for using the iPad to create and reinforce concepts, and to actively engage students in curriculum.

Teachers, Intermediate, Lower Elementary School

Global Explorers – Connecting and Collaborating Around the World

Cheryl Lykowski, Teacher, Bedford Public Schools

D3-20/21

Connecting and collaborating has become a vital part of our lives and can no longer be left to the business world. It is important that educators today learn not only how to integrate collaborative projects seamlessly into their classrooms, but how to connect them to the curriculum. In this interactive presentation, participants will experience several different projects, learn how to search for and find collaborative projects, how to create their own, and participate in a live collaborative event on the spot! Walk away with the knowledge, tools, and excitement to get you started in a collaboration project.

All Educators, All Skill Levels, All Levels

Student Presentations...iPad Style

Alison Kline-Kator, Teacher, Mercy High School

D3-22/23

Whether your classroom has one iPad or a whole set, you can help students present their learning to your class, and to the whole world! This session will explore both low-cost and free options for creating presentations on iPad, and will also showcase ways that students can share their work – both in class and in the cloud.

Special Education Teachers, Teachers, All Skill Levels, All Levels

Cloud Stories

Michele Warman and Fayeannette Pierce, Instructors, Onekama Consolidated Schools

D3-24/25

Research shows students' level of motivation increases when they are working with scenarios that personalize the information and allow them a more hands-on approach. This year the presenters included the use of VoiceThread into the math and English curriculum to increase and deepen student understanding and skill with solving story problems. VoiceThread is a collaborative, multimedia slide show that holds images, documents, and videos and allows people to navigate slides and leave comments. With VoiceThread, group conversations are collected and shared in one place from anywhere. No software to install. Implementing VoiceThread into the curriculum was a smooth process. Its benefits are immediately evident and students are engaged. Come join us as the benefits are reviewed.

Teachers, Introductory, Middle School

2:30 - 3:30 PM

Higher Education/Teacher Preparation

The Effects of Language of Instruction on Preservice Teachers' Perception of Competency and Confidence in Meeting ISTE NETS for Teachers

Abdurrahman Almekhlafi, Associate Professor, United Arab Emirates University

O2-41

Globalization has demanded that curriculum development and design should be guided by standards set up by specialty organizations. In the field of educational technology, International Society for Technology in Education (ISTE) is the organization responsible for setting up the teachers' and students' technology competencies standards. Since the release of ISTE standards, many studies have been conducted investigating the utility of these standards for enhancing teacher education curricula. One in particular was conducted with 266 female preservice teachers studying a technology course in the College of Education, United Arab Emirates University. It aimed at finding out if teaching in a native language (Arabic) versus teaching in an almost-international language (English) makes any difference in increasing preservice teachers' perceptions of their competency in ISTE standards. Data were collected using a questionnaire utilizing the ISTE General Preparation Profile for Prospective Teachers and the ISTE Technology Competence Survey. This session will review the findings.

All Educators, All Skill Levels, All Levels

Connecting iPads to Instruction and Assessment

Barbara LaBeau, Professor, and Jacque Melin, Instructor, Grand Valley State University

D2-08

Are you making the best use of iPads in your classroom? iPads can inspire problem-solving, creativity, and hands-on learning in your classroom. Bring your iPad and be introduced to applications to engage students in instruction and for formative assessment purposes. You will download iPad applications that will be useful for K-12 students and for use in college classrooms. Practical use of these applications for instruction and for assessment purposes will be given. Today it is easier than ever to differentiate instruction because there is an app for every learner. [\[B\]](#)

Teachers, Technology Leaders, Introductory, High School through University/College

Measuring Student Growth

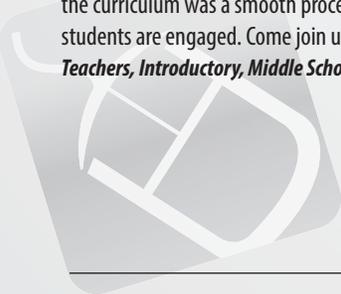
Authentic Assessment with Digital Portfolios

Brad Wilson, Educational Technology Consultant, Jackson County ISD

O2-43

Every teacher wants their students to take more ownership over their learning... but how do we get there? Today's web and mobile technologies offer new and better ways for students and teachers to collect work samples for assessment, sharing, and reflection. This session will explore examples of how blogs, wikis, web sites, and other digital 'containers' can facilitate meaningful electronic portfolios. Free or inexpensive web sites and apps will be demonstrated using real classroom examples in this fast-paced presentation. [\[B\]](#)

All Educators, Intermediate, All Levels



Thursday Sessions and Events

2:30 - 3:30 PM

Getting Ready for Smarter Balanced Testing

David Seitz, Manager, Strategic Initiatives, Apple, Inc.

03-45

As you prepare for the Smarter Balanced Testing for your school, and are looking to meet the needs of your students in both their learning and in the testing requirements, you may have run into some questions. We will look at how Apple hardware and software can help your district meet the needs of Smarter Balanced Testing as it currently stands, and still maximize your investment in technology for education. We'll discuss what you should consider with your technology purchases to meet requirements, and try to help answer your questions about how Apple solutions can fit into your school's education mission. [E]

Technology Leaders, All Skill Levels, All Levels

Stop the Hoop Jumping! 3 Steps to Authentic, Embedded, and Sustainable Data-Based Instruction!

