

MT EdTech Summit 2009 Descriptions *(in alphabetical order)*

Acrobat for Educators – Wed., 8:00 – 11:55 am

Go beyond the Reader. Come play with Acrobat's advanced functions of editing .pdfs, collaborative editing, using stamps, harvesting web pages, creating fillable forms from Word documents and creating hyperlinks. We will also see how to use Acrobat Connect now to share your desktop with students.

Activexpression: The World's First Learner-Response Device with Full Sentence and Character Texting – Vendor presentation / Wednesday, Noon – 12:55pm (Haddock)

There's nothing more satisfying than seeing your class really engage in lessons. And with Promethean's world-class tools for learning, you can watch them grow as individuals as well as students. Thanks to the wealth of resources at your fingertips, every child has the opportunity to connect with the wider world around them.

Adobe Captivate – Thurs., 6:30 – 8:30 pm

This hands-on class will teach you how to rapidly create powerful and engaging simulations, scenario-based training, and robust quizzes without programming knowledge or multimedia skills.

Be a Mini-Movie Producer – Wed., 8:00 am – 4:55pm (all day)

Learn the basics of creating your own impressive mini-movies for use in the classroom using the classroom-friendly Flip Video cameras. This class will cover the basics of digital video and how to use some free, but powerful, tools as you shoot and edit your own short movie!

Beginning Access 2007 – Wed., 8:00 – 11:55 am

Learn the basics of creating and maintaining a database. Participants will create a basic database and learn how to retrieve and organize information from the database through the use of forms, queries, and reports. This course is for those with intermediate to advanced computer skills.

Best *FREE* Software – Tues., 6:30 – 8:30 pm

This workshop will take a look at some of the cool, *FREE* software available to educators!

Beyond Sight: Technology for Visually Impaired Learners – Tues., (off-site) 1:00 – 4:55 pm

Technology is a tool to unlock learning and to expand horizons. It occupies a special place in the education of visually impaired students. Appropriate technology can be a great equalizer, providing the visually impaired opportunities be the "same but different." Beyond Sight will offer Institute and Summit attendees an eyes-on/hands-on option for technological discovery regarding Braille, information storage and retrieval, enhanced learning, the expanded core curriculum, and other tools used to support the education, communication, and independence of visually impaired learners throughout the state. Montana School for the Deaf and Blind VI education and outreach staff, in conjunction with personnel from the Great Falls Blind and Low Vision Services, will assist participants on their journey through this technological open house on the MSDB campus.

Beyond SMART Boards – Vendor presentation / Wednesday, 1:00 – 4:55 pm (AV Center)

This workshop will discuss other products that SMART Technologies has to offer and how to integrate these them into a complete system for the classroom. We will also talk about the new Notebook 10 Software and some of its features. There will be a Samsung representative available to talk about a Samsung Document Camera and how to integrate it into a SMART System and possibly a Sanyo representative to talk about Sanyo Projectors integrated into a system.

Brainchild – Vendor presentation (Western Ed), Wednesday, 12:00 – 12:55 pm

Brainchild, used largely in grades 3-12, has two components which can be used separately or together. One is the "Study Buddy" that uses cartridges containing 25 lessons and 1,000 question items plus multimedia and self-paced feedback that gives unlimited instruction and guidance that is good for self-paced study and assistive technology. The other side of Brainchild is the computer-based software which is simple to use. The MontCAS Achiever automates formative assessment so each student understands every objective to master or close the gaps. Every MontCAS objective is assessed and benchmark tests can be administered district-wide on specified standards and dates. Brainchild is a fun and engaging program for students – Come see and try it!

Clay Animation – Tues., 1:00 – 4:55 pm

This class will offer an alternative assessment technique that promotes content retention by utilizing hands-on materials. You will learn how to use digital cameras and clay to create movies from still photos with the use of Windows Movie Maker. In addition, I will demonstrate how to use Open Source photo editing software to help alleviate computer memory storage problems. By the end of the class, you will have a finished clay animation product that will impress your peers and small enough memory wise to email it to them. ***Please bring your laptop, a USB/Flash drive and a digital camera to this class!***

Clickers – Fri., 8:00 – 11:55 am

Clickers are a great way to integrate technology and increase student achievement. Students are actively engaged and can participate without the fear of answering incorrectly. This real-time practice improves retrieval, has instantaneous feedback, focuses student attention and provides repetition necessary for long-term retention. Tired of correcting? Let CPS do it for you. CPS presents instruction and assessments in a fun and exciting way while saving teachers from the burden of paperwork.

