

**Session ID: 266****Human Rights and Diversity: Straight Talk from a Gay Jock**

Mark Tewksbury

MACLEOD HALL ABCD

THURSDAY 8:45 - 10:00 AM

All Grade Levels

**Diversity/Learning Support**

In this candid talk, Mark draws on his personal experiences as someone who was once in the margins to someone who made the headlines and by doing so, broke down barriers for not just gay athletes, but for all those who feel unable to be their authentic selves in today's society. Speaking on the importance of human rights, diversity, and inclusion, Mark brings his hard-fought wisdom and insights to this important topic.

**Session ID: 265****Educating Students Who Have Different Kinds of Minds**

Temple Grandin

IMPERIAL 1/2/3/4/5/6/7/8/9

THURSDAY 8:45 - 10:00 AM

All Grade Levels

**Diversity/Learning Support**

To help people learn, you need to first realize people think differently. Different kinds of minds mean different problem solving skills. For example, restricting students to one path of achieving a goal, such as requiring a non-needed prerequisite for advanced courses, might set a very high boundary for people who think differently. As Dr. Grandin claims, learning should be building up things that people are good at.

Four different kind of minds will be discussed:

Photo Realistic Visual Thinker, also known as an Object Visualizer: Learners who are photo realistic thinkers are usually poor in reading.

Pattern thinker, also known as Spatial Visualizer: Learners might be strong in music and math but poor in reading.

Verbal Facts Language Translation: Learners might be poor at drawing.

Auditory Thinker: Learners' visual perception is fragmented.

There may also be mixtures of these thinking types.

As a visual thinker herself, Dr. Grandin focuses much her talk on visual thinking. Dr. Temple Grandin shares her personal story of growing up with the label of autism. The session will wrap up with Dr. Grandin's overall concerns about, and suggestions f

**Session ID: 260****The Innovator's Mindset**

George Couros

EXHIBITION HALL E

THURSDAY 8:45 - 10:00 AM

All Grade Levels

**Effective Teaching Practices**

Kids walk into schools full of wonder and questions. How you, as an educator, respond to students' natural curiosity can help further their own exploration and shape the way they learn today and in the future. The traditional system of education requires students to hold their questions and compliantly stick to the scheduled curriculum. But our job as educators is to provide new and better opportunities for our students. It's time to recognize that compliance doesn't foster innovation, encourage critical thinking, or inspire creativity--and those are the skills our students need to succeed. In The Innovator's Mindset, George Couros encourages teachers and administrators to empower their learners to wonder, to explore--and to become forward-thinking leaders. If we want innovative students, we need innovative educators. In other words, innovation begins with you. Ultimately, innovation is not about a skill set: it's about a mindset. The Innovator's Mindset is for you if: You are a superintendent, district administrator, or principal who wants to empower your staff to create a culture of innovation You are a school leader - at any level - and want to help students and educators become their personal best. You are a teacher who wants to create relevant learning experiences and help students develop the skills they need to be successful. You'll be inspired to: Connect with other innovative educators Support teachers and leaders as learners Tap into the strength of your learning community Create ongoing opportunities for innovation Seek more effective methods for measuring progress And, most importantly, embrace change and use it to do something amazing

George's presentations are known to be emotional, humorous, all while pushing your thinking, and will definitely connect to your heart first, in a way that will last with you long after this keynot

**Session ID: 36****(PRE-REG) Phase of Production: Planning, Constructing, Finishing and Evaluation High School Construction Projects**

Jason Krueger Kevin Crawford Kevin Crawford

OFF-SITE

THURSDAY 8:45 - 4:00 PM

Secondary

**CTS**

The session will run over two full days at Holy Trinity Academy in Okotoks. There is a \$20 participant fee. Please bring exact change to the first day.

This session will walk CTS teachers through the different phases of construction: planning, fabricating, finishing and evaluating. Participants will plan, build, finish and evaluate an actual construction project. This hands on session will introduce you to some computer drafting basics. It will walk you through the fabrication and assembly of a woodworking project. Basics of finishing will be explored. Finally, ideas will be shared regarding how projects can be evaluated. Delegates are responsible for their own transportation to and from the venue. At the end, teachers will have activities that they can bring back to their own classrooms on Monday.

Even though this session is geared towards the Construction CTS courses, other teachers will benefit from it as well. The

computer drafting programs can be used in other CTS courses as well as Core courses such as Math. Finishing information can be applicable to other Fine Arts courses. The evaluation discussions and handouts can be modified to be used in many different settings - a large focus is on incorporating student self-evaluation. As well, if you simply enjoy wood working and want an opportunity to improve upon your skills - this is the session for you.

Most of what we do will focus on the secondary CTS course offerings, but the information from this session can be easily modified for other high school courses as well as Junior High.

**Session ID: 206**

**(PRE-REG) Outdoor Council of Canada - Compass Module 8:00-4:30**

Ryan Lemphers Peter Oxtoby Peter Oxtoby

OFF-SITE

THURSDAY 8:45 - 4:00 PM

All Grade Levels

**Phys. Ed./Health**

This session will take place offsite at Longview School, Longview, Alberta (on Hwy 22 south of Black Diamond)

<https://www.google.ca/maps/place/Longview+School/@50.5306244,-114.2329935,17z/data=!4m2!3m1!1s0x5371b6fb0de76361:0x7d549a3ba7423c9c>

Students must be certified OCC Field Leaders in Good Standing (memberships paid)

Students will learn how to use a compass and map to take bearings in the field, calculate declination, find bearings from the map and do resections

In the afternoon we will be out in the field. Please dress for standing around in the cold. Lots of warm layers.