Mitch Fowler, School Data Consultant, Calhoun ISD

03-46

Is your district stuck in "compliance mode" when it comes to using academic data to drive instruction? Far too often, educators are scrambling to "prep" for data conferences, only to return to their "normal" way of teaching once the conference is over. Join this session to look at three quick steps that will get teachers focused on data. Leave with templates, examples, and free resources to hit the ground running! Learn about experiences in the classroom that have led districts to drastically change the way they approach data-based instruction. Leave feeling confident that you are on a path toward sustainable, embedded, and authentic data-based instruction. [B]

All Educators, All Skill Levels, All Levels

Mobile Devices

Mobile Device Management / Client Management / Inventory Reporting

Rob Sanders, Account Executive, FileWave

W2-58

FileWave is a cross platform (PC, Mac, Linux) enterprise management solution that centralizes the task of deploying software and the updates all district software needs. The patented file level, post deployment control tools, exalt deployment completion. FileWave completes the update process when networks go down or out of range, when laptop lids close or batteries die. The self service kiosk portal gives students and administrators more control over optional downloads. iOS management rounds out the suite of solutions that are all managed from a single user interface. VPP code management is automated making deployment of required MDM apps seamless. BYOD is easily managed by FileWave. The inventory solution provides easy reporting of hardware and software district wide. [E]

Technology Leaders, Intermediate, All Levels

2:30 - 3:30 PM

iLearning.iFlexible.iPad: Inspiring Ideas, Tools, and Resources that Amplify Student Learning

Joanne Rowe, Julia Alder, and Joan Roettenberger, Digital Age Curriculum Facilitators, Birmingham Public Schools

W2-65

Learn how to unleash the flexibility of the iPad to promote student creativity, collaboration, critical thinking/inquiry, and visible thinking. Resource, assessment, and app ideas provided.

Teachers, All Skill Levels, Upper Elementary through High School

Mathematics Observation Made Easy: Free Tablet-Based Tool

Tammy Schiller and Joe Liberato, Education Consultants, Calhoun ISD

D2-13

What are the components of a quality mathematics lesson? Using a mobile form we will experience a Common Core State Standards aligned mathematics lesson, practice collecting data, and analyze the data. Join us as we explore this tool and options for application in our schools. [B]

Administrators, Intermediate, All Levels

Professional Learning

Making the Best of the Technology You Already Have

Stacey Schuh, Instructional Technology Specialist/Learning Coach, Ingham ISD, and Matinga Ragatz, Instructional Technologist, Eaton ISD

D0-03B

Using technology in the classroom is fantastic and everyone is talking about how much it changes learning. However, technology can be a bit of a nightmare when you do not have the right set of circumstances. Participate in an open exchange centering around the growing pains many teachers are experiencing with the implementation of technology in their classrooms. Instructional technology specialists will share strategies on how to manage current classroom technology, how best to connect with tech support, networking with educators with similar issues, how to implement outdated technology in everyday lessons, how to manage time in the face of new tech tools, and how to troubleshoot effectively.

All Educators, All Skill Levels, All Levels

Professional Learning Networks at Davenport University – Social Media Tools for New and Longstanding Instructors

Kriss Ferluga and Keri Dutkiewicz, Faculty Learning Coordinators, Davenport University

D0-03C

Davenport University has developed two social media tools that work in tandem to strengthen community and communication among its faculty and staff by providing continuous and dynamic learning. Subscriber-based virtual communities, such as Wiley Faculty Network, and social learning networks, including Gaggle and Edmodo, provide instant access to best practice information while connecting faculty and staff through videos, document sharing, and Q and A forums. These tools are maintained separately from Blackboard, (student learning management system), to provide dedicated professional development options for faculty and staff. Davenport faculty and staff worked with key IT stakeholders to assess business and community needs and to invest in these tools. See how we enhanced our university community by strengthening the relationship between professional development and information technology.

All Educators, All Skill Levels, All Levels

Thursday Sessions and Events

2:30 - 3:30 PM

Observation 360°: Implementing a Web-Based Teacher Effectiveness System

Vivian Bonner, Training Specialist/Coach, and Laura Monks, Teaching and Learning Specialist/Coach, School Improvement Network

W2-64

This presentation will showcase the use of Observation 360° and its equipment, and how it can help administrators use observation and evaluation results to determine strengths, weaknesses, and develop personalized training throughout the school year. It will provide examples of how administrators are able to couple observations with professional development resources. Participants will view sample classroom walkthroughs and observations using the district rubric and methods to give administrators points to consider as teachers improve their methods and strategies. There will be a hands-on overview of the thereNow 360° camera and the Observation 360° mobile application. Observation 360° and PD 360° provide a common platform on which to collaborate. Peer coaching through classroom walkthroughs creates an atmosphere for specific training and directed learning. Peer coaches and instructional leaders are able to provide real classroom examples of best practices. ☺

All Educators, Administrators, Principals, All Skill Levels, All Levels

Flipping EdTech Professional Development

Dan Spencer, EdTech Consultant, Jackson County ISD

D3-17

The flipped learning concept is making a positive impact on teaching and learning in the classroom, but can the same ideas apply to educational technology professional development? Come see TPACK (Technological, Pedagogical, and Content Knowledge) methods EdTech coaches are using to “flip” PD and empower educators to learning and implement technology into their teaching in meaningful ways.

