

Thursday
@



Education in the 22nd Century: Playing with the Future

David Thornburg

Thornburg Center

www.tcse-k12.org

We are a decade into the 21st century, yet global school systems remain largely the same as they have for a hundred years. This dynamic talk shows emerging technologies that not only have the power to change how students interact with content, but to assist in the complete transformation of education itself. By moving from science fiction to reality, participants in this session will get a glimpse of their future and never look at their classrooms the same way again.

BIO

Dr. Thornburg is one of the most popular presenters on the topics of STEM education, educational technology, and the push toward inquiry-driven project-based learning. His experience is global, and he has written extensively on his topics, including over a dozen books. In addition to his work with educators and school systems, he also conducts mechatronics workshops for middle-school children in Recife, Brazil. David currently splits his time between North and South America.

David is an award-winning futurist, author and consultant whose clients range across the public and private sector, both in the United States and in Brazil. His razor-sharp focus on the fast-paced world of modern computing and communication media, project-based learning, 21st century skills, and open source software has placed him in constant demand as a keynote speaker and workshop leader for schools, foundations, and governments.

His educational philosophy is based on the idea that students learn best when they are constructors of their own knowledge. He also believes that students who are taught in ways that honor their learning styles and dominant intelligences retain the native engagement with learning with which they entered school. A central theme of his work is that we must prepare students for their future, not for our past.

What's New in Kurzweil 3000 - Tips and Tricks

Bonnie Plouffe and Lorayne Tunley

Vendor / Vendeur

Microcomputer Science Centre Inc.

Kurzweil 3000 is the premier reading, writing, and learning software solution for struggling students. It is widely recognized as the most comprehensive and integrated solution for addressing language and literacy difficulties. The software uses a multisensory approach presenting printed or electronic text on the computer screen with added visual and audible accessibility.

Creating relevant evaluations for digital learners

Kat Goodale

Educator / Educateur

Linden School

Students are becoming increasingly sophisticated using digital communication tools, and so it becomes increasingly important to give them evaluations that are relevant to them and their experiences. We've begun shifting from teacher-created projects to using real world examples, the highlight of which was the Grade 12 Comm. Tech. students having the opportunity to take on the challenge of creating a logo for ECOO. In this session, the students will share the experience and discuss how this approach has affected their understanding of communication and use of technology.

Build It, Draw It, Write It, Talk It . . . Own It!

Perry Gelakis and Kerry Dwyer

Vendor / Vendeur

Thames Valley District School Board / Hamilton Wentworth Catholic District School Board

Engage students with a wide range of ability levels and learning styles with technology. Build student confidence and understanding using interactive software along with high-yield instructional strategies in a variety of instructional settings. Participants will examine how to apply this student-centered, interactive approach to a variety of concepts including whole numbers and integers, fractions, geometry and measurement, graphing and algebraic thinking. CD included.

Making your lesson an interactive white board experience

Dustin Jez

Vendor / Vendeur

Promethean / VocaLinks

This workshop will provide examples of how a standard lesson becomes an interactive experience. We will provide hands-on guided practice based on elementary level curriculum. We will also share the top 5 tips for designing interactive white board lessons and where you can access great on-line.

Building an Online Library Learning Commons

Anita Brooks Kirkland and Becky Rouse

Educator / Educateur

Waterloo Region District School Board

What makes the difference between a library website and an online learning space? Learn how Waterloo Region teacher-librarians collaborated to create a board-wide Library Learning Commons website, replete with engaging and interactive resources for 21st century learners. Join us as we build a true online knowledge building centre for our students - one that we want to share with you!

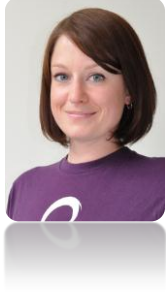
Digital literacy and learning tools for students: discover, chat, explore

Louise Slobodian

Educator / Educateur

Knowledge Ontario

Knowledge Ontario delivers 21st century tools useful for every student. Come and: explore our rich suite of e-resources (knowledgeontario.ca/eresources); discover OurOntario.ca and its local primary source materials; try assignment and homework chat help (askON.ca / ONDemande.ca); dig into the technology help that lets you and your students be successful (learnontario.ca).



Take Your Classroom Global with TIGed!