Our afternoon location is the Bull Creek Hills about 20km West of Longview on Highway 40. We can carpool from the school.

Time: 8:30am - 4:30 (Note that we will be done in the Bull Creek Hills at 4:30, so please plan your evening accordingly)

Gear:

Lunch,

Gear to stay warm,

compass with sighting mirror (must have),

Gem Trek Map Sheet for Highwood Pass and Cataract Creek (available at MEC, and outdoor stores)

Cost: \$20 - (cash or Cheque payable to Ryan Lemphers)

Manual: Please take the time to read the attached manual for the navigation module before the course.

**Session ID: 237**

**(PRE-REG) Experiential Education on Skis**

Scott Bailey

OFF-SITE

THURSDAY 8:45 - 4:00 PM

All Grade Levels

**Phys. Ed./Health**

The session will be hosted on-snow at Mount Norquay. Participants should be intermediate to advanced skiers who are comfortable making parallel turns on groomed blue and black runs. Participants will be responsible for organizing their own transportation, lift tickets and rental equipment (if required).

For physical and outdoor educators, this session will show how experiential education can be used to develop student autonomy and ownership for learning in a non-traditional learning environment. A top-certified Canadian Ski Instructors' Alliance (CSIA) trainer, who is also a permanent teacher with Rocky View Schools, will share the teaching methodologies being used to train today's professional ski instructors, sharing direct links to classroom practice in developing physical literacy and outdoor leadership. The Canadian Ski Instructors' Alliance certifies all alpine ski instructors in Canada. Over the last two years, the CSIA has revamped their teaching methodology incorporating the principles of experiential education. Drawing on resources from David Kolb, professional ski instructors are now trained to guide students through a student-centred model that involves: self reflection on a controlled experience, critical thinking with a mentor to confirm understanding of skills and movement patterns in relation to the biomechanical principles of skiing, and "active experimentation" to apply new movements in a variety of situations on the mountain. By sharing the research and methodology that is used in certifying ski instructors, physical and outdoor education teachers should gain insight into ways to bring experiential education into their own non-traditional environments (for instance, sliding sports, aquatic activities, hiking excursions, etc.).

This is not intended a certification session, but rather an introduction to the CSIA's role as the educational leader for instructors and coaches in the alpine skiing industry and an open discussion of implications for educators in all fields.

**Session ID: 267**

**Human Rights and Diversity: Straight Talk from a Gay Jock - REPEAT**

Mark Tewksbury

IMPERIAL 1/2/3/4/5/6/7/8/9

THURSDAY 10:15 - 11:30 AM

All Grade Levels

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**Educating Students Who Have Different Kinds of Minds - REPEAT**

Temple Grandin  
EXHIBITION HALL E  
THURSDAY 10:15 - 11:30 AM  
All Grade Levels

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### **Session ID: 261**

#### **The Innovator's Mindset - REPEAT**

George Couros  
MACLEOD HALL ABCD  
THURSDAY 10:15 - 11:30 AM  
All Grade Levels

### **Effective Teaching Practices**

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level - and want to help students and educators become their personal best. You are a teacher who wants to create relevant learning experiences and help students develop the skills they need to be successful. You'll be inspired to: Connect with other innovative educators Support teachers and leaders as learners Tap into the strength of your learning community Create ongoing opportunities for innovation Seek more effective methods for measuring progress And, most importantly, embrace change and use it to do something amazing.

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### **Session ID: 223**

#### **The 3 C's to Developing Dynamic Student Leaders Sooner**

Christina Kruis  
GLEN 208  
THURSDAY 11:45 - 1:00 PM  
Elementary

### **Student Leadership**

A common misnomer is that leadership skills are learned only as an elective in Senior High school. Christina Kruis believes it is our responsibility to catch our students at a younger age, before the self-confidence altering high school years, to help them develop their inner leader sooner. Join the discussion with Christina to learn how to boost your success in the classroom teaching Communication, Confidence and Commitment to Junior High students. Come prepared to have fun in this interactive, participatory session and be inspired to energize the young leaders in your school next week. Let your students lead your lessons. Overall unit plans, worksheets, assessment ideas and game templates will be shared.

### **Session ID: 131**

#### **Teaching Students About Authoritative Resources with the Online Reference Centre**

Jamie Davis  
TELUS 104  
THURSDAY 11:45 - 1:00 PM  
Elementary

### **Social Studies**

Does your student's research process begin and end with Google and Wikipedia? Do you want to teach them the difference between authoritative and non-authoritative sources but not sure where to start? Learn Alberta's Online Reference Centre (ORC) can help with that! The ORC is a \$1.75 million collection of curricular-aligned digital resources licensed on behalf of all K-12 staff, students and parents in Alberta. Join this session to learn about the engaging and authoritative resources available on the ORC that directly align with the grades 4-6 Alberta curriculum.

