



"Engaging the 21st Century Learner"

2010

Conference Planner

Workshops supporting Literacy with Information and Communication Technology
in the K-12 Classroom

February 26, 2010

Portage Collegiate Institute

65 - 3rd Street S.W.
Portage la Prairie, Manitoba



build your teaching experience

Session Descriptions

Electronic Scrapbooking - Applications for the Classroom (1A)

Ron Nordstrom

Beautiful Plains School Division

Scrapbooking is the practice of combining photographs, memorabilia and written narratives, including poetry, quotations, stories, or other textual content, into a scrapbook-style album. Technology has expanded the techniques available for producing, duplicating and distributing scrapbooks. Come discover how your students can demonstrate their learning in creative ways.

Prerequisite Knowledge/Skills: Internet skills

Audience: K-12

Area of Focus: Literacy with ICT, Storytelling with Web 2.0 tools, All subject areas K-12

The Wonderful World of Wikis (1B-2B Double Session)

Shawn Kleebaum

Turtle Mountain School Division

This session will introduce participants to the wonderful world of wikis. What is a wiki? Why use a wiki? How can I use a wiki in my classroom? The majority of this double session will be devoted to setting up your own wiki.

Prerequisite Knowledge/Skills: None

Audience: K-12

Area of Focus: Literacy with ICT, Senior Years ICT, Planning, Assessment, Innovation, Education Technologies, All subject areas, Other Focus - Parent Contact

Digital Images in Your Classroom (1C)

John Evans

Manitoba Education

One of the easiest ways to infuse technology into your curricula is via the use of digital images. In this session participants discover tips, techniques and tools that will allow you to get started using digital images with your students the very next day. Participants are encouraged to bring a flash drive with a collection of their own images to use during the session.

Prerequisite Knowledge/Skills: Familiarity with a web browser

Audience: K-12

Area of Focus: Literacy with ICT, ICT Supporting Skills, All subject areas

Senior Years ICT Framework Round Table (1D)

Darren Kuropatwa

Manitoba Education

Facilitated by the Manitoba Education Senior Years ICT Consultant, this round table discussion will examine emerging practices and issues surrounding the implementation of the new courses in the Senior Years ICT Framework. As part of this Session, teachers will be introduced to an online Professional Learning Community (PLC) where they can receive sustained support and share emerging practices and resources with educators across Manitoba. Bring your own laptop.

Prerequisite Knowledge/Skills: None, although some familiarity with the courses in the SY ICT Framework will help to inform the discussion.

Audience: Senior years teachers

Area of Focus: Literacy with ICT, Senior Years ICT

Eric Carle Look-a-Likes (1E)

Glenda MacPhee

Beautiful Plains School Division

We will use scans of textured paintings in a Paint program and SMART Notebook to create e-collage art in the style of Eric Carle. This technique can be used for any grade level as students basically need to use only copy/paste commands. This involves creativity and can be combined with a writing activity.

Prerequisite Knowledge/Skills: None

Audience: Early and middle years teachers

Area of Focus: Literacy with ICT, Art



Indicates hands on-workshop

Seven Things High School Teachers Need to Know (1F)

John Finch

Manitoba Education

An overview of Literacy with ICT and the impact it will have on Senior Years schools.

Prerequisite Knowledge/Skills: None

Audience: Senior years teachers

Area of Focus: Literacy with ICT, Senior Years ICT, All subject areas

 ***Create a Digital Story in 5 Easy Steps Using Photo Story 3 (1G)***

Clarke Hagan

Lakeshore School Division

Engage students by creating a digital storybook for any course and any project.

Prerequisite Knowledge/Skills: How to use a computer

Audience: K-12

Area of Focus: Literacy with ICT, Educational Technologies, Other Focus - Engagement, All subject areas

 ***Incorporating GPS and Geocaching in the Classroom (1H-2H Double Session)***

Whitney Stone

Rolling River School Division

This session is for those who wish to know more about incorporating GPS technology and the game of Geocaching into their classrooms. Focus will be on getting to know the basics of operating a GPS unit, constructing your own Geocache, placing a cache and finding caches.

Prerequisite Knowledge/Skills: Interest in GPS

Audience: Middle and senior years

Area of Focus: Innovation, Educational Technology, Social Studies and Geography

 ***Enhance Your ELA Classroom with Technology (1I-2I Double Session)***

Janis Williams

Southwest Horizon School Division

Engaging computer activities using a variety of software found on most school computer networks: PowerPoint, Word and Kidspiration/Inspiration. These projects could be adapted to courses other than ELA. Use basic computer skills to produce quality projects. This session will make reference to the Literacy with ICT Continuum: Think Critically, Think Creatively, Act Responsibly.

Prerequisite Knowledge/Skills: Basic computer skills, Awareness of Literacy with ICT continuum

Audience: Early and middle years teachers

Area of Focus: Literacy with ICT, Planning, ICT Supporting Skills, ELA, Social Studies, Science

ePEARL Level 2 (1J)

Tracy Maksymchuk

Swan Valley School Division

Participants will take a tour of ePEARL and how it is used in (but not limited to) a middle years setting.

Prerequisite Knowledge/Skills: None

Audience: K-12

Area of Focus: Literacy with ICT, Educational Technologies, Assessment, All subject areas

60 Minutes of Mimio (1K)

Kim Melvin

Louis Riel School Division

This session will explore the basics of using the Mimio Interactive Whiteboard System in a classroom.