Katherine Walraven

TakingITGlobal

www.tigweb.org

In this interconnected world, it's imperative that youth learn to communicate and collaborate with global peers. Participants will explore TakingITGlobal.org, the world's most popular online community for youth interested in building a more peaceful, inclusive and sustainable world, and learn how online classrooms can build global citizenship and technology skills.

Remixing History: The Cigar Box Project

Neil Stephenson

Educator / Educateur

Calgary Science School

Authentic Inquiry-Based work is intentionally planned at the intersection of student creativity, strong teaching practice and innovative implementation of digital technology. The session will summarize the Cigar Box Project, a yearlong history project which engaged students through the remixing of historical images. This project was recently awarded both the Prime Minister's and Governor General's award for Teaching Excellence.

Creating A Book Trailer in Photostory 3

Karen Falls

Educator / Educateur

Hamilton-Wentworth District School Board

Students will analyze movie trailers to understand the structure of this form of advertising. They will use images and sound from royalty free sites, and their voice to create a book trailer. Audacity will also be introduced for creating the soundtrack.

Using video production with students in your classroom

David Wees

Educator / Educateur

Stratford Hall

Learn about ways in which you can use the creation of video projects with your students. We will examine some of the research together, look at a couple of famous projects, and show some exemplars of student work. This is not intended to teach you how to do video production, but I will point you at some resources to get you started with creating videos in your class.

Game it up! More ways to use your IWB

Shelley Bell and Bobbi Bentham-Reynolds

Educator / Educateur

WHSS@UGDSB

Two high-school math/science teachers will share Smart (& the odd Promethean) games. You will "play" & receive access to a number of games and activities: some short (pig) and some that are designed for a 75minute period (wager game); all applicable to every subject and grade. You will be playing with your class the week after ECOO!

I read, therefore I blog

Royan Lee

Educator / Educateur

York Region District School Board

What if everything we wrote and thought about in the process of deconstructing and synthesizing meaning from texts was viewable and assessable online? What if your student notebook didn't live inside your desk, but instead in an open environment for your peers, teachers, and parents to read and respond to? Participants will learn how intermediate students are using class blogs, social networking, and other web 2.0 learning tools to communicate, collaborate, and provide feedback on.

Boost Student Achievement with Heritage!

Alyce Gambrell

Vendor / Vendeur

Promethean, Inc.

"Research has shown that when students know their heritage, they perform better in school, in the community and ultimately, the workplace. Join us to learn how the Heritage program from Promethean will give your teachers a rich library of resources from which to teach heritage, and give students a head start on achievement through learning about their cultural Heritage."

Emond Montgomery Publications Presents: 'Get Skilled' - Online OSSLT

Lindsay Mascherin

Vendor / Vendeur

Emond Montgomery Publications & Reading Ahead

'Get Skilled' – a new web-based resource that prepares students of all learning levels for the OSSLT.

Developed by English teachers & tested in Ontario schools, Get Skilled uses the most popular features of the web — avatars, online journals, forums & more to engage students in a new way & prepares them for the test.

Maximizing Google Apps through web collaboration for secondary schools

Richard Grignon

Educator / Educateur

Ottawa Carleton District School Board

First time winners of the OCRI Futures Award for School Innovation, John McCrae Secondary School has revamped their website to allow for an ease of collaboration. Using Google Sites as its backbone, johnmccrae.ca allows for administrators and teachers alike to communicate up to date information instantaneously to parents and students. Through the site, students can collaborate online using Google Docs and teachers can view their progress. It can also be used as an online distance learning tool for students with prolonged absences such as our High Performance Athletes

Online and collaborative — exploring a sustainable energy future

Gordon Harrison

Vendor / Vendeur

GreenLearning Canada

Foster collaborative learning on the environment through eCards, an innovative eLearning program for Science, Language and Geography, Grades 7 to 10. eCards uses teacher-facilitated online-learning for student success. This workshop will introduce eCards and explore practices to link classes in the search for a sustainable energy future.



Engaging 21st Century Students and their Teachers

Karen Hume

www.karenhume.ca

What causes so many students to disengage from learning? Is access to technology part of the problem, part of the solution, or both? In this session, we will look at issues of both student and teacher disengagement in the context of 21st century learning. We'll consider what we can do in each of 5 aspects of engagement to help students and their teachers be more involved in their work and achieve greater success in learning.

