

SESSION: 1A-2A

TITLE: Incorporating Technology into Project-Based Learning using Bloom's Taxonomy (Double - 2 hours)

PRESENTER: JoAnn Freeman, Beautiful Plains School Division

This session will focus on having students hit every level of Bloom's Taxonomy on their own while infusing their projects with different types of technology. Participants are encouraged to bring their own favourite types of presentation technology to share with the group; PowerPoint, Nearpod, iMovie, ChatterPix etc. Participants will also be using these different presentation types to model their own understanding during the session. This session will be hands on and interactive.

PREREQUISITES: A basic understanding of their own technology format

AUDIENCE: Middle Years, Senior Years

FOCUS AREA: General

SESSION: 1B-2B

TITLE: The Updated Literacy with ICT Continuum (Double - 2 hours)

PRESENTER: John Finch, Shannon Horne, John Evans, Manitoba Education and Training

Find out what has changed with the Literacy with ICT (LwICT) Across the Curriculum Continuum. Join us as we share the updated LwICT model and continuum and the new guidelines. Find out how the continuum has been refreshed from a K-8 focus to now encompass K-12 students and educators.

PREREQUISITES: none

AUDIENCE: Early Years, Middle Years, Senior Years, K-12, Administration, resource, librarian, counsellor, tech coordinators

FOCUS AREA:

SESSION: 1C-2C

TITLE: The Classroom Story Experiment (Double - 2 hours)

PRESENTER: Brent Schmidt, St. James-Assiniboia School Division

Engage your students with the Classroom Story! In this hands-on, collaborative session, participants will learn what a Classroom Story is, how it works, why it works, and what to do with all the writing it will produce. The Classroom Story is a hands-on, creative, and interactive instructional approach that: has no acronyms, makes writing fun, is closer to play than work, and must be experienced to be understood. The teacher acts as narrator (think Game Master) by creating a setting, inciting event, general plot, and any game elements. Students then engage with the the story by creating characters, and becoming authors, thinkers, collaborators, and creators. Students get opportunities to write, create, mess-up, try again, work together, and move around. The end result will be a shared experience that you could never plan totally and will produce work you could have never expected!

PREREQUISITES: Writing and Risk-taking

AUDIENCE: K-12

FOCUS AREA: All

SESSION: 1D-2D

TITLE: Engaging Students Using Event-anchored Learning Concepts (Double - 2 hours)

PRESENTER: Kerry Augustine, Canadian Cyber Defence Challenge

Event-anchored learning is an emerging strategy for engaging students. Student cybersecurity competitions, a rapidly growing form of event-learning, can be more like engagement on steroids.

Imagine, for example, that you are a cybersecurity professional whose company's network is being relentlessly attacked by some of the best hackers in the world. Participants in the Canadian Cyber Defense Challenge (CCDC) don't have to imagine this; for one day, they experience it intensely as members of student teams who try to manage and protect an existing network infrastructure from attacks by a volunteer "Red Team" of cybersecurity professionals who are also master hackers. The competition, which has been run since 2012 by the CCDC, an industry led volunteer organization focused on cyber security education, is a form of event-anchored learning which not only intensely engages participants through in-person events and virtualized qualifiers, but also enlivens curriculum and provides numerous opportunities to engage multiple stakeholder groups -- students, faculty, employers, spectators, and professionals in the field.

In terms of delivery mode, event-anchored learning is a form of blended delivery which typically combines a live, in-person focal event that 'anchors' numerous other activities that engage participants, generate greatly increased interest in learning, and even influences curriculum redesign. These numerous other activities can include guest speakers, job fairs, sponsor booths, field trips for K-12 students, networking with potential employers, even field research and data mining. These events also generate numerous on-campus activities to prepare for the competition events, including formation of cyber security clubs, virtualized practice sessions, collaborative knowledge creation with faculty and professionals, and curriculum redesign through the introduction of more practical, hands-on learning experiences.

This session introduces the concept of event-anchored learning through the CCDC Challenge Event as a strategy for engaging students. From this presentation, participants will learn:

- What event-anchored learning is and why it's important.
- How live in-person events can 'anchor' a wide variety of additional activities that engage participants, attract stakeholders, and add value to the entire process.
- How virtualized student competitions can improve access, increase student engagement, and enable scale.
- How in-person events can support the infusion of practical, hands-on learning activities and exercises into a curriculum.