Prerequisite Knowledge/Skills: None

Audience: K-12, Administration

Area of Focus: Educational Technologies, All subject areas



Indicates hands-on workshop

Technology-Infused Classroom Activities (1M)

Andrea Robinson

Beautiful Plains School Division

Andrea will share the various assignments and activities in which she uses technology in her classes. Subjects include English, French, Psychology and Drama.

Prerequisite Knowledge/Skills: None

Audience: Senior years teachers

Area of Focus: Planning, Subject areas - English, French, Drama, Psychology

ePEARL Level 1 in a K-2 Classroom (1N)

Jody Hrymak

Rolling River School Division

ePEARL stands for Electronic Portfolio Encouraging Active Reflective Learning. This session will review this online portfolio, including how to use it in your classroom.

Prerequisite Knowledge/Skills: None

Audience: K-2, Administration

Area of Focus: Literacy with ICT, All subject areas

Introducing GPS and GIS Into Early and Middle Years Classrooms (1O)

Rob Langston and Al Friesen

Brandon School Division; Manitoba Education

Geographic Information Systems (GIS) and Global Positioning Systems (GPS) have been successfully used by senior years teachers throughout the province for the last six years. These technologies have allowed teachers to deliver exciting and dynamic lessons that engage students while effectively reaching curriculum outcomes. GIS and GPS technology is all around us in our modern world. Early and middle year teachers now have the opportunity to incorporate this technology into their own classrooms. Enjoy this workshop and learn what GIS and GPS are. Watch demonstrations to see how GIS/GPS can be used to reach many curriculum outcomes in your early/middle years social science class.

Prerequisite Knowledge/Skills: Some knowledge of GIS/GPS would be helpful

Audience: Early and middle years teachers

Area of Focus: Educational Technologies, ICT Supporting Skills, Subject areas - Social Studies, Physical Education

Let the Students Do the Work for You: Meaningful Cross-grade Technology (1P)

Devon Caldwell and Leah Hunter Obach

Fort La Bosse School Division

Teachers often lack confidence in their own abilities to successfully use technology, and even proficient teachers search for engaging, meaningful projects that target a real-world audience. This presentation will share several cross-grade collaboration projects between early years and senior years students that meet a variety of descriptors on the Literacy with ICT continuum. The planning, classroom organization and hardware/software/Web 2.0 tools involved in the projects will also be discussed.

Prerequisite Knowledge/Skills: An awareness of the LwICT continuum and an active interest in technology infusion

Audience: K-12, Administration

Area of Focus: Literacy with ICT, Senior Years ICT, Innovation, Other Focus - Cross-grade collaboration, Subject area - ELA

 ***Interactive Response Systems for Differentiated Instruction and Assessment (1Q)***

Libby Dempsey and Cheryl Battersby

Brandon School Division

This session will demonstrate and discuss use of the SMART Interactive Response System in the classroom to assess, engage and meet the needs of different learning styles and abilities, including EAL.

Prerequisite Knowledge/Skills: Some SMART Notebook knowledge would be beneficial

Audience: Early and middle years teachers

Area of Focus: Literacy with ICT, Educational Technologies, Subject areas - Math, Science, EAL, Language Arts



Indicates hand-on workshop

The Many Uses of Boardmaker (1R)

Kim Smith

Beautiful Plains School Division

The presenter will explain how she uses Boardmaker Plus and Speaking Dynamically Pro with her Special Needs students in the Life Skills Classroom. Examples include using it for student-led conferences, journal writing, reading, math and life skills (recipes, cleaning tasks, etc.).

Prerequisite Knowledge/Skills: Awareness of Boardmaker

Audience: K-12, Special Needs Teachers

Area of Focus: Educational Technologies, Innovation, Subject areas - all subject areas, Other - Special Needs/Life Skills

SMART Math Lessons (1S, 2R Repeated Session)

Jaime Lombaert

Brandon School Division

The presentation will include the capabilities and functions of a SMART Board. SMART Notebook manipulatives will be shown; as well, ready-made lessons will be explored. A demonstration of how to create a lesson will also be shown.

Prerequisite Knowledge/Skills: For beginning and novice SMART Notebook/Board users

Audience: Early and middle years teachers

Area of Focus: Educational Technologies, ICT Supporting Skills, Subject areas - Math and ICT

Focused Observation of Learning in LwICT for K-8 (1T)

Michelle Larose-Kuzenko

Manitoba Education

How do you observe your student's LwICT in order to assess their learning and communicate that information to parents in report cards? Discussion will include assessment FOR learning, AS learning and OF learning in LwICT.

Prerequisite Knowledge/Skills: None

Audience: Early and middle years teachers

Area of Focus: Literacy with ICT, Assessment, All subject areas

The Ning Thing (1U)

Raman Job

Manitoba Teachers' Society

How can you build a learning community that's out-of-the-box simple? With Ning it's easy. These do-it-yourself social networks take almost no technical skill to make, but can be used to create highly usable and dynamic communities - inside the classroom or out. Nings get students connecting with each other and teachers can talk to other teachers around the globe. Participants will also see how many educators are using Ning networks to create their own Personal Learning Networks (PLNs).