Bio

Karen Hume is a former teacher, administrator and Student Success Leader from the Durham District School Board. Karen writes and speaks about differentiated instruction, assessment for, as and of learning, evidence-based schools, and student and teacher engagement. Her professional books are published by Pearson Canada.

Karen's dynamic workshops combine theory and practice. Participants leave her sessions equipped with achievable, manageable actions that can be taken to increase the effectiveness of work at the classroom, school and district levels.

The Power of Play: Infusing Fun into Professional Development

Leigh Wolf

Educator / Educateur

Michigan State University

Fostering play in technology workshops is an effective way to allow people to interact with new technologies. This workshop will focus on the link between play and learning as well as specific strategies to foster a spirit of play in a professional development setting.

Intellitools; Classroom Suite

Lorayne Tunley and Bonnie Plouffe

Vendor / Vendeur

Microcomputer Science Centre Inc.

Classroom Suite is a unique intervention tool that combines direct instruction with a flexible tool environment which helps students achieve mastery in reading, writing and math. This session facilitates a hands-on experience of the basics, followed by a presentation of the advanced features, including the Intellikeys keyboard.

Visual Arts Instruction Through a Digital Lens

Mike Hammer

Educator / Educateur

Toronto District School Board / Professional Artist

Visual Art teacher and professional artist Mike Hammer will present various uses of technology in the classroom. The focus will be on the innovative use of Smart Boards in order to encourage student participation, enhance learning, and assist teachers in managing their curriculum. Take a peek into Mike Hammer's engaging art classroom through a series of videos and photographs to see how students are using Notebook 10 software in interesting collaborative projects. He will also show how he uses Notebook 10 as a one-stop software tool to manage and present all aspects of his lesson plans. Audience members will be encouraged to participate in the use of the Smart Board and key Smart board peripherals including clickers and a document camera. Other topics that will be touched upon are digital photography and how to integrate the use of a Digital SLR in the classroom as well as T-shirt printing. There will be several references to the Language Arts and Mathematics in the presentation highlighting cross-curricular possibilities.

Ginger Software

Bonnie Plouffe and Lorayne Tunley

Vendor / Vendeur

Microcomputer Science Centre Inc.

Ginger Software is dedicated to empowering children and adults with learning difficulties to write error-free texts independently. By successfully tackling even the severest spelling mistakes, Ginger's revolutionary spell-checking technology helps to level the playing field for children and adults. As the user works on a regular text Ginger Software automatically detects and corrects unusual spelling mistakes, misused words, and grammatical errors.

Cyber-Cheating and Cyber-Slacking - the Next Frontiers

Jerrard Gaertner

Vendor / Vendeur

Soberman LLP

The internet provides almost limitless educational material for students - on-line courses, references, even electronic tutors. It also provides opportunities to plagiarize, become dependent on software tools or obtain/share exams. Worse, it can dull critical perception making Google's top hit the most trusted information and Wikipedia the revealed truth.

Interactive Whiteboards as a Teaching/Learning Communication Tool in

Wanda de Castro and Anthony King

Educator / Educateur

Toronto District School Board

The key to using an Interactive Whiteboard effectively is to prioritize 'interaction' (student/technology, student/student). This session will present a variety of practical, classroom examples based on the Three-Part Lesson that demonstrate increased student collaboration, communication and creativity in mathematics using ICT (IWBs, online resources, digital cameras, webcams).

Using OSAPAC Software for Storytelling

Kent Manning and Alisa St.-Pierre

Educator / Educateur

Hastings & Prince Edward D.S.B. / Windsor-Essex Catholic District School Board

In this bilingual session, OSAPAC software titles Comic Life, Frames 4, Bit Strips for Schools and their uses in storytelling will be discussed. Technology and curriculum integrations will be presented and illustrative examples will be showcased.

Digital StoryTelling

David Brear

Educator / Educateur

DKB Consulting

"Digital storytelling begins with the notion that in the not too distant future, sharing one's story through multiple medium of imagery, text, voice, sound, music, video and animation will be the principal hobby of the world's people." - Joe Lambert, co-founder of the Center for Digital Story Telling. Presentation includes extensive resource Web site, examples and what worked in the presenter's classroom.

Web that Works?

Doug Peterson

Educator / Educateur

There are lots of web-based applications that work well in the classroom. In this session, we will explore some of the best and see how they can be used to motivate students and bring a new element to the classroom.