The presentation will discuss and demonstrate several different types of student competitions, including the Canadian Cyber Defence Challenge (CCDC) as well as the Information Communication Technology Council (ICTC)'s National Cyber Security Education initiative called CyberTitan. The presentation will also discuss each of the above-listed topics and provide multimedia examples. The presenter will include slides and web links that can be accessed online by the participants.

The presentation will engage the audience through interactive question and answers, audience contribution, and brief video clips showing students engaged in cybersecurity competitions. The presentation will also present survey, anecdotal, and other research data which describe findings in terms of participant satisfaction, perception of learning, and self-assessment of impact.

PREREQUISITES: None

AUDIENCE: Middle Years, Senior Years

FOCUS AREA: Information, Communications and Technology

SESSION: 1E-2E

TITLE: What is New with G-Suite for Education (formerly Google Apps for Education) (Double - 2 hours)

PRESENTER: Phil Taylor, St. John's-Ravenscourt School

This hands on BYOD session will explore some of the new features found in G Suite for Education. Participants will be able to experience Google Classroom from a student's perspective, pick up some practical how to tips of using Classroom to develop a near paperless classroom, create a website with the New Google Sites (early adopter edition), and create formative assessment documents. Laptops recommended (necessary for the website creation component), but you can also try the session with a tablet or mobile (be sure to have pre-downloaded Google Docs, Google Forms, Sheets, and Google Classroom). You will be given temporary G Suite Edu accounts for this session. Google Chrome browser provides a few more tools that are not available in Firefox, Edge, or Safari.

PREREQUISITES: Familiar with web based tools

AUDIENCE: K-12

FOCUS AREA: This session will be most beneficial for teachers who are in a 1-to-1 environment, or will be in the near future.

SESSION: 1F-2F

TITLE: Making Student Thinking Visible (Double - 2 hours)

PRESENTER: Darren Kuropatwa, Hanover School Division

In this session we'll explore different lightweight ideas/activities you can implement in your classes tomorrow to leverage mobile (and stationary) technology to document student learning and foster reflective ways for students to share what they're learning. We won't just talk about them, we'll do them. Then we'll discuss how each of us might practically adapt these ideas in our own classrooms. Each practical activity will model ways in which the hard work involved is the thinking engendered in students while the technology is elegantly simple and easy to manage for teachers.

You'll need to know your username & password to install new apps.

Your device has to be able to send email using the native email app it came with.

Nice to have a laptop with you too.

PREREQUISITES: none

AUDIENCE: K-12

FOCUS AREA:

SESSION: 1G-2G

TITLE: An Inquiry into Digital Life Skills (a.k.a. Digital Citizenship) (Double - 2 hours)

PRESENTER: Sarah Harder, Hanover School Division

In this session, participants will embark on an inquiry on how we interact with various digital technologies in our everyday lives. Participants will be invited to think critically about how we are modelling the use of technologies both inside and outside the classroom. They will also be given the opportunity to create a digital citizenship awareness product (in the form of a short film, rant, graphic image, story...) to showcase learning through a range of digital tools. This inquiry can be used with students and resources will be provided for those who want to take and use them.

Participants should bring a device with them that has a QR Scanner app, such as i-nigma or QR Reader (both free), and headphones.

PREREQUISITES: No prerequisite skills needed.

AUDIENCE: Middle Years, Senior Years

FOCUS AREA: Inquiry and Digital Citizenship

SESSION: 1H**TITLE: Using Video to Enhance Your Coaching** (Single - 1 hour)**PRESENTER:** Darin Arnold, PLPSD

This session will cover the use of video to help enhance your coaching. Session will cover what devices can be used, what programs are out there (both free and paid) and how to use it an effective manner to improve the learning of your athletes. Please bring your own device.

PREREQUISITES: None**AUDIENCE:** K-12**FOCUS AREA:** General**SESSION: 1I****TITLE: Ditch That Textbook** (Single - 1 hour)**PRESENTER:** Eleanor Sampson, Prairie Spirit

Ditch That Textbook is about finding better ways to teach by using Different Innovative Tech-laden Creative Hands-on approaches. Pulling together your best lessons, ideas and activities and making them engaging for students and encouraging your students to be responsible for their own learning. Come and find out different practical ways to make this happen.