All Educators, Intermediate, All Levels

School Improvement/Administration/Leadership

Observations Can Help Teachers: Three Types of Observation Data

John Tenny, Ph.D., Professor Emeritus, Willamette University

W2-71

Observing to evaluate teacher quality? Or to help teachers improve their skills? The purpose of an observation dictates the type of data to be collected and how it will be used. This session will describe descriptive, summary, and evaluative data and gives examples of tools to gather each type. The presentation will also recommend the language best used with plan-of-assistance teachers versus good teachers working to improve their skills. The Data-Based Observation Model is easy to implement and can be used in any classroom observation.

All Educators, Intermediate, All Levels

2:30 - 3:30 PM

Teaching the Common Core Curriculum

Career and College Ready Standards and Assessments: Implications for Instruction

Megan Schrauben and Brandy Archer, Curriculum and Instruction Consultants, Michigan Department of Education

W2-61

MDE curriculum and instruction consultants will use examples of proposed assessment items to delve into the implications for instruction and the use of the appropriate technology in preparing all students for 21st century jobs. ☺

All Educators, All Skill Levels, All Levels

Project-Based Learning and the Common Core: Instructional Solutions

Stephen Keskes, Director, Pinckney Community Schools

O2-35

This session aims to provide teachers and administrators the opportunity to align pedagogy with the Common Core State Standards, so that they walk away with a deeper understanding of what is expected and how to facilitate these expectations in classrooms. While the Common Core pushes deeper thinking and higher expectations for student learning outcomes, there have not been many solutions for instructional design to support deeper learning in an efficient manner. Project-based learning is one solution that is worth exploring in meeting the new demands of the Common Core State Standards.

All Educators, Introductory, High School

Technology Enhances Physics and Chemistry Labs

Gene Wicks, Teacher, Sault Ste. Marie Area Public Schools

O2-39

High school science students use laptop computers, Vernier LabQuest Minis, and various sensors to decrease the time needed for data collection and increase the quality of the results. For most students, this technology makes scientific relationships more clearly observable and lab experiences more enjoyable.

Teachers, All Skill Levels, Middle School through University/College

Campfires in Cyberspace: Making Global Connections

Warren Dale, Technology Facilitator, Los Angeles Unified School District, and Lynell Burmark, Consultant, Thornberg Center

D2-11/12

Circle the digital campfire with handheld devices (iPads, iPhones). Learn to use free video-conferencing tools like Skype and FaceTime to connect your students with exemplary projects in real time, around the globe. Witness student-facilitated virtual lessons and field trips and discover replicable protocols, resources, and activities that catapult learning potential.

All Educators, All Skill Levels, Upper Elementary through High School

Wireless Internet access provided by

Merit Network, Inc.

Ruckus Wireless

eGearUSA

AT&T

Maximize Technologies

Thursday Sessions and Events

2:30 - 3:30 PM

I Have to Teach What? Digital Tools to Support Common Core Literacy Across Content Areas

Craig Steenstra, Education Technology Consultant, Kent ISD

D2-14

The Common Core State Standards contain fairly rigorous requirements for reading, writing, speaking, and language in all content areas, which may have some teachers and school leaders wondering how they can manage that while still focusing on everything else that needs to be taught. This session will cover easy-to-access, web-based tools that can be used to address all four literacy strands without a major time commitment. Attendees will learn the following: accessing topical reading materials of increasing complexity; leading guided reading and meeting the needs of struggling readers; utilizing digital resources for writing integration; and incorporating tools for audio recording and presentations. In-session practice will be encouraged, so BYOD! Literacy ho! [E]

Library/Media Specialists, Special Education Teachers, Teachers, Technology Leaders, All Skill Levels, All Levels

Technology Infrastructure and Support

Tips and Tricks for High-Density WiFi Design

Nick Gobora, Regional Sales Manager, and Matt Hanna, Systems Engineer, Aerohive Networks

02-44

Schools have quickly become the poster child for the "all wireless access layer" with BYOD and One-to-One educational initiatives. As a result, classrooms are experiencing more device density and more demanding applications, which requires that the infrastructure be smarter, faster, more reliable, more survivable, and easier to manage. In this session, you will learn design tips for handling a greatly-increased level of device density and application demand using the latest in enterprise-class Wi-Fi technology from Aerohive. [E]

Administrators, Technical Support, Technology Leaders, All Skill Levels, All Levels

3:30 - 5:30 PM

HANDS-ON WORKSHOPS

Fee is \$40 per workshop. Pre-registration is required.

See descriptions and information on page 22-25.

Conference App

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4:00 - 5:00 PM

☆ (in)Disciplined Learning, Creativity and Technology

Punya Mishra, Professor, Michigan State University

W1-51

The ability to be creative and flexible is critical in face of a rapidly changing world. Nowhere is this more important than in teaching. In this presentation Dr. Mishra examines the need for creativity in teaching and learning and critiques most existing approaches towards creativity as being content neutral. In contrast, he will argue for an approach that respects disciplinary knowledge even while providing ways of thinking that cut across the disciplines. This idea of (in)disciplined learning builds on decades of research that have helped identify seven cognitive tools needed for success in the new millennium. He will provide examples of how teachers can repurpose digital technologies to use these cognitive tools and how some of these approaches have been used in the Master's of Educational Technology program at Michigan State University. [C]