Sound Strategies in the Classroom

Preston Winn

Vendor / Vendeur

None

Infrared microphones in classrooms: Learn why many unbiased educational institutions say ActivSound technology should be in all our classrooms! Impact on ELL, low socioeconomic, Math & Science as well as general population students will be a focus.



If a Picture is Worth a Thousand Words, Start Talking with Digital Images!

Gail Lovely

www.LovelyLearning.com

Digital images are for more than making things pretty or making pretty things. This session will share amazing free tools for creating engaging visually-rich learning opportunities for your students. Learn ways to use digital images to ignite enthusiastic learning in your class. Sources of images (including your camera), tools for editing and creating images, interesting uses of images in learning and the almost magical engagement that an image-rich learning environment creates will be explored. Leave with a better understanding of the potential of digital images for improving student engagement as well as with easy-to-use tools and simple ready-to-do ideas.

Bio

Gail is a teacher by calling and profession. A former classroom teacher of grades PK through 8, Gail now works for herself providing meaningful, practical professional development specializing on wise and powerful ways to use technologies to improve teaching and learning. She has a Master's Degree in Educational Computing from Pepperdine University and tries to learn at least three new things every day.

Is the Medium the Message? The Impact of E-Readers in Education.

Colin Harris and Melissa Murray

Educator / Educateur

York Region District School Board

What impact will e-readers such as the Kindle and the iPad have on literacy in the next five years? This will be a facilitated discussion designed to capture a synthesis of thinking around the role of technology in reading/literacy. We will explore challenges and generate possible solutions to meet the needs of tomorrow's learners.

BrainPOP – Teaching with Engaging Multimedia

Chris Lee

Vendor / Vendeur

Toronto District School Board

Join this session to discover classroom examples of BrainPOP: as a diagnostic assessment with interactive whiteboards, for independent projects, as the "hook" of a lesson, and throughout all the curriculum areas. Included will be a standards search tool to connect BrainPOP to standards in Ontario, Alberta & British Columbia. Bring your laptop to access Brainpop.com website during the presentation and get engaged!

Going Global...see the possibilities.

Zoe Branigan-Pipe

Educator / Educateur

Hamilton-Wentworth District School Board

Examples of lessons, blogs, podcasts and cloud computing applications and tools (Livescribe, front row sound system, Google docs, twitter, voicethreads, global collaboration initiatives) will provide the participants with authentic understanding of how a classroom with a limited set of computers can fully integrate a 21st Century approach to meet a wider variety of learners. This presenter will highlight projects such as how she has collaborated with over 25 different schools worldwide to engage students in reading, math and social studies. Participants will see first-hand how both commercial collaborative activities and 2.0 web applications foster relationships and a sense of community within the classroom and thus, empower students to take control of their own learning. Participants can go to the presenters' blog at: <http://pipedreams.edublogs.org> for more information.

Introducing neophyte students to online learning

Donald Philip and Danielle Truswell

Educator / Educateur

University of Toronto / University of Toronto, Mississauga

We describe a course in which students were introduced to online learning. The running of the course, student activities, statistics as to use, and perspectives from a novice moderator are given. Although dealing with university, this session applies to secondary teachers as many of the same problems would be encountered.

Livescribe Smart Pen

Bonnie Plouffe and Lorayne Tunley

Vendor / Vendeur

MicroComputer Science Centre Inc.

For those that are not familiar with the Livescribe, it is a pen with a built-in digital recorder that will actually track what you are writing (with a small camera) to link the audio recordings with what was written on the paper. So the recordings can be easily played back, by tapping on your notes.

Beginner's Guide to Video Conferencing

Dave Lanovaz

Educator / Educateur

HPEDSB

Want to connect with the outside world? Learn how to start video conferencing with your students and how to use video conferencing as a method of professional development.

Google Apps in the Classroom

Jack Darling

Educator / Educateur

Durham District School Board

Google Apps is a collection of web based application programs which includes; word processor, spreadsheet, presentation, website creation, calendar, and e-mail components. It is free, it promotes collaboration learning, and files created can be accessed anywhere an internet connection exists. It does have its drawbacks. Come and hear how one teacher based a BTA 301 course on Google Apps.