Prerequisite Knowledge/Skills: None

Audience: K-12

Area of Focus: Professional Development, All subject areas

FirstClass Workspaces (1V)

Karen Klassen

Rolling River School Division

Using workspaces in FirstClass to organize, store, send and receive student and classroom files

Prerequisite Knowledge/Skills: FirstClass

Audience: Senior years

Area of Focus: ICT Supporting Skills, All subject areas

Online Resources to Integrate Sustainable Development Outcomes (1W)

Anne MacDiarmid

Manitoba Education

Education for Sustainable Development (ESD) is imbedded into Manitoba curriculum. This session will explore online resources to support the ESD outcomes from Kindergarten to Grade 12.

Prerequisite Knowledge/Skills: None



Indicates hands-on workshop

Audience: K-12

Area of Focus: ICT Supporting Skills, Other Focus - ESD, Subject areas - interdisciplinary

Differentiating Instruction with Technology (1X)

Brooke Williams

Brandon School Division

HALEP is High Ability Learner Enrichment Programming in which teachers work together to plan enriching units for students. Many of these units have focused on differentiated instruction with technology. In this session, Brooke will share some of the units she has developed with teachers.

Prerequisite Knowledge/Skills: None

Audience: Early and middle years teachers

Area of Focus: Educational Technologies, Planning, ICT Supporting Skills, All subject areas

The New Standards of Cheating? Plagiarism in a Digital World (1Y)

Craig Cuddy

Prairie Spirit School Division

Students have been plagiarizing and cheating on tests and assignments for as long as schools have existed. But has something changed? With such tools as Google and Wikipedia, is it time to give up and quit worrying about it? Or does something need to change? This session will attempt to explore that and other related questions.

Prerequisite Knowledge/Skills: None

Audience: K-12

Area of Focus: Assessment, All subject areas

Let's Stream Together: Shrinking the World, One Stream at a Time (1Z)

Chris Harbeck

Winnipeg School Division

Creative ways to use ustream.tv in your classroom. Collaboration with schools around the world is at your fingertips. Create class newscasts; stream your lessons and SMART Notebook slides. Works with PC or Mac.

Prerequisite Knowledge/Skills: Internet use

Audience: K-12

Area of Focus: Literacy with ICT, Educational Technologies

 ***Web 2.0 Applications for the Classroom (2A-3A Double Session)***

Craig Cuddy

Prairie Spirit School Division

Web 2.0 applications are everywhere. The obvious ones are wikis and blogs but there are so many more applications than just those, and lots of them apply to education.

Prerequisite Knowledge/Skills: None

Audience: K-12

Area of Focus: ICT Supporting Skills, All subject areas

 ***Using Audacity and Acid Xpress in the Music Classroom (2C-3C Double Session)***

Les Chalmers

Rivers East Transcona School Division

A hands-on approach to using audio recording and looping programs in the music classroom. Emphasis will be on practical classroom applications and working through demo lessons.

Prerequisite Knowledge/Skills: None

Audience: Middle and senior years teachers

Area of Focus: Other focus - music technology, Subject areas - music, music production

 **Create Software Tutorials for Your Class or School (2D)**

Nora Heschuk

Beautiful Plains School Division

Use Wink (a free downloadable software) to create tutorials for your students and or staff.

Prerequisite Knowledge/Skills: beginner-intermediate

Audience: K-12

Area of Focus: ICT Supporting Skills, Subject areas - LA, math

 **Let's Make a Video about That... (2E-3E Double Session)**

Bill Wynn

Fort La Bosse School Division

Videos have become very popular today and their educational use is limitless. They can be used to demonstrate, inform, persuade, promote and celebrate. Session participants will make a video together using Movie Maker. Ideas for the use of videos to bring curriculum to life in the K-12 classroom will be discussed.

Prerequisite Knowledge/Skills: beginner

Audience: K-12

Area of Focus: ICT Supporting Skills, All subject areas

 **Creating Activities with SMART Notebook (2F)**

Jody Hrymack

Rolling River School Division

Participants will use SMART Notebook to make interactive activities. We will look at the different techniques teachers can use to make activities appealing to our students.

Prerequisite Knowledge/Skills: Some SMART Notebook knowledge would be beneficial

Audience: K-12

Area of Focus: Literacy with ICT, All subject areas

 **Editing Your Digital Images (2G)**

John Evans


Manitoba Education

In this session, participants will employ basic techniques to edit their digital images using a variety of free software tools available on the Web. Participants are encouraged to bring a flash drive with a collection of their own images to use during the session.

Prerequisite Knowledge/Skills: Familiarity with a Web browser

Audience: K-12

Area of Focus: Literacy with ICT, ICT Supporting Skills, All subject areas

 **Me and My World (2J-3J Double Session)**

Glenda MacPhee

Beautiful Plains School Division

Use Word documents, PowerPoint, SMART Notebook and Wordle to create published work that is then assembled in a 3-layer scrapbook-like cube. This fits into the Grade 1 curriculum. Layer 1 is about the student, layer 2 about school and responsibilities and layer 3 about the larger community. The final product is a polished keepsake of the student's writing. This could be adapted to a variety of grades, subjects and projects.