Clickers Overview – Wed., 6:30 – 8:30 pm

Learn how to create engaging assessments for use in the classroom using interactive clickers. Form quick oral questions to more in-depth testing, you will use the Classroom Performance System (CPS) to create and give assessments that can be used to measure understanding before, during and after lessons.

Cool Utilities for Teachers – Wed., 8:00 – 11:55 am

Come see what's free to use in the classroom. Create quick online quizzes, record your lessons to post to a webpage for student review from home, or make a quick video on the topic for the day. Don't have money for Photoshop, Camtasia, art software, or Captivate? Check out some freebies that have many of the same features.

Digital Imaging 101 – Thurs., 1:00 – 4:55 pm

Learn the basics of digital imaging including the basics of how to get your pictures from a scanner or digital camera and how to decide what picture format will best suit your project. We will also explore different ways to work with and manipulate photos using some great free software.

Digital Storytelling – Thurs., 6:30 – 8:30 pm

Learn how to use the free program Photo Story to create a video narrative using your own still photos and adding your own music creation. See how easy it is to make a digital yearbook, graduation photo slide show, student projects, and quick videos of fieldtrips or illustrate concepts to post to a webpage. Storyboard handouts will be provided as well as a CD with the software. Participants should understand folder management and may want to bring photos and PowerPoint projects to use in their digital stories.

Document Cameras for Elementary Schools – Thurs., 8:00 – 11:55 am

In this class students will learn the general operation of Document Cameras and their uses in Elementary classrooms. Students will learn how to connect and set up the cameras and how to use the remote to optimize its use. They will learn to make, save, and retrieve storage files, capture pictures and video using the camera, create video books using Photo Story 3, and how to use the camera to set up an electronic portfolio for their students. All participants should bring a Harcourt Teachers Manual, a list of their students, and a flash drive to store their work.

Dreamweaver CS4 – Wed., 8:00 – 11:55 am

This class will give you basic concepts and tools to begin or advance your classroom website using Adobe Dreamweaver. From brainstorming, theory and graphics to navigation, you'll build the skills to design a user-friendly site. You'll get hands-on experience in this class by developing a website of your own. You can also take this knowledge back to the classroom and get your students started on creating their own classroom website.

Effective Educational Uses of Video Conferencing and Video Field Trips –

Tues., 8:00 – 11:55 am

We will provide instruction and practice doing for effective Video Conferencing. Participants will: experience a live video field trip, discuss current content available via video conferencing in Montana and around the country, learn how to create an effective presentation for conferencing and experience hands on practice with current video conferencing technology.

English Class Goes Techno – Thurs., 8:00 – 11:55 am

Come play with technology tools that are perfect for the secondary communications arts classroom. Some of the resources will include Turnitin.com for anti-plagiarism and peer review, Wordle for vocabulary development, Word 2007 for citations on research papers, grade-level checking and online for literature discussions.

E-Portfolios the Easy Way – Fri., 8:00 – 11:55 am

Electronic portfolios are the wave of the future with students earning scholarships and getting hired based upon the depth and glitz of their electronic briefcase. Come learn how to use a PowerPoint show as a shell for a dynamic, interactive showcase of talent. We will use movies and .pdfs as well as linking technology to put a complete sample portfolio together. Teachers will create their own portfolio, so bring your resume, your pictures or anything else that would highlight your talents. Alternatively, teachers will create a template portfolio for their students.