PREREQUISITES: None**AUDIENCE:** Middle Years, Senior Years**FOCUS AREA:****SESSION: 1K****TITLE: The Tech Toolbox for Teaching Language Courses** (Single - 1 hour)**PRESENTER:** Nora Heschuk, Beautiful Plains School Division

Build your tech toolbox for teaching language courses. Participants will be introduced to a variety of tried and true online resources and apps that are engaging for students and will help you to see and hear what they are really understanding and able to do. Although most examples will be from French classes, many of the sites and applications could be used for teaching and reinforcing language skills in a variety of areas. **Please bring your own device to try out some of the resources during the presentation.

PREREQUISITES: basic skills using a smartphone or tablet**AUDIENCE:** Middle Years, Senior Years**FOCUS AREA:****SESSION: 1L****TITLE: Journey 2050** (Single - 1 hour)**PRESENTER:** Kent Lewarne, Prairie Spirit SD

How are we going to feed nine billion people? Come and see how Journey 2050 helps answer that question in a fun, engaging, interactive online game! Great fit to Grade 10 Social Studies, Science and any Ag related courses. Bring a device if you can.

PREREQUISITES: None**AUDIENCE:** Senior Years**FOCUS AREA:** Social Studies and Science

SESSION: 1M**TITLE: Organizing my digital life** (Single - 1 hour)**PRESENTER:** Mike Thiessen, FLBSD

We will spend an hour exploring tools and tricks that we can use as professionals to keep our lives organized using the resources we currently have available to us as educators. Services that we will explore will include Google Suite for Education, Office 365, and Apple's iCloud.

PREREQUISITES: Bring your own device please!**AUDIENCE:** K-12, Administration**FOCUS AREA:****SESSION: 1N****TITLE: Special Needs Resources** (Single - 1 hour)**PRESENTER:** Albert Krynski, Portage School Division

A look at the variety of Special Needs Resources that are available online for teachers to use. A look at sensory APPS as well for the iPad.

PREREQUISITES: none**AUDIENCE:** K-12**FOCUS AREA:** Lifeskills**SESSION: 1P****TITLE: Professional Learning in 15 Minutes (or less)** (Single - 1 hour)**PRESENTER:** John Evans, Manitoba Education

This workshop will give participants an overview of professional learning strategies using a variety of easily accessible technology tools - Twitter, Facebook, Pinterest, Scoop.it, and Maple to name a few.

PREREQUISITES: none**AUDIENCE:** Early Years, Middle Years, Senior Years, K-12, Administration**FOCUS AREA:** ALL**SESSION: 2H****TITLE: Coding Through the Early Ages** ()**PRESENTER:** David Nutbean, PSSD

This session will look at the variety of coding tools and platforms that are appropriate for different ages. From Scratch to Kodu to Construct2 to Unity to Visual Studio, participants will get a hands-on look at tile based to script based coding environments.

PREREQUISITES:**AUDIENCE:****FOCUS AREA:****SESSION: 2I****TITLE: Digital Respect - Bigger Than You Think** (Single - 1 hour)**PRESENTER:** Reynold Redekopp, University of Manitoba

In this session we will look at broader aspects of digital respect - in terms of the larger world. We will examine questions such as

How do we pressure designers to make devices less disposable and more upgradable?

How do we show respect for the miners who deliver the raw materials for our devices?
What conditions do the factory workers work in?
How much do we let media and corporations decide how long it is before they have to replace our devices?
How much energy does a Google, Bing or Yahoo search really take?
What is the carbon footprint of a search?
How do we ensure that our devices get recycled properly when the time comes?
Our students are incredibly concerned, caring, capable people and they will be the ones to lead campaigns that show respect within their online communities and out to the world beyond. We need to be aware and make them aware.

PREREQUISITES: None

AUDIENCE: Early Years, Middle Years, Senior Years, K-12, Administration

FOCUS AREA:

SESSION: 2K

TITLE: **Creating in the Classroom** (Single - 1 hour)

PRESENTER: Leah Obach, Devon Caldwell, Park West School Division

Support young learners in using technology to create, rather than just "consume" technology. Engage learners in publishing books, filming videos, and coding characters with these ideas for creating in the early years classroom. Explore tools to share your students' work with a real audience and connect your classroom to the world.