☆ Theatrical Teaching = Forever Learning

Kevin Honeycutt, Educational Technology Specialist, ESSDACK

W1-52

Remember your most inspiring teachers and professors? I'll bet they had a dramatic passion for their subjects and brought them to life in front of your amazed eyes. In this session we'll explore the potential, intentional role of theater, drama, and storytelling to effect teaching and lifelong learning. [C]

☆ I Was Told There Would Be Flying Cars! Rethinking Education

David Malone, Teacher, Technology Coordinator, Diocese of Oakland

W1-54

Where are the flying cars they promised us? What is the future of education? We were promised cool, innovative, and exciting. What we got was expensive toys that repackaged the same old thing. Interactions are different between educators but we don't support those connections in kids. There is no technological silver bullet: it is a rethinking of the approach. [C]

☆ Web 2.0 You Might Not Know

Leslie Fisher, Director, lesliefisher.com

W1-55

A week does not pass where a new great web site is created to help educators. This class will introduce you to the latest Web 2.0 sites designed with educators in mind. We will also take a look at some Web 2.0 sites for personal productivity as well. [C]

☆ OSX and iOS Tools for Student Success

Mark Coppin, Director of Assistive Technology, Anne Carlsen Center

W2-62

Technology has the potential to level the playing field and create dramatically different outcomes for all students of various abilities. Many powerful tools and solutions are built into the operating systems of our computers and mobile devices. These solutions can provide quick and powerful supports to help our students succeed. They are only useful if teachers and students know how to use them effectively. This session will demonstrate the accessibility and support features built into Mac OSX and the iOS operating system. Participants will explore accommodations for students with diverse learning needs without the need to purchase additional equipment. Text-to-speech, voice recognition, built-in dictionaries, text-to-audio, accommodations for vision and hearing, and other tools will be covered. Participants will know the wide range of solutions available on Mac OSX and iOS devices that can support their students' unique learning needs. [C]

Thursday Sessions and Events

4:00 - 5:00 PM

☆ REMC Blended Learning in the Classroom Project: Panel Session

Melinda Waffle, Educational Technology Consultant, Calhoun ISD, and Anne Thorp, LearnPort Instructor, A.T. Learning Designs, LLC

02-44

Blended Learning in the Classroom...maybe you have heard the phrase but aren't too sure what it is or where it might fit in your classroom. The REMC-funded Blended Learning in the Classroom Project has completed the pilot and implementation phase. With the project goal to provide teachers with free professional development learning to make their own classrooms blended and to incorporate online elements into their existing traditional classroom, feedback and results are in! You are invited to join this interactive discussion with a panel of teachers, participants, program instructors, and project managers to learn more about their experiences with the project. ☺

Blended Learning and Virtual Schooling

Multi-District Hybrid School

William Smith, Assistant Superintendent, Kent ISD, and Scott Vashaw, President, Parallel Consulting Group LLC

D0-01A

Research conducted by the Evergreen Education Group, author of *Keeping Pace with K-12 Online Learning 2011*, reports one of the fastest growing segments of blended instruction across the U.S. is multi-district programs offering local options to local students using local resources. The Kent Intermediate School District (KISD) represents 20 school districts that include a blend of rural, suburban, and urban. Under the direction and leadership of these 20 district superintendents and KISD officials, a set of three local hybrid schools were developed and launched in September 2012. Major areas of development and planning included content, instruction, technology, and operations. This session will cover the successes and challenges of coordinating the resources and support necessary to simultaneously open three successful new programs serving a variety of student and district needs. **Administrators, Principals, Technology Leaders, Intermediate, High School**

K-8 Science for All Online

Peggy Gaskill, Project Manager, and Susan Leslie, Learning Assessment Manager, Michigan Virtual University

W2-63

Michigan LearnPort® offers two new innovative online professional development courses that directly address the challenges of teaching elementary and middle school science. These courses focus on research-supported pedagogy with specific applications to the science classroom. This presentation will demonstrate these classes, and the four units of K-5 Science for All Online and 5-8 Science for All Online. Each class is entirely online and facilitated with support from peers. Examples of best practices are provided within the science content. Teachers are given solutions for issues of classroom practice, instructional strategies, and access to the STEM All Social Network, including interaction with elementary and middle school teachers and a repository for online course projects. ☺

All Educators, Intermediate, Elementary School

4:00 - 5:00 PM

Google Forms – May the Force Be with You

Will Kimbley, Teacher, Rock Star Teacher Summer Tech Camp

D2-13

In this session you will create Google Forms to use for quizzes, surveys, rubrics, and assignment dropboxes in this intermediate-to-advanced session. Create quizzes in Google Forms, then use Flubaroo to autograde and provide student feedback. Take control of student docs sharing nightmares and tracking assignments with Forms dropboxes. [E]

All Educators, Intermediate, Middle School through University/College

iBooks Author – Creating iPad Content for Education

Joanna Montgomery, Development Executive, Apple, Inc.

03-45

You may have heard that with the iPad in a student's hand the device becomes the content. In this session, we will demonstrate how easily teachers can create this digital content for use on the iPad. Using iBooks Author on the Mac, teachers are creating dynamic content for their students to access and enhance their learning and to engage their students. [E]

All Educators, All Skill Levels, All Levels

Best Practices for Online and Blended Learning

John Sowash, Director of Online Learning, Southfield Christian School, and

Jason Ragsdale, Director of Curriculum Development, Global Christian School Online

D3-19

Online and blended learning is becoming increasingly common in the K-12 environment. The unique needs and dispositions of K-12 students require a new examination of how online courses are structured and delivered. This session will feature practical suggestions for structuring blended or fully online courses. This honest presentation will discuss the good, the bad, and the challenging aspects of online and blended learning.