### **Session ID: 118**

#### **Literary Salon: The Art of Intentional Conversation**

Julianne Harvey  
MACLEOD HALL E4  
THURSDAY 11:45 - 1:00 PM  
All Grade Levels

### **Language Arts/English**

In this session, I will demonstrate the model I use for a literary salon. I begin by reading a short selection from one of my essays to set a warm tone of invitation and exploration. Then we break into small groups and pass bags around of open-ended discussion questions designed for authentic connection. At the heart of the salon is a search for meaning and drawing out broad themes in literature and life. It's about creating a safe space for vulnerable sharing.

**Session ID: 287**

**Alberta Moodle HUB**

Dirk Meyer Marcie Perdue Marcie Perdue

TELUS 101/102

THURSDAY 11:45 - 1:00 PM

All Grade Levels

**Technology**

The Alberta Moodle HUB has been providing peer support to Moodle teachers for over five years. It provides an ever growing list of Moodle courses that are shared amongst the community. This community enjoys the regular support of volunteer Moodle users from Alberta, British Columbia and Saskatchewan. This session will present an overview of its history and where we are going.

**Session ID: 4**

**Number Line Math Games**

Jane Felling

GLEN 206

THURSDAY 11:45 - 1:00 PM

Elementary

**Mathematics**

Number lines are great for teaching place value, rounding, and all operations. Many concepts are easily taught using number lines which are easy to find, inexpensive and versatile. Come prepared to play our favorite games for these concepts, learn ideas for journal writing extensions, and strategies for helping teach, re-teach and extend student's understanding. Gameboards, student samples will be shared. Ideas for regular and open number lines will be provided as well ideas for integrating cards and place value dice into the activities will be shown.

**Session ID: 44**

**"Blessed are the merciful" - exploring the biblical roots of mercy**

Stéphane Saulnier

TELUS 107

THURSDAY 11:45 - 1:00 PM

All Grade Levels

**Religion**

The virtue of Mercy has been brought back to the forefront of our considerations with the inception of the extraordinary jubilee year of mercy, promulgated by Pope Francis in 2015. In this session we will take a closer look at key biblical texts that form the foundation for the church's understanding of this cornerstone of the Christian faith. We will explore some possible applications in an educational setting of the biblical concept.

**Session ID: 37**

**Inspiring Awe and Wonder in children**

Garfield Gini-Newman Garfield Gini-Newman

TELUS 111

THURSDAY 11:45 - 1:00 PM

All Grade Levels

**Effective Teaching Practices**

Effective teaching does more than build knowledge and competence - it inspires children to wonder and instills a passion for learning. Many of us remember our own experiences of being inspired by an effective teacher to want to read more, travel to far off lands, engage in new experiences or take on new challenges. This session will focus on ways teachers can work within the curriculum to inspire passion for learning and create everyday opportunities for creative and innovation to flourish. The session will explore the concept of "Inspired Learning" through four principles that can help to excite and inspire children to want to learn. The session will weave together approaches to authentic learning, digitally enhanced learning, assessments that inspire and the effective use of popular culture as a powerful provocation. The practical nature of the session is sure to leave every participant with a new idea to try out in their classroom.

**Session ID: 300**

**Support for Administrators of French Immersion Programs**

Monique Gravel

GLEN 209

THURSDAY 11:45 - 1:00 PM

All Grade Levels

**Administration**

(Presented in English) Administrators new to the French immersion program and administrators who want to remain current in recent French immersion program development, literature, student exchanges and teacher professional development opportunities are welcome to attend this interactive workshop. In addition to the above, we'll identify issues and promising practices suggested in the revised Alberta Education resource Handbook for French Immersion Administrators (2010).

**Session ID: 100**

**(PRE-REG) Using Smart Notebook to Teach Elementary Music.....Even From a Cart**

Tashina Mackenzie

GLEN 203

THURSDAY 11:45 - 1:00 PM

Elementary

**Fine Arts-Music**

Learn how to use Smart Notebook to teach Elementary music both in the classroom and from a cart. Experience activities using notebook and learn first hand how to create your own. You will return to the classroom with notebook pages made by you.

Please bring your computer with Smart Notebook installed. Be sure it's charged as there won't be power cords available.

**Session ID: 238**

**What can a Diversity Equity Human Rights Committee Do?**

Paulette Morck Jamie Anderson Jamie Anderson

TELUS 103

THURSDAY 11:45 - 1:00 PM

All Grade Levels

**Issues in Education**

Come and find out the things that the Foothills Local has been doing to support LGBTQ and FNMI young people within our entire school division through our work with the DEHR committee.

GSA's

GSA rural network

Education

Resources

Workshops

Literacy

**Session ID: 162**

**Take Action! Teach Curriculum through Environmental Stewardship**

Jaclyn Angotti

GLEN 204

THURSDAY 11:45 - 1:00 PM

All Grade Levels

**Student Leadership**

CPAWS educators will demonstrate how to facilitate student-led environmental action projects where students tackle an environmental issue or problem. These projects can be as simple or as complex as you wish and they are often most successful when focused at the local community level, where the issue is most relevant to the students. Action projects meet knowledge outcomes, while developing critical thinking, problem solving and teamwork skills. You will leave this session with ideas and resources to bring stewardship alive in your classroom while meeting your curriculum objectives.