Prerequisite Knowledge/Skills: None

Audience: Early years teachers

Area of Focus: Planning, Subject areas - social studies, science

What Can I Do Now? Web 2.0 Pedagogy (2K)

Darren Kuropatwa

Manitoba Education

In this session, learn how teachers can redesign their lessons to take advantage of social media and free tools available on the Internet. Emphasizing pedagogy over tools, we'll connect research-based pedagogy and the Literacy with ICT Continuum to using Flickr, wikis, Google Maps and mashups of a great many more tools. You'll walk away with lots of ideas to give



Indicates hands-on workshop

your favourite lessons a Web 2.0 facelift.

Prerequisite Knowledge/Skills: Some knowledge of Web 2.0 tools would be helpful

Audience: Middle and senior years teachers

Area of Focus: Literacy with ICT, Senior Years ICT, Educational Technologies, Planning, Assessment, Innovation, ICT Supporting Skills, Subject areas - multidisciplinary, math examples

One-to-One Computing - Pros and Cons (2L)

Kim Melvin

Louis Riel School Division

The Louis Riel School Division has implemented a 1:1 computer ratio in four high-needs schools. The goal of the program is to increase student engagement and develop literacy skills. Learn about the pros and cons of this program.

Prerequisite Knowledge/Skills: None

Audience: Administration

Area of Focus: Literacy with ICT, Educational Technologies, Planning, Assessment, Innovation, All subject areas

Twitter for Teachers (2N)

Ryan Maksymchuk

Swan Valley School Division

Wondering what all the fuss is about? What is Twitter, anyway? An overview of this exploding-on-the-scene micro-blogging tool and its application for your classroom, your PLC and maybe even your students.

Prerequisite Knowledge/Skills: None

Audience: K-12, Administration

Area of Focus: Literacy with ICT, Educational Technologies, Innovation, ICT Supporting Skills, All subject areas

Advancing Your GIS Skills (2O)

Rob Langston and Al Friesen

Brandon School Division; Manitoba Education

This workshop is designed for those who have some experience with Arcview 9.2. Join us for a demonstration of some advanced GIS skills as well as the opportunity to share ideas of where GIS can be used in your courses.

Skills demonstrated will include:

Creating a new layer from attribute data

Creating a new layer by digitizing

Clipping themes

Hyperlinking

Downloading air photos to Arcview GIS

Adding GPS data to a GIS map

Prerequisite Knowledge/Skills: Good knowledge of GIS/GPS

Audience: K-12

Area of Focus: Educational Technologies, ICT Supporting Skills, Subject areas - social studies/ geography, physical education

iClickers - Effective Assessment in a Click! (2P)

Kent Lewarne

Prairie Spirit School Division

Effective assessment is only a click away! With each student “ringing” in on questions as you teach, feedback is immediate. iClickers, can be used “for”, “of” and “as” learning. Come and use the iClickers and see how you could implement them in your classroom.

Prerequisite Knowledge/Skills: None

Audience: K-12

Area of Focus: Senior Years ICT, Educational Technologies, Assessment, All subject areas



Indicates hands-on workshop

Web-Based Courses: What's in It for Me? (2Q, 4Q Repeated Session)


Howard Griffith and Donald Girouard
Manitoba Education

Manitoba has been providing Web-based courses (WBCs) to Manitoba teachers for 10 years. As a teacher, you may be familiar with one use of WBCs - for the delivery of course options to students via the Web. However, this is only one use for Manitoba's Web-Based Courses! If you have not been involved as an online teacher, you may not even know they exist. Did you know that WBCs are available free to any teacher in Manitoba that wants one, and that they can be used to assist classroom instruction and professional learning? Come find answers to: In what ways do teachers use WBCs? How can you access them? What is available? What support can you access? What is new with WBCs in Manitoba?

Prerequisite Knowledge/Skills: None

Audience: Senior years teachers, Administration, Guidance/Resource

Area of Focus: Educational Technologies, Innovation, eLearning, All subject areas

 **BATL "Changing Teaching Strategies to Meet the Needs of 21st Century Learners" (2S-3S Double Session)**

Grant Butler
Rolling River School Division

Explore ways to move away from the "sage on the stage" and discover how 21st century students learn. Change classroom teaching strategies to engage students. (BATL: Blended Approach to Teaching and Learning)

Prerequisite Knowledge/Skills: An open mind about teaching

Audience: K-12

Area of Focus: Innovation, All subject areas

New Resources on Manitoba Education Website for LwICT (2T)

Michelle Larose-Kuzenko and Rosalind Robb
Manitoba Education

What's new at Manitoba Education to support teaching and learning in LwICT?

Prerequisite Knowledge/Skills: None

Audience: Early and middle years teachers

Area of Focus: Literacy with ICT, All subject areas

Schemin' 'bout Streamin' (2U)

Andy McKiel
St. James-Assiniboia School Division

Have you thought about using your classroom as a window to the world? This session will provide an overview of the increasing ability that educators have to broadcast content over the Internet. Through demonstrations of Web-based resources, participants will be engaged in discussions about the ability to share information with virtual audiences, archiving content and extending conversations through backchannel discussions.