PREREQUISITES: none

AUDIENCE: Early Years

FOCUS AREA: general - many subject area connections are possible with these activities

SESSION: 2L

TITLE: **Snaps, Insta Stories and More** (Single - 1 hour)

PRESENTER: Raman Job, MTS

A sharing session for users of Snapchat and Instagram Stories. Snapchat's reputation has evolved and so has its user base. In fact, it's grown so much that Instagram launched its own copycat feature. Both of these apps are great ways of telling stories - as well as engaging students and other audiences, and promoting your personal brand. Whether you want to dip your toes in or are already doing laps, come join us.

PREREQUISITES: Download and experiment with Snapchat and Instagram. Bring your own smartphone.

AUDIENCE: All teachers

FOCUS AREA: General

SESSION: 2M

TITLE: **Getting Students to Show What They Know** (Single - 1 hour)

PRESENTER: Darin Arnold, PLPSD

How can you get a student to show what they know? How can you capture a student's learning process when they don't have a voice? This session will cover some methods of using technology to empower students to share what they have learned. Participants are asked to bring a laptop or device. Grades K-12.

PREREQUISITES: None

AUDIENCE: K-12

FOCUS AREA: General

SESSION: 2N

TITLE: Science through Inquiry (Single - 1 hour)

PRESENTER: Bill Young, Louis Riel School Division

This session will examine the use of sensors in the science classroom. Participants will have an opportunity to examine a variety of sensors and determine how the sensors integrate with the different devices to allow for inquiry-based learning in the classroom. Teachers will become better acquainted with using datalogging technology and related software to meet Provincial curriculum goals. A number of different ideas specific to biology, chemistry and physics will be reviewed. This session focuses on the idea that inquiry-based learning is critical to students understanding of science, and that this can be enhanced through the technology of computers, tablets, engaging software and PASCO data collection sensors.

PREREQUISITES: none

AUDIENCE: K-12

FOCUS AREA: Science

SESSION: 2O

TITLE: Advantages of Etextbooks in the High School Classroom (Single - 1 hour)

PRESENTER: Charlotte Mason & Shannon Mulvey, Portage

Overview of the various ways to use E-textbooks in the classroom. Discussion will involve how to use e-textbooks to engage the wide range of abilities in your high school classroom.

PREREQUISITES: none

AUDIENCE: Middle Years, Senior Years

FOCUS AREA: Science / Math

SESSION: 2P

TITLE: 3D Printers in the Classroom (Single - 1 hour)

PRESENTER: David Citulsky,

PREREQUISITES:

AUDIENCE:

FOCUS AREA:

SESSION: 3A-4A

TITLE: Incorporating technology into Project Based Learning using Bloom's Taxonomy (Double - 2 hours)

PRESENTER: JoAnn Freeman, Beautiful Plains School Division

This session will focus on having students hit every level of Bloom's Taxonomy on their own while infusing their projects with different types of technology. Participants are encouraged to bring their own favourite types of presentation technology to share with the group; power point, Nearpod, Imovie, Chatterpix etc. Participants will also be using these different presentation types to model their own understanding during the session. This session will be hands on and interactive.

PREREQUISITES: A basic understanding of their own technology format

AUDIENCE: Middle Years, Senior Years

FOCUS AREA: General

SESSION: 3B-4B

TITLE: Blending with Blackboard: The Basics (Double - 2 hours)

PRESENTER: Shannon Horne & Denis Myers, Manitoba Education and Training

What is Blackboard Learn? What are Web-Based Courses? What is Blended Learning?

This session will fill you in on the basics of getting started with online and blended learning using Manitoba's provincial LMS, Blackboard Learn.

All are welcome!

PREREQUISITES: A Blackboard Learn account is recommended, but not necessary. Create a profile here to gain access: <https://web40.gov.mb.ca/wbcrequests>

AUDIENCE: K-12

FOCUS AREA:

SESSION: 3C-4C

TITLE: The Classroom Story Experiment (Double - 2 hours)

PRESENTER: Brent Schmidt, St.James-Assiniboia School Division

Engage your students with the Classroom Story! In this hands-on, collaborative session, participants will learn what a Classroom Story is, how it works, why it works, and what to do with all the writing it will produce. The Classroom Story is a hands-on, creative, and interactive instructional approach that: has no acronyms, makes writing fun, is closer to play than work, and must be experienced to be understood. The teacher acts as narrator (think Game Master) by creating a setting, inciting event, general plot, and any game elements. Students then engage with the the story by creating characters, and becoming authors, thinkers, collaborators, and creators. Students get opportunities to write, create, mess-up, try again, work together, and move around. The end result will be a shared experience that you could never plan totally and will produce work you could have never expected!