**Session ID: 75**

**Power 2B Me: New Nutrition Program for Grades 7-9**

Lee Finell

TELUS 106

THURSDAY 11:45 - 1:00 PM

Secondary

**CTS**

Power 2B Me is a free, exciting nutrition program for junior high health. Developed by registered dietitians, teachers and educational experts, it uses technology to engage students and minimize administration for teachers. An on-line food file, cooking challenges and videos maximize student engagement while meeting curriculum outcomes for health and life skills. All program components can be easily downloaded from Power2BMe.albertamilk.com. The program is free to teachers. Bring your own device and explore the program and register your class. All teachers who attend the session will receive a free teacher manual.

**Session ID: 120**

**Beyond the Visual Schedule - Strategies for Children with Learning & Behaviour Challenges**

Jennifer Jones David Stawn David Stawn

GLEN 202

THURSDAY 11:45 - 1:00 PM

Elementary

**Diversity/Learning Support**

Learning and behaviour challenges are the new norm of the 21st century classroom. In this session, we will demonstrate how structures and strategies that support all students can be adapted to meet the specific needs of individual students.

**Session ID: 247**

**Embedding Physical Literacy throughout the school day**

Heather Nusl Tasha Royer Tasha Royer

GLEN 201

THURSDAY 11:45 - 1:00 PM

Elementary

**Phys. Ed./Health**

Join us for ideas for how your school can make greater use of opportunities for quality physical activity throughout the school day. Rethink and reframe our delivery to help students internalize their learning and fall in love with being active.

**Session ID: 212**

**Preventing Teacher Burnout - how to care for you!**

Nicole Wiens Larisa Jeffares Larisa Jeffares

GLEN 210

THURSDAY 11:45 - 1:00 PM

All Grade Levels

**Wellness**

Learn strategies to prevent burnout and maintain your health in the hectic world of the classroom using a variety of holistic practices.

**Session ID: 183**

**Kindness in the Classroom**

Krista Warners Theresa McIsaac Theresa McIsaac

GLEN 205

THURSDAY 11:45 - 1:00 PM

Elementary

**Wellness**

Research shows that even very young children have innate tendencies to be kind and that the joy from being kind boosts levels of happiness. Even though kindness is an innate quality, it needs to be fostered, modelled and practiced. How can you foster kindness in your classroom? Join us to learn why kindness is important and how it can be supported through things such as teacher modelling and universal design for learning (safe spaces and classroom routines). We will provide resources, ideas, and lesson plans that can help you support your students (K-6). As well, we will provide an opportunity for you to share your own experiences, activities, lessons, websites, etc... that you have used to foster kindness.

**Session ID: 32**

**Meaningful Math Intervention through Automaticity Practice**

Ryan Fox

TELUS 105

THURSDAY 11:45 - 1:00 PM

Secondary

**Mathematics**

In this session I will present a research and evidence based math intervention program build and implemented at the secondary level. The goal of the program was to provide students who struggled with math basics and mental math

skills with flexible, targeted practice, in order to help them increase their success on curricular material. The program was built on a foundation of building automaticity with basic skills in order to reduce the cognitive load for students who teachers felt might be capable of success at a curricular level, but were struggling due to difficulties compounding through their years of math instruction.

The session will cover the research process, development of materials, format of the intervention process, a hands on trial of the intervention, and time to discuss options and challenges for implementation in classrooms and schools.

**Session ID: 201**

**AnimalTales: How to use stories to develop character**

Melissa Logan

MACLEOD HALL E2

THURSDAY 11:45 - 1:00 PM

Elementary

**Language Arts/English**

Literature can be a powerful tool to help students develop and shape their moral code. Come learn about the popular AnimalTales book program and how it can develop empathy, humane attitudes and positive relationships with animals, people and the earth we share. Tied to the Alberta Program of Studies, this interdisciplinary program provides students with skills in communication, critical thinking and problem solving while addressing many character-related topics such as bullying, relationships, family dynamics and grieving.

Come and read some humane themed books and learn how they can be used effectively in your classroom!

In this session we will:

- Examine how literature is an effective tool for developing a moral code.
- Explore the AnimalTales program, and how it can be used to inspire empathy and compassion
- Discuss how books can be tied into the Alberta Program of Studies
- Discuss how to select humane themed literature.

**Session ID: 67**

**Best of the Best: 2016's Most Engaging Books for Grades 7-12**

Lissa Davies Kelly Reierson Kelly Reierson, Karen Belter

MACLEOD HALL E3

THURSDAY 11:45 - 1:00 PM

Secondary

**Language Arts/English**

Building a culture of reading in grades 7-12 requires books that engage students, allowing them to see themselves and to escape into fiction that connects with them. Come and find the best books of 2016 for your teen readers, both avid library goers and reluctant readers. Get them begging for more as we present series openers, cliff-hanger and books that are just darn fun!

**Session ID: 64**

**Guy's Write! 9 Sure-Fire Ways to Excite Your Boys About Writing (and your girls too)**

diana cruchley

MACLEOD HALL E1

THURSDAY 11:45 - 1:00 PM

Elementary

**Language Arts/English**

Are your boys reluctant to write? Write the minimum? Are difficult to inspire?

Both boys and girls need 21st Century writing skills, but, the average GRADE 12 BOY still writes only as well as the average GRADE 8 GIRL.

Diana Cruchley presents 9 simple ways to TWEAK your writing program to make it fit more with how boys learn (and your girls will like it too). This practical workshop includes more than two dozen great ideas for writing that your boys will love – tomorrow. Use the 9 simple ways of thinking about topics, to always be able to alter a writing assignment “just enough” - enough to engage your boys (and girls).