E-Portfolios Made Easy – Tues., 8:00 – 11:55 am

Electronic portfolios are the wave of the future with students earning scholarships and getting hired based upon the depth and glitz of their electronic briefcase. Come learn how to use a PowerPoint show or a basic webpage as a shell for a dynamic, interactive showcase of talent. We will use movies and .pdfs as well as linking technology to put a complete sample portfolio together. Teachers themselves could create their own portfolio, so bring your resume, your pictures or anything else that would highlight your talents. Samples will be provided if you don't have any of your own. This class will deal mostly with the technical side of creating an e-portfolio only and not as much with philosophy or content discussions.

Excel 2007 Basics – Wed., 1:00 – 4:55 pm

Learn the basics of the world's foremost spreadsheet software, Microsoft Excel. This workshop will get you started on using Excel by teaching you how to navigate through the program and where to find the many tools available. Learn the fundamentals including editing and formatting worksheets, cells, rows and columns, building formulas, using basic functions, creating basic charts, and selecting and printing techniques. This workshop is for those new to Excel or for those who need a refresher on what is new in the 2007 version. Participants should be able to use a mouse.

Excel 2007 – Beyond the Basics – Fri., 8:00 – 11:55 am

Building off what was taught in the Basic course, this workshop will expand your knowledge with more features and capabilities of Excel such as making comments, more detailed charting, additional functions and formulas using multiple worksheets, protecting worksheets, sorting and filtering worksheets, subtotals, and an introduction to macros. NOTE: Prior experience in Excel or taking the Excel Basics workshop is very strongly encouraged!

Geocaching is for YOU! – Tues., 8:00 – 11:55 am

This will be a hands-on workshop using GPS, geocaching.com, and scavenger hunting at its finest. Increase your map skills for fun! Go on a treasure hunt. Find secret locations. Learn about latitudes and longitudes, travel bugs, geocoins and more! Geocaching is a global entertaining adventure game for gps users, come learn how you can make it a part of YOUR classroom. ***Please bring a GPS if you have access to one, a digital camera (for fun!), and comfortable shoes to walk in.***

GeoGebra – Tues., 1:00 – 4:55 pm

GeoGebra is a dynamic mathematics program for students and educators. You can construct points, lines, segments and other geometric figures and then alter them in real time. GeoGebra is not just limited to geometry. You can input and alter coordinates, equations and functions. The best part is GeoGebra is *FREE*.

Go Gaga Over Gaggle! – (two sessions)

1) Thurs., 8:00 – 11:55 am or 2) Thurs., 1:00 – 4:55 pm

Read all about it. Students go gaga over Gaggle! Rather than town criers, we have evolved into a new way to share news through print, Gaggle. In the first week, 70 students visited the site over 1,000 times! Twenty-four-seven, students have safe access to digital lockers, message boards, chat rooms, profile pages, and blogs. Teacher determines and controls web populations, and is notified by Gaggle when students use questionable content. Rigor, relevance and relationships are what motivate students, and Gaggle offers them a safe and fun outlet to express themselves and learn from each other.

Google and Google Earth – Wed., 6:30 – 8:30 pm

Google is more than just a search engine. Did you know that Google Reader has a built-in public page to share interesting things? Google Video allows you to search and watch millions of videos indexed from all over the web. Google.org is the philanthropic arm of the company. And, of course, Google Earth for maps and satellite images. There is Google Analytics to check who is visiting your website and Google AdWords to help create ads and develop keywords.

Gotta-Have Gadgets – Tues., 1:00 – 4:55 pm

Let's get with the 21st Century and use tech tools in our classrooms! We will survey a bevy of tech gear, including recording with headsets, what you can do with a cell phone, using mp3 players to record voice and do interviews, and remote mice to control computers from afar. Tips on buying a computer, LCD projector, document camera, printer and scanner will also be covered as well as differences in interactive whiteboard solutions and clickers.

Graphic Design – Fri., 8:00 – 11:55 am

Graphic design means the "design of the printed piece". In this four-hour class, we will cover some of the basics of graphic design to help ensure that your designs are readable and print out smoothly. We will cover basic folding options, designing in a grid format, what fonts say about you and your company and lastly, some important do's and don'ts of graphic design.