PREREQUISITES: Writing and Risk-taking

AUDIENCE: K-12

FOCUS AREA: All

SESSION: 3D-4D

TITLE: Engaging Students Using Event-anchored Learning Concepts (Double - 2 hours)

PRESENTER: Kerry Augustine, Canadian Cyber Defence Challenge

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participants through in-person events and virtualized qualifiers, but also enlivens curriculum and provides numerous opportunities to engage multiple stakeholder groups -- students, faculty, employers, spectators, and professionals in the field.

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PREREQUISITES: None

AUDIENCE: Middle Years, Senior Years

FOCUS AREA: Information, Communications and Technology

SESSION: 3E-4E

TITLE: What is New with G Suite for Education (formerly Google Apps for Education) (Double - 2 hours)

PRESENTER: Phil Taylor, St. John's-Ravenscourt School

This hands on BYOD session will explore some of the new features found in G Suite for Education. Participants will be able to experience Google Classroom from a student's perspective, pick up some practical how to tips of using Classroom to develop a near paperless classroom, create a website with the New Google Sites (early adopter edition), and create formative assessment documents. Laptops recommended (necessary for the website creation component), but you can also try the session with a tablet or mobile (be sure to have pre-downloaded Google Docs, Google Forms, Sheets, and Google

Classroom). You will be given temporary G Suite Edu accounts for this session. Google Chrome browser provides a few more tools that are not available in Firefox, Edge, or Safari.

PREREQUISITES: Familiar with web based tools

AUDIENCE: K-12

FOCUS AREA: This session will be most beneficial for teachers who are in a 1-to-1 environment, or will be in the near future.

SESSION: 3F-4F

TITLE: From Assigners to Designers (Double - 2 hours)

PRESENTER: Charmaine Mackid, Hanover School Division

Come learn how HyperDocs can empower you to create meaningful inquiry experiences for your students across the curriculum using G Suite Apps. Discover how to help your students take ownership of their learning, how to decrease the amount of "teaching from the front" time and increase the fostering of the 6 competencies of deep learning. We will be exploring and creating examples of this digital lesson design tool through an inquiry lens. Bring a Chromebook or a laptop with Chrome. Participants need a Google account. This workshop is geared towards grade 4-12 teachers, all subjects.

PREREQUISITES: Have familiarity with Google Drive and Google Docs

AUDIENCE: Middle Years, Senior Years

FOCUS AREA: General

SESSION: 3G-4G

TITLE: An Inquiry into Digital Life Skills (a.k.a. Digital Citizenship) (Double - 2 hours)

PRESENTER: Sarah Harder, Hanover School Division

In this session, participants will embark on an inquiry on how we interact with various digital technologies in our everyday lives. Participants will be invited to think critically about how we are modelling the use of technologies both inside and outside the classroom. They will also be given the opportunity to create a digital citizenship awareness product (in the form of a short film, rant, graphic image, story...) to showcase learning through a range of digital tools. This inquiry can be used with students and resources will be provided for those who want to take and use them.

Participants should bring a device with them that has a QR Scanner app, such as i-nigma or QR Reader (both free), and headphones.

PREREQUISITES: No prerequisite skills needed.

AUDIENCE: Middle Years, Senior Years

FOCUS AREA: Inquiry and Digital Citizenship

SESSION: 3H

TITLE: Coding Through the Middle Ages (Single)

PRESENTER: David Nutbean, PSSD

This session will look at the variety of coding tools and platforms that are appropriate for middle years students. From Code.org to Scratch to Kodu to participants will get a hands-on look at tile based coding environments with a lead-in to script based coding languages.