All Educators, Intermediate, High School and University/College

Edmodo vs Moodle: Features Showdown (Boxing Gloves Included)

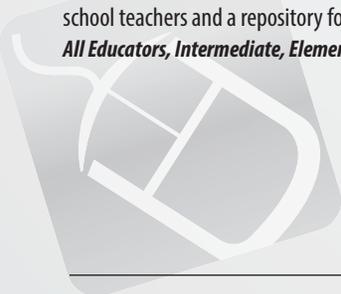
Steve Keinath, Teacher, Jackson Area Career Center, and JC Irvine, Teacher,

William D. Ford Career-Technical Center

D3-20/21

Learn which one of the two most popular online, classroom management and communication tools best fits your needs: Edmodo or Moodle. Two veteran teachers will duke it out in a showdown of the most popular features! Features include: communication, assignments, grading, analytics, class/user management, quizzes/tests, and privacy. The winner will be decided by the attendees.

All Educators, All Skill Levels, All Levels



Thursday Sessions and Events

4:00 - 5:00 PM

The Hybrid Classroom: Blending Online Learning and Direct Instruction

Kim Ibara, Teacher, East Grand Rapids Public Schools

D3-24/25

For the past three years East Grand Rapids High School has offered a hybrid language course. This course was developed to answer the community and language department interest in developing different entry points for less commonly taught languages, providing students with more choices than the regular language department curricula could allow. The course offerings include 1st- and 2nd-year Japanese, Mandarin Chinese, and Arabic. The presentation will include the process involved in developing the pilot, details on all three language programs, and how this model could be adapted to other curricular areas.

All Educators, Introductory, High School

Digital-Age Teaching and Learning

Enhancing Learning and Teaching Through Digital Collaboration

Raymond Francis, Teacher, and Mary Jo Davis, Coordinator, Central Michigan University

DO-03A

The use of web-enabled mobile devices is providing new and exciting opportunities for classroom instruction that can enhance student learning and promote student success in all content areas. Through the use of web-enabled mobile devices and existing no-cost applications, this session will model strategies and engage participants in the exploration of digital collaboration through experiences such as: digital storytelling, collaborative wikis and blogs, cooperative learning using mobile devices, questing, and interactive polling to enhance student learning. These engaging and interactive strategies are appropriate for face-to-face, online, and blended-learning classrooms for students in all content areas.

All Educators, Introductory, All Levels

Blended Learning for Global Competitive Skills

Bethany Rayl, Regional Executive, and John McCarthy, Director of Programs and Instruction, Widening Advancements for Youth (W-A-Y)

DO-03B

Explore a blended model for student achievement. Learn how students engage through Project-Based Learning with both face-to-face and online collaboration. Examine student experiences that build on Global Competitive Skills. Learn ways to enhance online and face-to-face staff collaboration and professional development. Leave with ideas for how to enhance your students' learning experiences. By the end of the session, participants will have resources and ideas for Project-Based Learning, Global Competitive Skills, Standards-Based Assessment, and an understanding of how W-A-Y successfully reengages students into education.

All Educators, All Skill Levels, Middle School through University/College

4:00 - 5:00 PM

The Flipped Math Classroom!

Emily Liley and Kimberly Slot, Teachers, Northview Public Schools

DO-03C

This session explains how a teacher has completely flipped middle school Pre-Algebra and Course Two mathematics classes. The kids are watching the videos at home and coming to class and working on common core activities. Within the classroom there are two iPads that the students use everyday. We also have a BYOD policy that allows students to login and watch the videos in class at the end of the hour if there is time. Working off a SmartBoard, all lessons are done in Smart Notebook.

All Educators, Intermediate, All Levels

Growing a Videoconferencing Culture

Mary Jane Mielke, Director, Professional Development, and Kevin Galbraith, Executive Director, Information and Technology, Birmingham Public Schools

W2-64

In a global society, students, teachers, and administrators need to connect with their counterparts all over the world, while interacting with their peers across the district. Often these connections are more effective if they are face-to-face in real time. The Wayne-Westland Community School District needed to provide a way for all stakeholders to easily make these local and global connections to enhance teaching and learning for all. Videoconferencing has provided a way to offer professional development to 500 teachers at a time. It has given high school students an opportunity to converse with a Kenyan woman instrumental in that country's fight for independence. Younger students read a book, then speak with and question the author. Collaboration over an audio and video connection has become a regular activity in district classrooms. Professional learning communities save time by videoconferencing instead of driving to a meeting. Administrators enjoy dialogues with nationally known experts in instruction and assessment. We will connect with teachers and students from the Wayne-Westland Community School District, so participants can learn first hand about videoconferencing. ☺

All Educators, All Skill Levels, All Levels

Teaching and Learning in 3D with SketchUp

Aren Cooper, Drafting and Design Instructor, North Branch Area Schools

O2-38

Want to allow your students to express themselves in 3D using CAD, but you don't know anything about CAD? SketchUp could be the perfect tool for you! SketchUp is a design application (formerly from Google) that allows the precision and detail of advanced CAD software, but in a simple and easy-to-use format for students of all ages and skill levels. SketchUp is also completely free for educators and has an abundance of resources that accompanies it. Come see how SketchUp can be utilized to bring classroom lessons and activities into a 3D context. This session will present an overview of SketchUp's abilities and features, multiple FREE resources for teaching and learning the software, and examples of how 3D content can improve overall student growth.