Prerequisite Knowledge/Skills: Basic knowledge of either PC/MAC platform

Audience: K-12, Administration

Area of Focus: Literacy with ICT, Educational Technologies, Innovation, All subject areas

Early Numeracy (2V)

Shannon Mulvey, Patti Lawrence and Donna Mueller
Portage la Prairie School Division

This session will model their K-4 Early Numeracy interactive lessons using SMART technology. They will share and explore other free interactive materials for early numeracy.

Prerequisite Knowledge/Skills: Familiarity with LwICT initiative

Audience: Early years

Area of Focus: Literacy with ICT, Planning, Innovation, K-4 Math



Indicates hands-on workshop

LwICT: Getting our Feet Wet (2W)

Wendy Piche and Canda Monita
Brandon School Division

The presenters will show how they started their journey with Literacy with ICT by making small changes in their planning and instructional practice. They will share examples of technology-based student activities.

Prerequisite Knowledge/Skills: Familiarity with LwICT initiative

Audience: Early and middle years, Administration

Area of Focus: Literacy with ICT, All subject areas

 ***Wii Fit and Other Wii Games for Physical Education (2X)***

Shauna Martin and Gerry Badiou
River East Transcona School Division

This session will demonstrate how Wii Fit and other Wii games can be used in Physical Education classes to include all students.

Prerequisite Knowledge/Skills: None

Audience: K-12, Special Needs

Area of Focus: Innovation, Subject area - physical education

 ***Collaborative Research Using One-Note and Word (2Y)***

Dianne Nordstrom
Beautiful Plains School Division

Participants will learn the benefits of using Microsoft OneNote for a collaborative research project. We will discuss how to set up OneNote and how a file should be saved on a file server. We will also discuss how to assess the research for each participant and how to transfer the information to Word and format it appropriately. Teachers will be given an opportunity to setup a OneNote folder and take it with them for future use.

Prerequisite Knowledge/Skills: Word, file management

Audience: Middle and senior years teachers

Area of Focus: Literacy with ICT, Senior Years ICT, All subject areas

Our Students are Social Animals: Harness their Willingness to Collaborate (2Z)

Chris Harbeck
Winnipeg School Division

Teachers need to realize that their students live on social networks. The presentation will show teachers how to harness this energy and use it to motivate students to be better learners.

Prerequisite Knowledge/Skills: Social networking, Computer usage

Audience: K-12

Area of Focus: Literacy with ICT, Educational technology, Innovation, ICT Supporting Skills, All subject areas

 ***Technology Tips and Tricks (3B)***

Jody Hrymak
Rolling River School Division

This session is for anyone who loves to hear about engaging, high-interest technology ideas. We will look at websites, programs and classroom tips that infuse technology into your everyday teaching.

Prerequisite Knowledge/Skills: None

Audience: K-12

Area of Focus: Literacy with ICT, All subject areas

 ***Educaching - Educational Applications of GPS Technology for Grades 2-8 (3D-4D Double Session)***

Shannon Graham
Brandon School Division

Educaching refers to the educational use of geocaching, the world's fastest growing hobby/sport/game. After a brief overview of GPS receivers and technology, participants will learn ways to use educaching in curricular areas beyond Social Studies.

Prerequisite Knowledge/Skills: None

Audience: Early and middle years teachers grade 2-8

Area of Focus: Education Technologies, Subject areas - cross-curricular

 **3D Modelling with Google Sketchup (3F-4F Double Session)**

Brent Froese

Portage la Prairie School Division

Orientation to 3D modelling for teachers interested in working with architectural and geographical features for instructional purposes.

Prerequisite Knowledge/Skills: Basic computer skills

Audience: K-12

Area of Focus: Literacy with ICT, Senior Years ICT, Education Technologies, Innovation, ICT Supporting Skills, All subject areas

 **Scratch: Innovative Software for Creative Students (3G-4G Double Session)**

Janis Williams

Southwest Horizon School Division

A programming language for everyone! Inspire your students to think creatively and develop problem-solving skills. Snap programming blocks together to create animations, stories and games to share on the Web. Scratch is a free program; download it online from MIT. This session will introduce the Scratch website, resources, tutorials, videos and sharing options. Complete several Scratch projects and learn the Scratch basic programming skills. Available for Mac and PC.

Prerequisite Knowledge/Skills: Basic computer skills

Audience: Middle and senior years teachers

Area of Focus: Literacy with ICT, Senior Years ICT, Educational Technologies, Innovation, ICT Supporting Skills, All subject areas

River Watch Project (3H)

Kent Lewarne

Prairie Spirit School Division

Engage students in an outdoor learning experience! River Watch provides the equipment and protocols for students to collect valuable data about their watershed. Students collect the water on site and analyze the water for various parameters such as turbidity, DO, pH and conductivity using various technologies such as the Pasco Explorer GL, a YSI Sonde Unit and other stand-alone sensors. Data can be stored and analyzed using an online database.

Prerequisite Knowledge/Skills: None

Audience: Middle and senior years teachers, Ecology-Environmental courses

Area of Focus: Gr. 7 & 8 Science, Science 20F, Biology, CTS 30S

 **Office 2007 Tips and Tricks (3I)**

Dave Adams


Fort La Bosse School Division

Microsoft Word 2007 is an incredibly powerful program and easily frustrating. This session will touch upon many of the commonly used features that will provide you with some relief and answers.