PREREQUISITES:

AUDIENCE:

FOCUS AREA:

SESSION: 3I**TITLE: Ditch That Textbook** (Single - 1 hour)**PRESENTER:** Eleanor Sampson, Prairie Spirit

Ditch That Textbook is about finding better ways to teach by using Different Innovative Tech-laden Creative Hands-on approaches. Pulling together your best lessons, ideas and activities and making them engaging for students and encouraging your students to be responsible for their own learning. Come and find out different practical ways to make this happen.

PREREQUISITES: None**AUDIENCE:** Middle Years, Senior Years**FOCUS AREA:****SESSION: 3J****TITLE: Copyright: Are you a Copyright Criminal?** (Single - 1 hour)**PRESENTER:** John Finch, Manitoba Education and Training

A discussion of the Fair Dealing Guidelines and their impact on teaching, both at the K-12 and Post-Secondary levels.

PREREQUISITES: None**AUDIENCE:** K-12, Administration**FOCUS AREA:****SESSION: 3K****TITLE: Hack Your Early Years Classroom: Developmentally Appropriate ICT Infusion for Our Youngest Learners** (Single - 1 hour)**PRESENTER:** Devon Caldwell, Leah Obach, Fort La Bosse/Park West

With the release of Manitoba's new kindergarten document, A Time for Learning, A Time for Joy, there is a great focus on developmentally appropriate, hands on, play-based learning in the early years. At the same time, there is also a need to develop important skills such as coding, collaboration, digital citizenship, and ICT literacy. Just how does today's teacher achieve this balance? Devon and Leah will share examples of developmentally appropriate early years learning experiences, then "hack" them with technology infusion that takes the learning to the next level. Participants will leave with an abundance of ideas, free tools, and "hacks" to try in their own early years programs.

PREREQUISITES: basic ICT skills**AUDIENCE:** Early Years**FOCUS AREA:****SESSION: 3L****TITLE: Snaps, Insta Stories and More** (Single - 1 hour)**PRESENTER:** Raman Job, MTS

A sharing session for users of Snapchat and Instagram Stories. Snapchat's reputation has evolved and so has its user base. In fact, it's grown so much that Instagram launched its own copycat feature. Both of these apps are great ways of telling stories - as well as engaging students and other audiences, and promoting your personal brand. Whether you want to dip your toes in or are already doing laps, come join us.

PREREQUISITES: Download and experiment with Snapchat and Instagram. Bring your own smartphone.**AUDIENCE:** All teachers

FOCUS AREA: General

SESSION: 3M

TITLE: Getting Students to Show What They Know (Single - 1 hour)

PRESENTER: Darin Arnold, PLPSD

How can you get a student to show what they know? How can you capture a student's learning process when they don't have a voice? This session will cover some methods of using technology to empower students to share what they have learned. Participants are asked to bring a laptop or device. Grades K-12.

PREREQUISITES: None

AUDIENCE: K-12

FOCUS AREA: General

SESSION: 3N

TITLE: Science through Inquiry (Single - 1 hour)

PRESENTER: Bill Young, Louis Riel School Division

This session will examine the use of sensors in the science classroom. Participants will have an opportunity to examine a variety of sensors and determine how the sensors integrate with the different devices to allow for inquiry-based learning in the classroom. Teachers will become better acquainted with using datalogging technology and related software to meet Provincial curriculum goals. A number of different ideas specific to biology, chemistry and physics will be reviewed. This session focuses on the idea that inquiry-based learning is critical to students understanding of science, and that this can be enhanced through the technology of computers, tablets, engaging software and PASCO data collection sensors.

PREREQUISITES: none

AUDIENCE: K-12

FOCUS AREA: Science

SESSION: 3O

TITLE: The New Literacy: Coding in Early Years Classrooms ()

PRESENTER: Sarah Ketsman and Teri Young, PSSD

Coding (often called programming) is telling a computer, app, phone, or website what you want it to do. To be literate in computer programming is a 21st Century necessity. It is the "new literacy" - a subject so important that every child needs to know the basics to excel in our rapidly changing world. Our students need the opportunity to learn computer science in schools. In this session you will learn a variety of ways to implement coding into your daily teachings in grades 1 to 8. Our focus will be on coding with and without technology, writing code and debugging, and the exploration and creation of computer programs.