Using the SmartBoard and student response systems to design effective and

Bruce White and Bill Schreiter

Vendor / Vendeur

Thames Valley District School Board / Duplicom/ Smart Technologies

In this session you will learn how the Smartboard can be used to meet the needs of all learners. Learn how you can make the SB an effective teaching tool that helps increase student engagement and motivation. Explore how the Smartboard can be used for "Differentiated Instruction". See how the student response systems can be used for assessment of, for and during learning.

What's New From The NECTAR Foundation

Rheal Dumont

Vendor / Vendeur

NECTAR Foundation

Come and see what's new for math, language arts and ESL from the NECTAR Foundation. This session will demonstrate innovative new software and learning objects for elementary students. These resources are ideal as on-grade or intervention resources. They are appropriate for individual, small group, large group learning with interactive whiteboards.

Live Learning with Livescribe (TLLP Project)

Zoe Branigan-Pipe

Educator / Educateur

Hamilton-Wentworth District School Board

As recipients of the Ontario TLLP grant - facilitators will discuss and demonstrate the project goals and the benefits of the Livescribe pen in an education setting as a method to improve student learning through more effective documentation, feedback, sharing and collaboration. The Livescribe pen is a pen/paper application with a built-in microphone and digital paper that records what is written and what is said and can be put in video form once it is uploaded to promote collaboration and discussion about a specific topic. The session will describe how this tool can be used in the following areas:

- 1) On-Demand Teaching (pre-teaching, post-teaching, test reviews)
- 2) Progress Monitoring and Data Collection (running records, math tests, student writing)
- 3) Parent-Teacher Communication (ESL parents, notes to parents, information)
- 4) Assist Teachers, leaders and Administrators (note-taking, documentation, crisis-management, evaluation, Professional Learning)
- 5) In-Class Communication (Podcasting, Day Plans)
- 6) Differentiated Instruction for Special Education Students (audio format, watching skills multiple times, accommodation)

Come Play with Scratch!

Brenda Montgomery

Educator / Educateur

Selwyn House School

This hands on session will introduce you to Scratch! An exciting programming interface from M.I.T. for all ages, but designed particularly for upper Elementary and Middle School students. Ideally, participants may want to bring their own laptop with Scratch installed, but just coming to watch will be inspiring too!

Freshly Minted Software

Danuta Woloszynowicz and Doug Peterson

Educator / Educateur

SMCDSB / GECDSB

Find out about new software licensed by the Ontario Ministry of Education and see how it links to a variety of curriculum expectations. Come and view sample projects, and learn about rich online resources available to students and teachers as of September of this year.

Free Digital Tools to Reach Reluctant Writers

Joanne Kmiec

Educator / Educateur

Nipissing University

As students become more difficult to engage, the need for effective digital integration increases. In this session we will explore how to use virtual posters, visual essays and digital storytelling to engage reluctant learners. We will look at several free tools that you can use with your reluctant learners to get them writing. Some of the free tools we will explore include: Glogster, Prezi, Voicethread, WritingFun, BitStrips, and more.



Teacher Talk that Makes a Difference

Karen Hume

www.karenhume.ca

Socrates and his colleagues so fervently believed in the power of the group to advance thinking that they established principles of conversation that would maintain a sense of community. These principles were referred to as "Koinonia" which means "spirit of fellowship." In this session, we will look at four Koinonia - three from Socrates' time, and one I've added for the 21st century. And we will consider supports for teacher talk from post-it notes on the wall of the staffroom to tweets and discussion forums.

Bio

Karen Hume is a former teacher, administrator and Student Success Leader from the Durham District School Board. Karen writes and speaks about differentiated instruction, assessment for, as and of learning, evidence-based schools, and student and teacher engagement. Her professional books are published by Pearson Canada.

Karen's dynamic workshops combine theory and practice. Participants leave her sessions equipped with achievable, manageable actions that can be taken to increase the effectiveness of work at the classroom, school and district levels.

IWB 360 (Three Boards in 60 min)

Velitchka Apostolova Gilbert and Katina Papulkas

Educator / Educateur

Toronto District School Board

This session will be a demonstration of simple activities done on the SmartBoard, Promethean Board, and Mimio. The session will provide information on general similarities and differences between the three IWBs as well as hands-on experience using the three boards.

Engaging students in the principles of democracy

Suzanne Dupas

Educator / Educateur

CSCFSA

How can you organize your classroom environment that engages students in higher learning skills, encourages problem solving and accountability? Teachers will witness an authentic learning environment where one project respected student's individuality, learning styles and promoted self-assessment.