Illustrator I – Thurs., 8:00 – 11:55 am

This class will provide hands-on computer time in learning the industry standard digital illustration program Adobe Illustrator CS4. Students will learn and use the basic tools and functions to construct a promotional flyer of their choice. Other emphasis will be on the page layout components of Illustrator. Students are encouraged to bring a flash drive to save their work.

Illustrator II – Thurs., 1:00 – 4:55 pm

Students will learn and use more advanced techniques in Illustrator CS4 in order to use the program as a tool for illustration. Students will learn to create vector artwork from scratch and how to convert digital images to vector artwork. Students must bring a digital image of some sort (JPEG, TIFF, or PSD) from which we will construct vector images. It is optional for students to bring their own flash drives if they desire to save their work.

Illustrator Overview – Wed., 1:00 – 4:55 pm

This class will provide hands-on computer time in learning the industry standard digital illustration program Adobe Illustrator CS4. Students will be provided with an overview of the toolbar's tools and will become familiar with the Illustrator interface. Students may bring flash drives if they would like to save their work.

InDesign I – Fri., 8:00 – 11:55 am

This workshop will take participants beyond the basics and will deliver basic hands-on experience using Adobe In-Design. This software allows you to design professional-looking layout pieces such as flyers, brochures and newsletters. You'll learn how to create a flyer and learn how useful this program can be for the school yearbook and/or newspaper. And finally, you'll learn how to prepare your project to be saved and printed. **Participants are encouraged to attend the Adobe In-Design Overview session if they are not familiar with the software.**

InDesign Overview – Wed., 8:00 – 11:55 am

This workshop will provide a basic overview of Adobe In-Design. Participants planning to attend the

In-Design I class are advised to attend this session if they have little experience with the program. This is an introduction to the basics of InDesign. Participants should be able to maneuver a mouse effectively and feel somewhat comfortable in front of a computer.

InfoTrac – Fri., 8:00 – 11:55 am

Are you tired of seeing advertisements when you or your students are searching the Internet? I have the solution for you! Use InfoTrac. InfoTrac is a collection of databases provided for educators by the Montana State Library FREE of charge. Come explore this great resource.

Intermediate Access 2007 – Wed., 1:00 – 4:55 pm

Participants in this class will learn more advanced features of Access, including navigating between database objects with the use of switchboards and macros. A basic understanding of Access is recommended, but not required. This course is for those with intermediate to advanced computer skills.

Internet Safety – Thurs., 1:00 – 4:55 pm

Participants will explore the Internet and investigate how to promote safety on the Internet and within their classrooms. Subjects covered will include cyber bullying/online harassment, chat rooms, social networking, blogs and more.

Keynote Breakout session: “Kevin’s Easy and Fun Technology Toolbox” – Monday, 1:00 – 4:00pm

Bring your laptop and join Kevin for this three-hour, hands-on romp through many great new free tools to enhance everything from literacy to math skills. You will explore tools for productivity, collaboration, networking and more. Learn, play and practice with powerful tools that can impact your learners tomorrow!

Keynote Presentation: Trends, Tactics and Tools for 21st Century Learning – presented by Kevin Honeycutt – Monday, 9:30 – 11:55 am

Join Kevin Honeycutt for a fun exploration of today’s learners and today’s tools that can not only help us teach them but prepare them for the future they are heading toward. Kevin will share ideas and classroom stories to illustrate the amazing learning possibilities that await in the form of free web 2.0 resources. Balance is everything and it is important for teachers to know that learners need balance in their educational diets. He’ll discuss the tra-digital approach to ensure that kids are ready for whatever comes their way.

Learning Microsoft Office 2007 through a Real-life Simulation – Tues., 1:00 – 4:55 pm

Learn Microsoft Office 2007 using a simulation program. In this simulation, assume the role of a Microsoft Office® Specialist to complete a series of projects that will allow Skateboards, Inc. (a new indoor skateboard park) to open its doors for business. Word, Excel, Publisher, PowerPoint, and Access are all included in this program. The simulation includes real-world tasks that bring learning and applying computer application skills to life for the user. Although it is designed to be used with any version of Office it is a tremendous way to introduce, learn, and master the new tools of Office 2007. Once you have learned how to use Office 2007, bring this simulation text into your classroom and have your students gain proficiency too. ***Please bring a USB/Flash drive.***