**Session ID: 293**

**(PRE-REG) KAIROS Blanket Exercise 12:00 - 2:00**

Etienna Moostoos-Lafferty Annaliza Ponce Annaliza Ponce

TELUS 108/109

THURSDAY 11:45 - 2:30 PM

All Grade Levels

**Issues in Education**

The Blanket Exercise is a participatory workshop in which educators will experience over 500 years of history by taking on the roles of Indigenous peoples in Canada. Standing on blankets that represent the land, they will walk through time and explore the impacts of colonization, treaty-making, and modern legislation. The Blanket Exercise is concluded by a facilitated debriefing in which participants have the opportunity to discuss the experience as a group. By engaging participants on an emotional and intellectual level, this workshop is a powerful tool for increasing empathy and understanding and is an excellent first step towards educating for reconciliation.

**Session ID: 279**

**(PRE-REG) Drawing Workshop at the Calgary Zoo (12:15pm-4:15pm)**

Estelle Blair

OFF-SITE

THURSDAY 11:45 - 4:00 PM

All Grade Levels

**Fine Arts-Visual**

This session, at the Calgary Zoo, will begin at 12:15pm and conclude at 4:15pm. Pre-registered participants must bring the \$20 fee to the workshop. Delegates are responsible for their own transportation to and from The Zoo. The C-Train is recommended. Pre-registrants must show their ATA card (plastic, paper or digital versions are fine) to get through the Admissions Gate. For sessions starting at 9am, the "Penguin Plunge Cafe" will be open at 8:30 with coffee and snacks. Show your ATA card for a 10% discount. (Any pre-registrants who are guests or associates members will need to check in at the Convention Info Booth, prior to your session, to receive a yellow wristband, in lieu of an ATA card.)

The zoo is a great place to draw – animals, plants and unique environments are all here!

Whether you are just starting out or wanting to expand your drawing skills and confidence, join instructor Katherine Ylitalo for an engaging creative workshop in the classroom and on zoo grounds. Explore techniques, observation skills and composition using pencil, conte, soft pastel and marker. All levels welcome.

**Session ID: 175**

**Getting past "one day at a time": how beginning teachers can develop longevity**

Kimberley Grant

GLEN 205

THURSDAY 1:15 - 2:30 PM

All Grade Levels

**Issues in Education**

There is no shortage of advice for new teachers, and you may find yourself overwhelmed by it all. This session will help you to look past the first few years and encourage you to develop a long-term vision regarding your career. We will discuss both individual stories as well as current research on career stages and longevity to look at some important questions: why is new teacher attrition so high? what can you do now to develop your professional sustainability over the long run? what wisdom can we learn from those who have long and fruitful careers?

**Session ID: 166**

**(PRE-REG) Nutrition Boot Camp**

Jen Awde Amber Arnold Amber Arnold

IMPERIAL 3

THURSDAY 1:15 - 2:30 PM

Secondary

**CTS**

No guts, no glory in this session! This session incorporates activities designed to enhance nutrition knowledge for youth. You'll move around the room to a number of different stations – each designed for a specific nutrition activity. Get fired up for this session. Nutrition Boot Camp works your head so you'll be ready for anything life brings. Take home includes a facilitator's guide for having your school or class complete a Nutrition Boot Camp.

**Session ID: 69**

**Skills Canada Alberta- Trades & Technologies in the Classroom**

Becky Peterson

GLEN 203

THURSDAY 1:15 - 2:30 PM

Secondary

**CTS**

Skills Canada Alberta serves to reposition trade and technical careers as a first choice career option for youth in Alberta. Find out how educators and students (7-12) can benefit from our Junior High Skills Exploration Day, Provincial and National competitions, field trip and Try-A-Trade opportunities or Skills in the Classroom presentations that open student's minds to the career possibilities available to them when they think BIG!

**Session ID: 7**

**Demystifying Dice - Primary Math Games with All Kinds of Dice**

jane Felling

GLEN 206

THURSDAY 1:15 - 2:30 PM

Early Childhood

**Mathematics**

Come prepared to "rock and roll" with double dice, 10, 12, and 30 sided dice. Ideas for building number sense, place value, early operations and fact fluency, graphing, ordering and comparing numbers and more will be shared. Come discover the math potential sitting in dice and learn games, strategies and ideas for using them daily in your classroom. Journal masters, student samples and ideas for assessment will be shared.

Many primary teachers have access to all kinds of dice, but aren't sure how to use them to their potential; they are often sitting on the shelves. This workshop will help maximize the use of this type of manipulative.

**Session ID: 221**

**Building Spatial Algebra and Number Sense in Junior High Math (7-9)**

Rosalind Carson

TELUS 105

THURSDAY 1:15 - 2:30 PM

Secondary

**Mathematics**

This session will explore various hands-on activities that use spatial reasoning to better understand the operations of algebra. By using physical objects for visualizing number operations, algebra skills and number sense are developed. Students need the opportunity to create their own visual sense of the math operations and algebraic manipulations that are to be used with ease. By helping the student's develop their own spatial sense of the math concepts, the students will be able to better perform mathematical operations (numerical and algebraic). As mathematics is the gateway to STEM opportunities, it is important to find more ways to improve the spatial sense of students' thinking in order to improve number sense and algebra. Wood cubes and graph paper will be used. Please bring your graph paper and enthusiasm!