Teachers, Introductory, Upper Elementary through High School



Thursday Sessions and Events

4:00 - 5:00 PM

Tools for Collaboration

Andrew Taylor, Advisor, Grosse Pointe Public Schools

02-40

Take a look at free online resources to foster communication and collaboration between students. Geared for secondary social studies, English, and science classes, these tools can be used for day-to-day tasks or larger project-based learning applications. Includes StudyBlue, ThingLink, Ning, Google Docs, Twitter, Glogster, and a few you've never heard of.

Teachers, Intermediate, Middle and High School

The Google Driven Elementary Classroom

Brian Hammer, Krissta Hannapel, Marc Lester, and Nathan Fischer, Teachers, Thornapple Kellogg Schools

02-43

Google Drive allows your students to create word processing documents, spreadsheets, presentations, and surveys in a collaborative environment and share them with you, the teacher, and their peers. This product has been used at Lee Elementary for the past two years and the possibilities for uses within your classroom are endless. We will give you practical Google Drive ideas and concepts, aligned with the Common Core Standards for the elementary classroom from teachers that use it everyday. Please come with a Gmail account. [\[B\]](#)

All Educators, Introductory, Elementary School

Free Web Design Contest. Free Field Trips. Free Flight to Microsoft

Tasha Candela, Teacher, Lake Shore Public Schools

D2-09

In this high energy session, the audience will discover how to make lessons stick through project-based learning. With support from the Michigan Council of Women in Technology, students are entering contests, winning scholarships, and getting geeked about computer careers. Finally, see how one powerful lesson can earn you a spot at Microsoft's Innovative Educators Forum, the best professional development out there.

All Educators, All Skill Levels, Middle and High School

Building 21st Century Writers

Kimberly Powell, Educational Technology Consultant, Jackson County ISD

D2-10

Build a powerful digital writing community in your classroom! Using iPads, students can increase their writing skills through a variety of digital tools. Learn how you can incorporate and assess digital writing in the classroom, as well as provide an authentic audience for your students.

Teachers, Introductory, Elementary School

4:00 - 5:00 PM

Moving Math into Their Online Lives

Donna Eberle, Teacher, Elk Rapids Public Schools

D2-14

This presentation is designed to share one teacher's experience with one-to-one computing both with laptops and iPads. We will discuss and demonstrate some easy and free ways to get started. The programs will include ideas for extending math work outside of the school day, as well as ways to enhance your instruction within the school day. Specifically, we will be looking at the possibilities provided by: That Quiz, Nearpod, Khan Academy, and Mangahigh. This session will be appropriate for all math teachers K-12 that have students with access to technology. If you want to use more technology in your math instruction but are just not sure how to begin, this session is for you. Bring your iPad (preloaded with Nearpod and a program like Rover or Puffin to run apps that need flash) and/or computer if you have one with you; if not, you will still be able to participate. [\[B\]](#)

All Educators, All Skill Levels, All Levels

Visual Pathways to STEM

Lynell Burmark, Consultant, Thornburg Center, and Warren Dale, Technology Facilitator, Los Angeles Unified School District

D2-15

With all the emphasis on STEM subjects, who's making them accessible, engaging, and fun for special visual learners? In Los Angeles, ESL kids (still illiterate after seven years in "the system") have come alive producing earth science videos. In Glendale, second-graders "accidentally" learned fractions and percents on their handheld devices. In Canoga Park, iPad-wielding students completed a year of math standards in four months – and loved it! BYOD and experience these replicable strategies, research, tools, resources, and dozens more project resources that convey STEM topics in more visual, concrete ways to entice more kids into STEM and STEM-related professions.

All Educators, All Skill Levels, Upper Elementary through High School

An Edmodo Classroom

Tonia Ettinger, Teacher, Holland Public Schools

03-46

Find out what all the buzz is about Edmodo. What does Edmodo have to offer? Get ideas for how and why you might want to use Edmodo in your classroom. See what Edmodo looks like in one classroom. Edmodo is a great tool for third grade through high school. It's also great for administrators to use with their staff. It is a great collaboration tool for teachers, students, and parents. [\[B\]](#)

All Educators, Introductory, Upper Elementary through High School

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Thursday Sessions and Events

4:00 - 5:00 PM

A One-to-One Open Source Program: Ubermix

Chris Scott, Teacher, Santa Ynez School, and Daniel Townsend, District Media and Technology Supervisor, Godfrey-Lee Public Schools

D3-16

This session will explore the One-to-One program that allows students to stretch their digital legs, to become the creators, and to learn without boundaries. It will demonstrate an easily replicable One-to-One program that will allow student freedoms without burdening your IT. Unlike many One-to-One programs that block and lock down the tools students need to create, this program does not discourage students from downloading, modifying, and customizing. Using inexpensive Netbooks running the Ubermix operating system, computers are free from viruses and constant management. Participants will leave with the tools to create a One-to-One program that is safe, flexible, and student-customizable. They will be energized to begin their own One-to-One program, that is creation-friendly and cost effective. They will learn from personal experiences and those of other districts who have adopted the same One-to-One program.