Online Testing and Test Generation – Tues., 1:00 – 4:55 pm

Learn how to make and produce tests from the easy to use software - ExamView (30-day trial software provided). Tests can be made from the ExamView test banks or you can create your own tests. Then learn how to publish the tests on your server and have them corrected and graded immediately. Great time saver and you can see a myriad of testing results. If you have the ExamView CD/content with your textbook – bring it along! ***Please bring along the ExamView CD/content from your textbook if you have it.***

PC Troubleshooting and Maintenance – (two sessions), 1) Wed., 1:00 – 4:55 pm

Whether you need to maintain and troubleshoot your own computer, or whether you are in charge of a classroom or laboratory, this workshop will teach you a structured approach to PC troubleshooting of hardware and software. Learn a “hands-on” problem solving and optimizing systems approach.

Photoshop Elements – Thurs., 8:00 am – 4:55 pm (all day)

Learn to organize and edit photos using Adobe Photoshop Elements. Cropping, adjusting brightness/contrast, changing colors, adding text and special effects, deleting backgrounds, dodging/burning along with other features of the program will be covered as well as resizing for the web. Classroom usage, such as creating video slideshows of fieldtrips or stock images for student projects, will also be explored. See how the Organizer can help with creating yearbooks. ***Intermediate computer skills required.***

PowerPoint 2007 – Thurs., 8:00 – 11:55 am

This workshop is for those who have always wondered "How did she do that!?" when watching PowerPoint presentations of others. This is a refreshing look for those currently using PowerPoint in their classrooms or for those wishing to start. Basic computer skills are encouraged for those attending.

QuickBooks 2009 – Thurs., 1:00 – 4:55 pm

This half-day workshop is geared toward educators wanting to use accounting software in the classroom. An in-depth look at QuickBooks will be followed by hands-on activities. This workshop will start at a beginner's level and advance depending on participant's needs. **Participants should be comfortable using a computer (using a mouse).**

SMART Board and Airliner for Beginners – Tues., 1:00 – 4:55 pm

This workshop will present the basics of SMART Notebook 10. This will provide an opportunity for teachers who have or would like to have a SMART Board in their room but do not know where to start. Basics will be covered such as features, lesson examples, and ideas on how to use this great resource in the classroom. An opportunity will be given for participants to create one or more lessons for the SMART Board using the SMART Notebook software. Participants will have hands on opportunities for both the SMART Board and Airliner. ***Please bring a USB/Flash drive and a Teacher's Edition for any subject.***

SMART Board Basics – Wed., 8:00 – 11:55 am

An interactive white board can enhance your teaching and increase student engagement. Do you have access to a Smart Board, but are not sure how to use it? This class will show you just how easy it is to get started, how to use the built in smart tools, and how to create interactive lessons with items from the Gallery. Teachers will create a lesson using Smart Notebook software so come with ideas and your flash drives.

SMART Boards for the Elementary Classroom – Tues., 8:00 – 11:55 am

Are you smarter than your SMART Board or do you constantly find yourself calling it a "dumb board" under your breath? This class is for you from beginner to novice I will guide you through your SMART Board functions and usage. We will go over your control panel, tools, keyboard, floating tools, tutorials and using a scanner. We will go online to SMARTech and look at all that is offered there from readymade assignments to Number Crunch and Smart Speller. We will explore all the cool features in your gallery and learn to make useful pages in all subject areas, including a hyperlink. I will show you my favorite web sites that are compatible with your SMART Board and some of my favorite online SMART Board websites. Get ready for some hands on fun and learning to help you be "one" with your SMART Board. ***Please bring a USB/Flash drive.***

Technology Standards Rollout – Tues., 8:00 – 11:55 am

Educators from across the state have completed work on the revised standards and have written Essential Learning Expectations for all grade levels. Please come and participate in an activity based professional development workshop where you will learn about the newly adopted standards, the ELE and how this work informs your curriculum work and classroom instruction.