PREREQUISITES: None

AUDIENCE: Early Years, Middle Years

FOCUS AREA:

SESSION: 3P

TITLE: 3D Printers in the Classroom (Single - 1 hour)

PRESENTER: David Citulsky,

PREREQUISITES:

AUDIENCE:

FOCUS AREA:

SESSION: 4H

TITLE: *Using Video to Enhance Your Coaching* (Single - 1 hour)

PRESENTER: Darin Arnold, PLPSD

This session will cover the use of video to help enhance your coaching. Session will cover what devices can be used, what programs are out there (both free and paid) and how to use it an effective manner to improve the learning of your athletes. Please bring your own device.

PREREQUISITES: None

AUDIENCE: K-12

FOCUS AREA: General

SESSION: 4I

TITLE: *Digital Respect - Bigger Than You Think* (Single - 1 hour)

PRESENTER: Reynold Redekopp, University of Manitoba

In this session we will look at broader aspects of digital respect - in terms of the larger world. We will examine questions such as

How do we pressure designers to make devices less disposable and more upgradable?

How do we show respect for the miners who deliver the raw materials for our devices?

What conditions do the factory workers work in?

How much do we let media and corporations decide how long it is before they have to replace our devices?

How much energy does a Google, Bing or Yahoo search really take?

What is the carbon footprint of a search?

How do we ensure that our devices get recycled properly when the time comes?

Our students are incredibly concerned, caring, capable people and they will be the ones to lead campaigns that show respect within their online communities and out to the world beyond. We need to be aware and make them aware.

PREREQUISITES: None

AUDIENCE: Early Years, Middle Years, Senior Years, K-12, Administration

FOCUS AREA:

SESSION: 4J

TITLE: *Copyright: Are you a Copyright Criminal?* (Single - 1 hour)

PRESENTER: John Finch, Manitoba Education and Training

A discussion of the Fair Dealing Guidelines and their impact on teaching, both at the K-12 and Post-Secondary levels.

PREREQUISITES: None

AUDIENCE: K-12, Administration

FOCUS AREA:

SESSION: 4K**TITLE: The Tech Toolbox for Teaching Language Courses** (Single - 1 hour)**PRESENTER:** Nora Heschuk, Beautiful Plains School Division

Build your tech toolbox for teaching language courses. Participants will be introduced to a variety of tried and true online resources and apps that are engaging for students and will help you to see and hear what they are really understanding and able to do. Although most examples will be from French classes, many of the sites and applications could be used for teaching and reinforcing language skills in a variety of areas. **Please bring your own device to try out some of the resources during the presentation.

PREREQUISITES: basic skills using a smartphone or tablet**AUDIENCE:** Middle Years, Senior Years**FOCUS AREA:****SESSION: 4L****TITLE: Journey 2050** (Single - 1 hour)**PRESENTER:** Kent Lewarne, Prairie Spirit SD

How are we going to feed nine billion people? Come and see how Journey 2050 helps answer that question in a fun, engaging, interactive online game! Great fit to Grade 10 Social Studies, Science and any Ag related courses. Bring a device if you can.

PREREQUISITES: None**AUDIENCE:** Senior Years**FOCUS AREA:** Social Studies and Science**SESSION: 4M****TITLE: Organizing my digital life** (Single - 1 hour)**PRESENTER:** Mike Thiessen, FLBSD

We will spend an hour exploring tools and tricks that we can use as professionals to keep our lives organized using the resources we currently have available to us as educators. Services that we will explore will include Google Suite for Education, Office 365, and Apple's iCloud.

PREREQUISITES: Bring your own device please!**AUDIENCE:** K-12, Administration**FOCUS AREA:****SESSION: 4N****TITLE: Special Needs Resources** (Single - 1 hour)**PRESENTER:** Albert Krynski, Portage School Division

A look at the variety of Special Needs Resources that are available online for teachers to use. A look at sensory APPS as well for the iPad.

PREREQUISITES: none**AUDIENCE:** K-12**FOCUS AREA:** Lifeskills**SESSION: 4O****TITLE: Advantages of Etextbooks in the High School Classroom** (Single - 1 hour)

PRESENTER: Charlotte Mason & Shannon Mulvey, Portage

Overview of the various ways to use E-textbooks in the classroom. Discussion will involve how to use e-textbooks to engage the wide range of abilities in your high school classroom.

PREREQUISITES: none

AUDIENCE: Middle Years, Senior Years

FOCUS AREA: Science / Math