All Educators, All Skill Levels, All Levels

21 Things for Teachers Overview

Kay Hauck, REMC Director, REMC 5

D3-17

This session will provide an overview of the 21 Things 4 Teachers project, the purpose of which is to provide “just-in-time” training through an online interface for K-12 educators based on the National Educational Technology Standards for Teachers (NETS-T). These standards are the basic technology skills every educator should possess. Learn how the 21 Things project provides flexibility to meet the varied needs of educators, including: taking the course through a partner agency for college credit or SCECHs; using the 21 Things web site to create customized professional development activities; accessing the web site any time and select any “thing” to learn about – at NO COST.

All Educators, Intermediate, All Levels

The Right Tool for the Task – Teacher and Student Workflow in the Cloud

Craig Van Ham, Teacher, Hudsonville Public Schools

D3-22/23

This session will suggest online/cloud software tools that are dependable, easy-to-use, and fit well with your curricular needs. You’ve been overwhelmed with all the newest, coolest tools out there, but do they really fit your classroom needs? the presenter will suggest tools that can be used on a consistent basis and which students can use both at school and home. You’ll see tools to aid in lesson planning, parent communication, classroom management, PLC, assessment, and productivity tools for students to use in your classroom.

All Educators, Introductory, All Levels

4:00 - 5:00 PM

Measuring Student Growth

DataDirector Features and Enhancements

Emily Redman, Account Manager, Houghton Mifflin Harcourt

D3-18

Come join the DataDirector team as we review the new enhancements to the system, demonstrating how to access your student data now easier than ever. We will point out the latest features for guiding data-driven decisions in your classroom or building. [E]

All Educators, All Skill Levels, All Levels

Mobile Devices

Emerging Instructional Trends – Effective Ways to Integrate iPads in the Classroom

Dean Haratsaris, Lead Trainer, Macprofessionals

D0-01B

This session will focus on using iPads in your classroom from a conceptual and practical point of view. It will focus on understanding the benefits and limitations of the iPad and how to best maximize its use in the classroom. This session will outline effective ways to use the device in your classroom: gathering content, using apps, creating projects using apps, document access, and other classroom uses. [E]

All Educators, Introductory, All Levels

Securing Your Mobile World

Agnelo Fernandes, Technical Support Head–Americas, e-Scan

W2-58

With the increasing popularity of tablet computers, smartphones, and BYOD policies, security threats are on an alarming rise. Hackers today concentrate more on targeting the mobile devices. Let’s look into some ways how to secure your mobile world. [E]

All Educators, Intermediate, All Levels

One-to-One with iPads: The Little Things

Janene Kosman, Technology Director, Van Buren ISD, and Kyle Kosman, Mobile Device Technician, Sturgis Public Schools

W2-65

After rolling out 900 iPads to our high school students, we made a list of the ‘little things’ that can make the massive change in the school culture more manageable. We will demonstrate our solutions for printing, presenting, turning in assignments digitally, and managing digital assignments. We’ll also share some of the unexpected challenges we faced and our solutions, such as working with student Apple ID’s and forgotten passwords.

All Educators, Intermediate, Middle and High School



Thursday Sessions and Events

4:00 - 5:00 PM

iPad Apps, Tips, and Web Sites

Deborah Schneider, Teacher, Carrollton Public Schools

02-33

Using iPads and netbooks in a classroom can open up a wide variety of lessons and activities. The presenter has used netbooks in her classroom for several years, and this year, has also been able to incorporate iPads. This session will cover time-saving iPad tips, useful iPad apps, and educational web sites. [B]

Teachers, Intermediate, Lower Elementary through Middle School

iPads: The Pencil and Paper of the New Generation

Amy Proos and Mike Brown, Teachers, Chelsea School District

M2-30

This session will outline how to use the iPad as a tool for teaching and learning in the elementary classroom. We will show you how we teach the children to use apps, wikis, and blogs for learning on a day-to-day basis. [B]

All Educators, All Skill Levels, Lower Elementary School

iPads in the Elementary Classroom

Jaime Holderbaum, Teacher, Swartz Creek Community Schools

D2-11/12

This session will demonstrate some tips on using iPads for education, apps for classroom management, video apps, and a variety of apps that can be used for educational purposes. Have you ever wanted to make a cool video with the "green screen" in your classroom? Participants will learn how to use the Green Screen video app, to make videos in which students appear to be in front of landmarks or inside of a book. Video apps such as Vintagio and Cartoonatic will be shared and ideas for using them for education. Learn how to use Morpho to make talking animals or story characters. Learn some great ideas for using QR codes in the classroom! Participants will also learn about various educational iPad apps such as Rover, Pick Stick, Story Kit, Snapguide, and Socrative.

All Educators, All Skill Levels, Lower Elementary through Middle School

Professional Learning

Pixie 3 in the Elementary Classroom

Jeremie Coplin, Susan Middleton, Nathan Schuler, Teachers, Constantine Public Schools

W2-71

As a result of our low academic performance and low socio-economic disadvantaged students, we created a technology-based learning project using Pixie to address the district needs. The district goal was to improve the language arts scores, as well as place more emphasis on social studies. Using Pixie 3, students produced a research-based presentation on the local community. This cross-curricular digital story covered several different state and national standards. The use of Pixie and its kid-friendly appeal allowed students to take pride in learning through technology. The community was able to take part in the final product by visiting our school and viewing a DVD presentation of all the students' projects.