Prerequisite Knowledge/Skills: None

Audience: K-12

Area of Focus: Literacy with ICT, Senior Years ICT, ICT Supporting Skills, All subject areas

 **Cool! Claymation! (3K-4K Double Session)**

Nora Heschuk

Beautiful Plains School Division

Participants will create their own stop-motion animation using free software called "Monkey Jam" and Windows Movie Maker. They will also see samples of claymation creations that have been created in French, Language Arts, Science and Math classes. The only limit is your imagination (and time!).

Prerequisite Knowledge/Skills: Basic computer skills

Audience: Middle and senior years teachers

Area of Focus: Literacy with ICT, Subject areas - LA, French, Social Studies, Math, Science

Incorporating GIS into Canadian History (3L)

Rob Langston and Al Friesen

Brandon School Division; Manitoba Education

With a new Canadian History curriculum on the way, why not learn how you can add GIS into your lessons to effectively reach many outcomes while using technology available to all publicly founded schools in Manitoba? Using GIS in History will allow students to see history in a new way. GIS allows students to see spatial patterns, relationships and the impact that geography has had on history. Participants will learn what GIS is and see demonstrations on how GIS can be used in a History setting.

Prerequisite Knowledge/Skills: Some knowledge of GIS would be useful

Audience: Middle and senior years teachers

Area of Focus: Educational Technologies, ICT Supporting Skills, Subject areas - Social Studies, History

Online Dangers: Reality vs. Perception (3M)

John Finch

Manitoba Education

We see the headlines about online dangers but what is the real story? A look at the research conducted in this area and what that tells us about dangers found online.

Prerequisite Knowledge/Skills: None

Audience: K-12

Area of Focus: Literacy with ICT, All subject areas

 ***Social Bookmarking: Gather, Bookmark and Share a Wealth of Resources (3N)***

John Evans

Manitoba Education

Social bookmarking is a great technique to find Web resources that have been filtered by other teachers like yourself. Why search Google when a colleague has already referenced and tagged great resources to be shared with others? In this session, you'll learn about the value-added aspect of social bookmarking and find some great resources to use in your classroom tomorrow.

Prerequisite Knowledge/Skills: Familiarity with a Web browser

Audience: K-12, Administration

Area of Focus: Literacy with ICT, ICT Supporting Skills, All Subject Areas

Interactive Whiteboards in the Early Years Classroom (30-40 Double Session)

Devon Caldwell

Fort La Bosse School Division

Participants will increase their knowledge of the many applications of SMART Notebook 10 software in the Early Years classroom. Work samples will be shared, as well as a variety of Web-based resources that complement interactive whiteboard use.

Prerequisite Knowledge/Skills: None

Audience: Early years teachers

Area of Focus: Literacy with ICT, Educational Technologies, Subject areas - Math, ELA, Science, Social Studies

 ***The How and Why of Screencasting (3Q)***

Ross Acree

Rolling River School Division

Make your own movies for the Internet. From delivering a lesson, reviewing a topic or student projects, screencasting is a great way for all of us to communicate creatively.

Prerequisite Knowledge/Skills: None

Audience: K-12

Area of Focus: Innovation, Literacy with ICT, All subject areas

Which IWB is Right 4 Me? (3R)

Andy McKiel

St. James-Assiniboia School Division

This session will compare and contrast the hardware and software from two leading interactive whiteboard companies - SMART and Mimio. Examples will be shared that highlight how interactive whiteboards can be used to successfully infuse technology into teaching and learning. Both SMART and Mimio interactive whiteboards will be demonstrated through this presentation.

Prerequisite Knowledge/Skills: None

Audience: K-12, Administration

Area of Focus: Educational Technology

 ***The Harvest Continues (3T-4T Double Session)***

Ryan and Tracy Maksymchuk

Swan Valley School Division

In the fall of 2009 for SAG, teachers from and near Swan Valley School Division participated in a unique PD event entitled *A Harvest of Opportunity*. The session provided a framework for professional development, as well as access to hardware, software, and facilitation specialists. Participants will choose their own path of PD interests by accessing a wiki interface and then proceeding to be immersed in one of many technology-driven PD activities. If the idea of self-directed PD excites you, this session will be worthwhile.

Prerequisite Knowledge/Skills: None

Audience: K-12, Administration

Area of Focus: Educational Technology

 ***Using Word Features to Improve the Writing Process (3U)***

Kathy Spangler

Brandon School Division

This session will show how to use features such as *Track changes* and *Insert comments* in Microsoft Word, along with other tips and tricks, to support student work.

Prerequisite Knowledge/Skills: Basic computer use

Audience: K-12

Area of Focus: Educational Technology

Using a Digital Camera in the Classroom (3V)

Karen Klassen

Rolling River School Division

Digital cameras are an effective teaching tool as they are easy to use, provide instant feedback/gratification and can spark an interest in writing.

Prerequisite Knowledge/Skills: None

Audience: K-12

Area of Focus: Literacy with ICT, All subject areas

 ***Beyond Masking Tape Science (3W)***

Kevin Chambers

Brandon School Division

Several demonstrations of how the right ICT equipment can turn an ordinary Science program into an extraordinary Science experience.

Prerequisite Knowledge/Skills: None

Audience: Middle years

Area of Focus: Educational Technology, ICT Supporting Skills

 **Technology in Special Needs (3X)**

Albert Krynski

Portage la Prairie School Division

A look at how technology is used in a Special Needs environment.