**Session ID: 309**

**Your Pension Matters**

Dana Adams

MACLEOD HALL E2

THURSDAY 1:15 - 2:30 PM

All Grade Levels

**Wellness**

A general overview of the Alberta Teachers' Retirement Fund (ATRF) pension will be presented. The session includes the following topics:  
the ATRF website and MyPension,  
the Annual Plan Member Statement,  
pensionable service and increasing your pension,  
pension eligibility, the options and the ATRF Advance,  
termination benefits, and  
steps to retirement.

**Session ID: 173**

## **Bringing the Community into the Classroom: Portfolio defenses for senior high English classrooms**

Al Friesen

TELUS 101/102

THURSDAY 1:15 - 2:30 PM

Secondary

### **Language Arts/English**

Students sometimes have difficulties in seeing the practical applications of writing. They understand that the written diploma is worth 15% of their mark, and they also understand that their teacher gets somewhat tetchy when they don't do their homework. But aside from that, why write?

One way to allow students to see the power of their writing is by inviting community members, parents, board members, and other stakeholders into the classroom for a portfolio defense. A portfolio defense is a structured meeting that facilitates a student's discussion of their writing with external examiners. (Now, how many ELA outcomes have we covered with that one sentence?) This process is scary for students, but when they come out the other side, they will realise the power of their writing and receive feedback from voices other than their English teacher.

This session will outline the rationale and process for setting up a portfolio defense for students' writing. Sample forms for panelists will be provided.

### **Session ID: 213**

#### **Reading Rainbows: Creating Safer Spaces and Allies with LGBTQ Histories and Stories**

Jamie Anderson

TELUS 103

THURSDAY 1:15 - 2:30 PM

All Grade Levels

### **Issues in Education**

"When children cannot find themselves reflected in the books they read, or when the images they see are distorted, negative, or laughable, they learn a powerful lesson about how they are devalued in the society of which they are a part" - Rudine Sims Bishop

Rudine Sims Bishop advocates for literature in our classroom that offers students both mirrors: where students can see themselves in the stories they hear and read, and windows: where students can build empathy by exploring different lives, identities, and narratives through stories from world views and perspectives outside of their own. In this session, you will explore how Bishop's ideas can be applied to histories and stories that share LGBTQ and Two-Spirit perspectives and experiences and how these windows and mirrors can help create safer spaces in our classrooms.

Since the passing of the controversial Bill 44 that amended the Alberta Human Rights act to allow parents to exempt their children from instruction or instructional materials that deal primarily and explicitly with religion, sexuality, or sexual orientation, many teachers have been struggling with how to support LGBTQ youth within their schools and classrooms while navigating this legislation. Many teachers think, "What is appropriate for me to say or share? Is this current events issue off limits because it involves LGBTQ rights? Will I lose

my job if I do or say the wrong thing?" At the same time, LGBTQ children and youth in our classroom are suffering from the lack of representation in the histories and stories that they interact with daily in our classrooms. Not all powers of invisibility are good powers and children and youth won't view LGBTQ identities as "normal" unless these identities and perspectives are normalized and fairly represented. This presentation will assist you in navigating Section 11.1 of the Alberta Human Rights Act so that you can purposefully incorporate LGBTQ histories and stories in your classroom.

Together, we will explore inclusive literature at all grade levels, tools to navigate questions and discussions with these resources, curriculum resources and connections (all grade levels), and a guide that you can use to ensure that your classroom literature is inclusive.

Join us as we read...in RAINBOWS!

### **Session ID: 255**

#### **(PRE-REG) Collaborative Creativity & Design Thinking**

Anisa Khan

GLEN 201

THURSDAY 1:15 - 2:30 PM

All Grade Levels

### **Fine Arts-Visual**

How might we design personalized experiences for students that support them as critical thinkers, designers, and contributors to their communities? This session will explore ways to instill a creative culture in your classroom through design thinking, the creative process, and collective knowledge building. Inspire your students' creativity, learning, and literacy.

Registrants, please bring \$5 (participant fee) to cover the cost of art and science materials that will be used during this session.

### **Session ID: 70**

#### **Learning with iBooks Author: A tool for content delivery, content curation, and content creation**

Dan New Steve Clark Steve Clark

TELUS 106

THURSDAY 1:15 - 2:30 PM

All Grade Levels

### **Technology**

In this session participants will be given an introduction to the many uses of iBooks Author. The session will identify how the Apple iBooks author tool can be utilized in a variety of curricular settings and for multiple curricular purposes. Participants will identify and discuss examples of how iBooks has been used as a content delivery device, content curation device, and content creation device for students from classrooms from K to 12. Examples will be presented and discussed in the areas of mathematics, humanities, sciences, and the CTF/CTS strands. Participants will leave the session with an introductory knowledge of iBooks author, and be ready to create their own iBook for their classroom.