FabLab ModelMaker in the age of STEM

Olaf Trunzer

Vendor / Vendeur

The Knowledge Tree Inc.

The idea of STEM is sweeping the Science, Technology, Engineering and Math world of education all around the Globe and FabLab ModelMaker is in the thick of it. We will demonstrate how this powerful 3D modeling program seamlessly interfaces with the Silhouette ROBO cutter or the RapMan 3D printer. The STEM world is now coming to you.

Read & Write GOLD Helping Struggling Students Transition into the College

Douglas Rosette

Vendor / Vendeur

TextHelp

Having access to the right technology can help bridge that transition. Universally Designed software support tools, such as Read&Write GOLD, can help struggling students by giving them an edge in reading, writing, and studying. Attend this session to learn more about the features in Read&Write GOLD and how using this technology can help students go from struggling to successful.



The Network IS the Computer

David Thornburg

Thornburg Center

www.tcse-k12.org

In 1984, John Gage said, "The network is the computer," and the world was not ready for that message. Things are different today. This talk explores the changing face of educational computing and shows why only rich districts will use textbooks, while the poorer ones will only be able to provide every child with a powerful laptop computer instead. In other words, we are headed to a major transformation in curricular tools toward the increased use of powerful technologies under the control of the students themselves. This session explores both the 'why' and the 'how' of this transformation.

Ning: Harnessing the Power of Social Networking

Danika Barker

Educator / Educateur

Thames Valley District School Board

Discover how you can use Ning to create your own social network for your students. By validating the types of communication students use outside the classroom, you can motivate students to think deeply and collaborate effectively with students in their own classroom, or around the world--anywhere, anytime.

Teaching and Learning For Deep Understanding

Neil Stephenson

Educator / Educateur

Calgary Science School

The Calgary Science School (CSS) is currently in its fourth year of a 1:1 laptop program. During this time, we've learned many lessons about technology integration across all subjects. This session will review some of the findings from the research of our laptop program, and introduce the framework used by CSS to design strong inquiry-based work. This session will also share some of the promising practices from a variety of grades and subjects areas.

VOICETHREAD - Creating Conversational threads in the K-6 Classroom

Nita Shori and Melanie Mulcaster

Educator / Educateur

Peel District School Board

Voicethread is an excellent way to integrate twenty-first century technology into the curriculum. The presenters will share examples of what their students have been doing with Voicethread in a wide variety of subject areas. Creatively used, it is a great tool for discussions, podcasting, multiple intelligences and a fun-filled environment.

Don't be a Blob, Blog! Blogging in the Elementary Classroom

Jane Smith and Nathan Toft

Educator / Educateur

Ottawa Carleton District School Board

The class blog is an excellent way for students to have a forum for their writing and a place to showcase what is happening in your class. Increase communication between home and school. Learn what works and what doesn't and tricks and tips for getting started with your own class blog.

Twitter for Teachers

Kelly Moore

Educator / Educateur

Greater Essex County District School Board

It's remarkable what can be learned in 140 characters or less. Learn how to build a rich professional learning network on Twitter by tweaking your profile and connecting with educators worldwide. Look at ways to engage your students using Twitter in the classroom. Learn to make "tweeting" a valuable part of your professional practice.

Game On! Engaging Students with Interactive Classroom Games

Brian Hinds

Vendor / Vendeur

FTC Publishing, Inc.

Electrify your students with interactive games customized to your curriculum! Learn how to create several different games in a matter of minutes that will make learning any subject an interactive experience. Each attendee will receive a free game template just for attending!

Alternate Reality Gaming : Get in the game! Get in the fun!

Manon Bourgeois and Ghislaine Laurin

Vendor / Vendeur

Cognovi Inc.

Be part of a learning experience like you have never witnessed before! This is not your ordinary workshop. You will be participating in a game where reality and virtual worlds are meshed together to create a learning experience you will not soon forget. You will learn what alternate reality gaming is all about, what the benefits of play are and what are some examples of successful alternate reality games. We will design an alternate reality game which will take place on site and online, and will last the duration of the conference. Instead of taking a traditional lecture approach to the workshop, you will learn in a participatory way and without even knowing it!