Prerequisite Knowledge/Skills: Interest in Special Needs

Audience: K-12

Area of Focus: Educational Technology, Innovation, Special Needs

 **SMART Notebook: Middle and Senior Years (3Y)**

Kent Schiltroth

Fort La Bosse School Division

This session will review the basics of SMART Notebook and will then explore strategies that will help with everyday lessons.

Participants will view some out-of-the-box lessons, with a special focus on sports video.

Prerequisite Knowledge/Skills: None

Audience: Middle and senior years

Area of Focus: Senior Years ICT, Innovation

ICT in a Multi-age Classroom (3Z)

Jane Ward

Portage la Prairie School Division

The presenter will demonstrate how ICT has been used in a non-graded, multi-age classroom in which each child has received a Netbook to use throughout the day. The presenter will explore the successes and pitfalls of this initiative.

Prerequisite Knowledge/Skills: None

Audience: Early years

Area of Focus: Literacy with ICT, Innovation, All subject areas

 **Comic Life: See You in the Funny Papers! (4A)**

Clarke Hagan

Lakeshore School Division

Comic Life gives you fun and professional templates for instant, impressive photo layouts.

Prerequisite Knowledge/Skills: Basic computer skills

Audience: All teachers

Area of Focus: Literacy with ICT, Educational Technology

Senior Years ICT Sharing Session (4B)

Shawn Kleebaum

Turtle Mountain School Division

Please bring your SY ICT course outlines and resources (preferably links to online content or on a flash drive) and be prepared to share with the group. We will begin the session by sharing how SY ICT courses are delivered at Boissevain School. In turn, all participants will be asked to do a Show & Tell. The final goal is to create a wiki with links to SY ICT courses and resources.

Prerequisite Knowledge/Skills: None

Audience: Senior Years

Area of Focus: Literacy with ICT, Senior Years ICT, Planning, Assessment, Innovation

iTunes in Education - What's in IT for me? (4C)

Andy McKiel

St. James-Assiniboia School Division

This session will highlight many of the free educational resources that are readily available through iTunes. Participants will discover that iTunes can be used for a lot more than managing a music library or syncing an iPod.

Prerequisite Knowledge/Skills: Basic knowledge of either PC/MAC platform

Audience: K-12, Administration

Area of Focus: Literacy with ICT, Educational Technology, Innovation, All subject areas

 **Mashup (4E)**

Kent Schiltroth

Fort La Bosse School Division

Mashing together text, music, video and images using Windows Movie Maker to activate, acquire and instruct.

Prerequisite Knowledge/Skills: None

Audience: All teachers

Area of Focus: Senior Years ICT, Subject areas - ELA and History

ePEARL: Electronic Portfolio for Evidence of Learning (4H)

Michelle Larose-Kuzenko, Rosalind Robb

Manitoba Education

You just discovered ePEARL and want to take full advantage of this resource.

Prerequisite Knowledge/Skills: None

Audience: Early and middle years

Area of Focus: Literacy with ICT, Assessment, All subject areas

Handheld Devices in the Classroom: If You Can't Beat 'em, Join 'em (4I)

Grant Butler

Rolling River School Division

Teaching strategies to work with students who have handheld devices in your classroom. Ways to integrate these tools to enhance your lessons and engage students.

Prerequisite Knowledge/Skills: None

Audience: All

Area of Focus: Literacy with ICT, Senior Years ICT, Planning, Innovation, Assessment, All subject areas

You're Integrating ICT and Might Not Even Know It (4J)

Coleen McKellar

Brandon School Division

Integration does not have to be fancy or expensive. This session will reassure teachers that they are integration ICT into their everyday lessons allow them to pick up some pointers on further integration. Participants will receive a CD of the presentation, plus some PowerPoint game templates.

Prerequisite Knowledge/Skills: None

Audience: Middle and senior years

Area of Focus: Literacy with ICT, Senior Years ICT, Subject areas - Science

LwICT for Senior Years Teachers - Connecting with the K-8 Dots (4L)

Bill Wynn, Brenda Masson, Rhonda Tomlinson and Holly Forsyth

Fort La Bosse School Division

At the start of the current school year, all Fort La Bosse senior years teachers were inserviced on the LwICT K-8 initiative. This included the background of LwICT, the LwICT Continuum, reporting procedures and how K-8 teachers match student work to the Continuum descriptors. This session will give an overview of how Fort La Bosse will continue LwICT in Senior Years.

Prerequisite Knowledge/Skills: None

Audience: Senior years teachers and administrators in Divisions considering extending LwICT into the senior years program

Area of Focus: Literacy with ICT, Senior Years ICT

LwICT Baby Steps (4M)

LwICT Implementation Team

Brandon School Division

Change your instructional practice and increase your students' literacy with ICT the way you learned to walk - one step at a time.

Prerequisite Knowledge/Skills: None

Audience: K-12, Administration

Area of Focus: Literacy with ICT



Indicates hands-on workshop

Copyright Conundrums: A Creative Commons Solution (4N)

John Finch

Manitoba Education

What may we use or not use in the classroom? A brief examination of how copyright affects teachers and students and some freely available alternatives to copyrighted materials.