All Educators, All Skill Levels, Pre-K through Upper Elementary School

4:00 - 5:00 PM

PBL Overview

Stephen Keskes, Director, and Chris Ovias, Teacher Facilitator, Pinckney Community Schools

02-35

Michigan New Tech High facilitators share an overview of project-based learning and facilitate a working session to get teachers started on building Common Core State Standards aligned projects. Teachers should bring their computers, a concept that they would like their students to explore deeply, and an idea of a community partner that would align with this project.

Teachers, Introductory, All Levels

Guidelines and Tips for Writing a Successful MACUL Grant

Tammy Maginity, Instructional Technology Coordinator, Pennfield Schools, and Mary Saffron, Teacher, Fraser Public Schools

02-41

Learn about the grant program that MACUL offers to its members. MACUL Board members will outline guidelines and tips for writing successful grant proposals. Attendees will learn about other MACUL sponsored programs including Educator of the Year, Teacher of the Year, and Outstanding Tech Coordinator.

All Educators, All Skill Levels, All Levels

School Improvement/Administration/Leadership

Learn about MDE's New Career and College Ready Portal and Explore the MI College Access Portal

Brian Barber, Alternative Education Consultant, Michigan Department of Education, and Megan Byard, College Access Specialist, Muskegon ISD

W2-61

Presenters will discuss the functionality and available resources on the Michigan College Access Portal and MDE's Career and College Readiness Portal. [C]
Administrators, Principals, Teachers, Intermediate, High School through Adult Educator

MDE Update

Bruce Umpstead, State Director, Educational Technology and Data Coordinator, Michigan Department of Education

W2-66

Learn the latest news on state educational technology policy. Topics include Section 22.i Technology Readiness Infrastructure grants, Technology Readiness Planning, Title IIA technical assistance, Seat Time Waivers, Online Learning Cost Reporting, the State's new Ed Tech metrics, and whatever happened to Eighth Grade Tech Literacy. [C]

Administrators, Introductory, All Levels

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Thursday Sessions and Events

4:00 - 5:00 PM

Bytes on a Budget

Carl Sztuczko, Elementary Principal/Director of Student Services, St. Louis Public Schools

02-42

We are a small school district, with a small technology budget. Come hear how we have used grant funds and community involvement to promote in-house professional development, and bring in new technology into our classrooms. Also, as an administrator in a small district, we wear many hats. Come see free or inexpensive tools, such as Dropbox, Doodle, SlideShark and Google Apps to keep ahead of the game. This is a BYOD session. We'll use both iPads and laptops/netbooks. [\[B\]](#)

Administrators, Principals, Technology Leaders, All Skill Levels, All Levels

Teaching the Common Core Curriculum

Using Technology to Love the Common Core

Jeff Blakeslee and Dayna Lang, Teachers, Plymouth-Canton Community Schools

02-39

The Common Core is coming, and it is not as scary as it may seem; in many respects, it's a wonderful change. Come join two award-winning teachers from Plymouth-Canton who have been ahead of the curve. We will show you not only what to expect, but give you hands-on, administration approved lessons to prove that you, too, are highly effective. We will show you how we weave devices like cell phones and web sites like Stripgenerator into daily lessons that not only meet the Common Core requirements, but make the classroom an active and fun place for both student and teacher. What used to be called "Closed-Door Activities" for us are now called the cutting edge of education. Come share some laughs and learn; this is what the classroom of the 21st century can look like.

Principals, Special Education Teachers, Teachers, All Skill Levels, Middle School through University/College

4:00 - 5:00 PM

Universal Design for Learning/Differentiation

Building a Blended Moodle/Google Apps Site

Cheryl Schaefer, Teacher, Carrollton Public Schools

D2-08

This session is designed to be a continuation of the standing-room-only presentation *Moodle and Google Apps, the Perfect Marriage* delivered at the 2012 MACUL Conference. The author noted not all students were able to navigate Moodle effectively and efficiently, so developed a new way of using Moodle. The method involved the use of buttons linked to Moodle web pages containing an overview and goals for each unit or subject and links to a Google presentation for each lesson within the unit. Participants will be introduced to the how's and why's of using Moodle in this unique way. They will be given time and opportunity to begin to retool their own Moodle sites using the presenter's model as a guide. The creation and use of buttons and Google Presentation will be covered. Participants will also receive the personal instruction necessary for making a smooth transition from a traditional Moodle site to a blended Moodle/Google Apps site. Links to tutorials will be provided so participants will be able to continue site development when they return home. [\[B\]](#)

All Educators, All Skill Levels, All Levels

7:00 - 11:00 PM

MACUL PARTY AT THE ROOSTERTAIL

Sponsored by MACUL and Special Interest Groups

Come gather at the Roostertail for an evening of fun, fellowship, and networking. Enjoy the Nightline band whose music ranges from classic rock and Motown classics to current hits. Light refreshments and a cash bar will be available. Transportation will be provided from the conference hotels. This event is free and open to all MACUL conference attendees.



MI Streamnet



REMC MIstreamnet (www.MIstreamnet.org) is a collaboration of the REMC Association of Michigan and the Michigan Department of Education. Its purpose is to provide a clearinghouse of video resources for Michigan educators, including professional development, policy information, and classroom resources. The project aims to make its resources available in an easy-to-use website that is safe for school networks.