### **Session ID: 253**

#### **The Dark Passages of Scripture: Is God a Moral Monster?**

Tomas Rochford  
TELUS 107  
THURSDAY 1:15 - 2:30 PM  
All Grade Levels

### **Religion**

Christians today are often challenged by secular peers and the mainstream media to justify their belief in the God of Sacred Scripture. Dark passages of the Bible, especially found in the Old Testament seem, for some, to describe a malevolent, selfish and hateful sort of deity; one who has little concern for human suffering and death. Knowing that God is both Infinite Love and Perfect Goodness, this session attempts to help Christian teachers better understand how to understand the reality of God and the problem of evil, especially in relation to the words of Holy Scripture, so that they may be more effective Christian teachers.

### **Session ID: 179**

#### **Introducing the all NEW Alberta Tomorrow Citizen Science App: Making data collection and GIS simulations simpler and more meaningful for your Science, Bio, CTS and Social Studies Inquiry Projects!**

Jennifer Janzen Kara Vincent Kara Vincent  
MACLEOD HALL C  
THURSDAY 1:15 - 2:30 PM  
All Grade Levels

### **Science**

See how you can make your classes more engaging and meaningful using the all NEW Alberta Tomorrow App. Hear examples of how other teachers have used this tool. The FREE app uses cutting edge GIS technology to explore the delicate balance between using and protecting our environment. FREE SOFTWARE, LESSON PLANS and FIELD STUDIES for covering the NEW Curricular Competencies in Biology, Science, CTS and Social Studies Gr 4-11.

### **Session ID: 250**

#### **Dr. Ross Greene's Collaborative and Proactive Solutions (CPS): Basics 101**

Laurie Johnston  
MACLEOD HALL B  
THURSDAY 1:15 - 2:30 PM  
All Grade Levels

### **Diversity/Learning Support**

This session will be an introduction to the highly successful model of working with behaviorally challenging students. The model will be outlined; in particular, we will learn how to our shift our lenses to ensure that these students can begin building success. Research is providing evidence that this is one of the few methods that is actually improving their skill development to be able to meet the demands in their environments. Overall, CPS is an effective tool to meet the needs of all learners, including building relationships with adults.

### **Session ID: 184**

#### **(PRE-REG) Break-it-Out Curriculum Challenge**

Glenn Gibson Alberta Smallwood Alberta Smallwood  
GLEN 210  
THURSDAY 1:15 - 2:30 PM  
All Grade Levels

### **Effective Teaching Practices**

In the middle of a room sits a locked box - only a locked box. Do you touch it? Do you question what is in it? You don't know, but if you do not solve the hidden clues the fate of your whole class will be doomed or cookies gone uneaten.

Breakout EDU is a challenge based game designed by the teacher to emulate a breakout room experience. It is adaptable for any classroom, for any grade and suitable for small to large groups. Challenges could be based in math, science, logic or trivia. In this session, participants will participate in a BreakoutEDU challenge, have an opportunity to view existing challenges and maybe get started building their own curricular based learning experiences. Come with your wits intact and your imagination ready to think outside the box, to get inside the box.

### **Session ID: 195**

#### **"Cyberbullying, An Emerging Threat to the 'Always On' Generation"**

Bill Belsey  
EXHIBITION HALL E  
THURSDAY 1:15 - 2:30 PM  
All Grade Levels

### **Issues in Education**

This thought-provoking and engaging multimedia presentation offers a formal definition of cyberbullying, an overview of the various forms that cyberbullying can take, insights into why some young people engage in this behaviour, an overview as to what current research is telling us about cyberbullying, information about how cyberbullying might be prevented, as well as suggestions as to the roles that students, parents, educators, government and the private sector should play in addressing this emerging issue.

Presenter Bill Belsey is uniquely qualified to address this issue. He is a parent of teenagers, a multiple award-winning educator and pioneer in the use of ICT in teaching and learning, President of Bullying.org Canada, creator of [www.bullying.org](http://www.bullying.org), the world's most visited and referenced Website about bullying, founder of Canada's annual National Bullying Awareness Week [www.bullyingawarenessweek.org](http://www.bullyingawarenessweek.org), creator of [www.bullyingcourse.com](http://www.bullyingcourse.com) -Canada's first online courses and Webinars about bullying and cyberbullying and [www.cyberbullying.ca](http://www.cyberbullying.ca) -the world's first Website about cyberbullying. He is widely cited as the first person to introduce and define the term cyberbullying.

### **Session ID: 187**

#### **Communication en mathématiques**

Alice Prophète  
GLEN 209  
THURSDAY 1:15 - 2:30 PM  
Elementary

### **French Immersion**

La communication, un des processus mathématiques, est cruciale dans la compréhension conceptuelle des mathématiques. Dans la classe des mathématiques, les élèves peuvent verbaliser leur savoir mathématique de manière autonome et conséquemment, co-construire leur savoir mathématique vis-à-vis leur vécu quotidien. L'utilisation du

discours dialogique en salle de classe est une approche inclusive qui est cruciale pour les élèves en immersion qui doivent verbaliser leur processus cognitif mathématique dans leur langue seconde. L'atelier vise à démontrer des stratégies d'enseignement sur l'échafaudage du discours dialogique, lesquelles permettent aux enseignants d'immersion en particulier d'outiller leurs élèves en vue de soutenir un discours mathématique dans la langue cible. Les participants auront la chance de visionner des capsules vidéo montrant des élèves qui utilisent le discours dialogique, co- construisant leur savoir dans la langue cible.