Prerequisite Knowledge/Skills: None

Audience: All teachers, administrators

Area of Focus: Literacy with ICT, All subjects

Communication Technology for Administrators (4R)

Graham Shindle

Portage la Prairie School Division

An introduction to the idea of using of social networking sites (e.g. Twitter, Wordpress, Skype, Facebook) to improve school-to-home communication.

Prerequisite Knowledge/Skills: None

Audience: Administrators

Area of Focus: Other - Communication and Administration

 **Tools for the Art Classroom (4S)**

Ron Nordstrom

Beautiful Plains School Division

If you teach art, whether you are an art specialist or a classroom teacher, explore electronic tools that can help your students express themselves creatively through experimentation with electronic media.

Prerequisite Knowledge/Skills: Basic computer skills

Audience: Middle and senior years

Area of Focus: Literacy with ICT, Subject areas - Art

 **Intro to Excel (4U)**

Kathy Spangler

Brandon School Division

Learn how to tame the Excel beast and use it to your advantage to make tables and graphs in your Early and Middle Years classroom.

Prerequisite Knowledge/Skills: None

Audience: Early and middle years

Area of Focus: Literacy with ICT, ICT Supporting Skills

 **Day in the Life of an Online Teacher (4V)**

Dave Adams

Fort La Bosse School Division

This session will assist those interested in providing online education with the theory, administration, tools and methods of designing and delivering learning online.

Prerequisite Knowledge/Skills: None

Audience: K-12

Area of Focus: Literacy with ICT, Senior Years ICT, ICT Supporting Skills, Subject areas - all

From Line to New Line Cinema (4W)

Kevin Chambers

Brandon School Division

The integration of ICT in Art instruction enables learners to explore the development of line, cartooning and stop-motion animation in creating their own Webcam movies.

Prerequisite Knowledge/Skills: None

Audience: Middle years

Area of Focus: ICT Supporting Skills, Innovation, Art

***Cell Phones in the Classroom???* (4X)**

Rob Fisher and John Evans

Manitoba Education

Mobile computing is all around us. The tiny devices our students carry with them can text, capture images and video, record audio, surf the Web, keep them organized and so much more. In this session we will look at what Bill 24 requires of us.

Current trends in the educational use of mobile computing will be discussed, several mobile applications will be demonstrated and participants will have an opportunity to discuss current practice in their schools.

Prerequisite Knowledge/Skills: None

Audience: Middle and senior years, Administrators

Area of Focus: Literacy with ICT, Educational Technology, Innovation, All subject areas

***Using Your SMART Board and Notebook Software in the Middle Years Classroom* (4Y)**

Whitney Stone

Rolling River School Division

Participants will share how SMART Boards are used in the classroom. Whitney will present her application of these tools and there will be a sharing time for others to discuss what worked and what didn't.

Prerequisite Knowledge/Skills: Basic SMART Board use

Audience: Middle years

Area of Focus: Educational Technology, Subject areas - Math, ELA, Art

 ***Jimmy's Teacher Tools* (4Z)**

Jim Mueller

Portage la Prairie School Division

Teachers will be exposed to a variety of free software applications that may be used at home or in the classroom.

Prerequisite Knowledge/Skills: None

Audience: K-12, Administrators

Area of Focus: Literacy with ICT, Senior Years ICT, Educational Technology, Innovation, All subject areas



Indicates hands-on workshop

Keynote Address

On Teaching Interdependence

Wolves, Russians and other stories



Darren Kuropatwa

Darren Kuropatwa's unique skill set - an in-depth knowledge of pedagogy, leading edge technology skills and boundless creativity - makes him a strong change agent in 21st century education. His relaxed, confident manner puts teachers at ease as he engages them in thought-provoking conversations of how appropriate applications of technology in the classroom enhance student learning. Attendees leave eager to apply these ideas in their own classrooms.

His leadership and vision in the field of educational technology are known world-wide through his work as one of the founding conveners of the *K12 Online Conference* (<http://k12onlineconference.org/>) and his professional blog *A Difference* (<http://adifference.blogspot.com./>).

Darren is currently on secondment to Manitoba Education as Senior Years ICT & Business Education Consultant.

Schedule and Registration Information

Registration, exhibits and coffee 8:00 - 9:00
Welcome, introductions and keynote speaker 9:00 - 10:05
Coffee and exhibits 10:05 - 10:15
Session 1 10:15 - 11:15
Session 2 11:25 - 12:25
Lunch 12:25 - 1:00 Lunch served onsite
Session 3 1:00 - 2:00
Session 4 2:10 - 3:10
Door Prizes 3:15

NOTE: Presenters are not required to pay a registration fee but are asked to register to ensure accurate counts for food services.

Registration Fee

Registration fee: \$40.00
 Student fee: \$20.00
 Deadline for registration is February 12, 2010.
 Cancellation of registrations must be sent to Cathy McLaren by February 12, 2010. No refunds will be issued after that date.

How to Register

Register **online only** at <http://byteconference.ca>

Payment

Cheques should be made payable to BYTE and sent to:
 BYTE Conference
 c/o Cathy McLaren
 1031 - 6th Street
 Brandon, Manitoba R7A 4K5

NOTE: If a cheque is written for more than one registration, please indicate all of the conference participants covered by the cheque.

For conference updates, visit <http://byteconference.ca>

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