Tips, Tricks and Right Clicks – Tues., 6:30 – 8:30 pm

Would you like to become a power user and save time when using Microsoft and other applications? This class will teach you shortcuts and keyboard commands for MS Word, Excel, and PowerPoint. Many of the shortcuts work with other programs as well. This class is fast paced and meant for those with prior experience with Microsoft Office programs.

Using Clickers to Raise Test Scores – Tues., 8:00 – 11:55 am

Experience the power of eInstruction's ExamView software and Classroom Performance System (CPS) – commonly referred to as "clickers". This technology involves every student in the learning process to transform achievement results, engage participation, captivate interest, and capture teachable moments. Learn how ExamView tests and questions banks (available with many textbooks) can be integrated seamlessly into CPS. You'll also experience eInstruction's MOBI wireless tablets which provide instant data for the teacher and allows multiple students to concurrently interact with digital content. CPS & ExamView software was successfully implemented at Hellgate Elementary to prepare students for the MontCAS/CRT and helped increase student scores. Administrators are also encouraged to attend to find out how this project can empower your district with real-time assessment data.

Video Editing / Camcorders – (2 Part class) Part 1, Wed., 1:00 – 4:55 pm and Part 2, Thurs., 1:00 – 4:55 pm

This workshop will focus on camcorder operation for/in the classroom. As opposed to digital photography, the class will focus on a variety of camera techniques, angles, and framing options. The ideas/purposes behind each shot and angle will be observed in a variety of film clips, and practical ideas for classroom projects can be discussed. In addition, there will be a hands on opportunity to practice filming and learn some of the functions of handy camcorders. You will also capture your own footage and transfer it onto a computer for your own use. **Participants will be using Adobe Premiere Pro 2.0 and will need to bring a blank DVDR with them to this workshop. This class will be off-site at Great Falls HS, south campus, Room 103. Enter through NW corner of the south campus building, directly south of the football field.**

Vista Snapshot – Wed., 6:30 – 8:30 pm

An introduction to the Windows Vista operating system, this class is designed to get those unfamiliar with Vista up and running confidently. Learn how to take advantage of the features of Vista - even if you've never used Windows before.

Web 2.0 and Social Networking – Wed., 6:30 – 8:30 pm

Web 2.0 tools and social networking are exploding. So what are kids doing in their hours online? They are using Facebook, del.icio.us and virtual worlds. Come learn how to mine the educational resources available with a click of a mouse and an Internet connection to engage students using their chosen tools. You may bring a laptop, but it is not necessary for this class.

Web Design – Using Nvu Free Software! – Wed., 1:00 – 4:55 pm

Create simple classroom websites with Nvu, free website software! In this workshop, you will learn how to create and modify web pages using the Nvu application. Nvu provides you with a quick and easy way to create web pages without learning HTML. You will learn how to add text and images, how to adjust colors and arrange graphics, and how to make links between your own web pages and pages on other web sites. No previous experience in creating web pages is required, though it will be assumed that you are familiar with browsing the Web.

What's Cooking on Delicious? – Tues. 8:00 – 11:55 am

A hands-on workshop learning to use social bookmarking. Make it work for you, peers, students and parents. Create your own delicious list, network with others and see how you can get the most out of your favorite sites by stirring up your own social bookmarking page.

Word 2007 Basics – Wed., 6:30 – 8:30 pm

This workshop is designed for those who want to learn about Microsoft Word capabilities using the new 2007 version. Learn the basics of using this software to expand your word processing and formatting skills and see what else Microsoft Word 2007 can do. This workshop is for those who have little experience using Microsoft Word or for those who need a refresher on the basics. This is a hands-on workshop. Participants should be able to use a mouse.

Writing a Tech Plan for Your District – Tues., 1:00 – 4:55 pm

Ensure your District Technology Plan meets all the requirements of E-rate, Title II, Part D and OPI. We will explore resources, templates, rubrics and other items that are required for all districts. Learn how to assess your students and staff to make useful decisions about your technology needs. A good tech plan is a dynamic tool that is useful and used, not stored on the shelf. Let's write one together – stress free. ***Please bring the following: Technology budget for the district, technology inventory, and current district technology plan (preferably digital format); most current TAGLIT data for your district.***