Learning & Leadership in the Web 2.0 World

Lisa Neale

Educator / Educateur

HWDSB

Today, in a world where technology and Web 2.0 has created a truly global society, the focus is on learning together and leading each other. Web 2.0 creates systems and structures that encourage and promote the leader in us all. In addition, Web 2.0 opens up a new world of professional learning. Come learn, connect, share and discuss how you are or can be a leader and promote the leader in others each and every day in our web 2.0 world. Let's discuss how to use free tech tools to provide professional development that is cost effective, builds capacity in staff , and models the instructional practice we want to see in the classroom.

Teacher Inquiry as a Model for Professional Development

Tom Fullerton

Educator / Educateur

Simon Fraser University

By engaging teachers in inquiry, we invite them to reexamine how they are meeting the needs of all learners in their classroom. We problematize what they assume to be true and engage them in a critical cycle of action–reflection to deepen their understanding of and develop their practice. We invite them to participate in and help develop learning communities both face-to-face and virtual. Teachers research educational theories and philosophies to inform their use of technology in the classroom. They explore ways in which technology can be meaningfully integrated into their practice to support student learning. We ask them to evaluate and participate in new media interactions in education.

Designing for everyone: All learners Welcome

Jennifer Connelly and Leann Laframboise

Educator / Educateur

Sudbury Catholic Schools

Teaching in today's classrooms requires a teacher to be meeting the needs of a diverse group of learners. By planning with Universal Design, a teacher is already taking a giant first step. I will share project ideas from a variety of elementary grades as well as share exemplars.

Facilitating student learning through the use and integration of GIS technology

Iain Greensmith

Vendor / Vendeur

ESRI Canada

Attendees to this session will be exposed to the benefits of students using geographic information systems (GIS) as a tool to promote literacy and learning in the 21st classroom. A variety of resources will be highlighted as well as connections to the Ontario curriculum that will aid in the incorporation of GIS into the classroom.

Digital Citizens, Global Citizens

Katherine Walraven

Vendor / Vendeur

TakingITGlobal

This session provides an introduction to TakingITGlobal.org, the world's most popular online community for youth interested in building a more peaceful, inclusive and sustainable world, exploring how young people and educators alike are using the site's features to facilitate global understanding, inspire leadership, and bring about positive social change.



Off to a Good Start - Technology for Your Youngest Learners

Gail Lovely

www.LovelyLearning.com

Using technologies with beginning or not-yet-readers requires a critical eye and a select group of resources. This session will focus on using great technological tools and resources with your youngest learners. We'll explore resources as they relate to NETS Standards and also examine good implementation and management strategies. An emphasis on free tools will be kept throughout the session. Everyone will leave this session with new online resources, activities and teaching tools appropriate for learners from 4 to 8 years old. This may be appropriate for some teachers of older students with special needs as well.

How NOT to Hate Teaching the Recorder - Technology in Music

Nathan Toft and Jane Smith

Educator / Educateur

Ottawa Carleton District School Board

PortableRecorder.ca is a website designed to support teachers and students in learning to play the recorder. Using a karaoke approach to recorder instruction, students play along with videos and mp3s available online. Materials are designed to meet the needs of beginner to more advanced players. No music experience is required.

Professional Learning for the 21st Century

Deb Kitchener

Educator / Educateur

York University/YRDSB / Learning Connections/ABEL

Learn how you can connect with educators across Ontario through the Learning Connections community and explore how educators can take leadership within their school and district to best support the professional learning needs of their colleagues. Learning Connections (LC) is an online professional learning community for educators in K - 8 schools across Ontario. Funded by the Literacy & Numeracy Secretariat, our mandate is to support educators as they learn how to leverage the use of technology to impact upon student success across curriculum. We provide professional in many different formats to meet the needs of all learners.

Learning with Mobile Technology - iPod Touch in the Classroom

Susan Watt and Kim Gill

Educator / Educateur

WRDSB

In this session we will introduce the iPod Touch as a learning tool, share different types of allocation models used in the WRDSB pilot project, display samples of student work, and discuss curriculum connections.

Together for Learning, Supporting Teachers in the use of Technology

Roger Nevin and Cynthia Sargeant

Educator / Educateur

Kawartha Pine Ridge DSB

This practical presentation will demonstrate successful technologies (Google Apps, Bit Strips, Podcasting and digital photo-stories) and how these technologies can be shared in a culture of collaboration to support at-risk students. The presentation follows guidelines in the new document supported by the Ontario Ministry of education called Together for Learning.