**Session ID: 66**

**Best of the Best: 2016's Most Engaging Books for K-6**

Lissa Davies Kelly Reiersen Kelly Reierson, Karen Belter  
MACLEOD HALL E3

THURSDAY 1:15 - 2:30 PM

Elementary

**Language Arts/English**

Find out about new books you can use to engage and excite your students and build a love of reading within your school and classroom culture. Read and reviewed by experienced teacher librarians and library staff, we present the best of the best books of 2016. We will let you know the best books for read alouds, reluctant readers, genre buffs and more. Connections will be made to curricular and literary outcomes. Come to see what's new and leave with a list of books for your students and you!

**Session ID: 20**

**10 Games that are not dodgeball. (4-9)**

Shannon Fox Kendra Harper Kendra Harper  
IMPERIAL 4/6

THURSDAY 1:15 - 2:30 PM

All Grade Levels

**Phys. Ed./Health**

Come to this ACTIVE session to participate in 10 games that are fun, easy to learn and easy to set up! Move away from dodgeball with games that teach fundamental movement skills and keep your class moving. Bring athletic wear, a water bottle and energy- leave with a lesson plan for Monday morning.

**Session ID: 132**

**Flexible Access to Curricular-Aligned, Authoritative Resources for Secondary Humanities**

Jamie Davis

TELUS 104

THURSDAY 1:15 - 2:30 PM

Secondary

**Social Studies**

Learn Alberta's Online Reference Centre (ORC) provides flexible access to curricular-aligned, authoritative digital resources 24/7/365. This \$1.75 million resource collection is licensed on behalf of all K-12 staff, students and parents learning/teaching/supporting the Alberta curriculum. Accessible from anywhere with an Internet connection regardless of your location, student population, or budget, ORC resources provide superior support for Alberta students and staff. Join this session to learn about the resources supporting Grades 7-12 English Language Arts and Social Studies.

**Session ID: 117**

**Non-Fiction Writing Workshop**

Julianne Harvey

MACLEOD HALL E4

THURSDAY 1:15 - 2:30 PM

All Grade Levels

**Language Arts/English**

This session is geared toward non-fiction writing in a variety of forms. We cover opinion-based writing such as movie, book or theatre reviews as well as research-based articles and how to interview subjects. Memoir, narrative non-fiction and personal response essays are also discussed. Delegates engage in a variety of exercises to practice these non-fiction writing skills and take a few fresh ideas back into their classrooms.

**Session ID: 262**

**Leading Innovative Teaching and Learning**

George Couros

MACLEOD HALL A

THURSDAY 1:15 - 2:30 PM

All Grade Levels

**Administration**

Although schools are moving forward, change is always something that many struggle with. Focusing on an innovator's mindset and our "why", this workshop is meant for leaders to help others within their organization not only accept change, but embrace it, to create better powerful learning opportunities for our learners. It is not focused on the "how to" of technology, but is more focused on the conversations that will help staff move forward in a way that they will be excited yet feel supported in their journey.

**Session ID: 290**

**Making the Most of the first years of Band**

Verna Ahner

IMPERIAL 5

THURSDAY 1:15 - 2:30 PM

Secondary

**Fine Arts-Music**

The first two years of instrumental music instruction determine the future of a music student. It is important as a music educator to give them the best start possible and inspire them to continue in music.

**Session ID: 228**

**Using Daily Physical Activity (DPA) to Support School-Wide Wellness**

Ever Active Schools Ever Active Schools

IMPERIAL 8

THURSDAY 1:15 - 2:30 PM

All Grade Levels

**Phys. Ed./Health**

With only nine per cent of boys and girls meeting the required 60 minutes of physical activity per day, as well as limited time and space for movement, teachers need to get creative in the delivery of physical activity. In this workshop, participants will be introduced to activities that use inexpensive materials to implement daily physical activities with maximum results. We will explore the role that physical literacy plays and how to best blend physical activity with

learning to support health and academic outcomes. Be prepared to have some fun and walk away with ideas to implement Monday morning!

**Session ID: 73**

**Making the Play Come to Life**

Rob Burton

IMPERIAL 1

THURSDAY 1:15 - 2:30 PM

All Grade Levels

**Fine Arts-Performing**

Putting on a production for the first time from the ground up can be a daunting endeavor. This session will look at a sequential process that can be used from Elementary to High School, Breaking down the schedule into manageable tasks and alleviating the stress. It will include templates for rehearsal planning, theater production work flow charts and a first hand account of the "how tos" of directing, producing, tech theater and front of house.

**Session ID: 30**

**Unsocial Media; Virtual World Causing Real World**

**Anxiety**

Wade Sorochan

MACLEOD HALL D

THURSDAY 1:15 - 2:30 PM

All Grade Levels

**Wellness**

An informative and humorous presentation on the rise of Social Media Addiction causing an anxiety induced fixation for "LIKES" and "COMMENTS." Learn how social media can cause feelings of sadness, loneliness, envy, resentment, low self-esteem, anxiety and depression. Wade Sorochan shares the latest information on the effects of social media on mental health. Wade Sorochan is the author of the new ground breaking book on the subject entitled UNSOCIAL MEDIA; Virtual World Causing Real World Anxiety.

**Session ID: 163**

**Schoolyard Hikes – Environmental education right outside your door**

Jaclyn Angotti

GLEN 204

THURSDAY 1:15 - 2:30 PM

All Grade Levels

**Effective Teaching Practices**

Reinvigorate your curriculum by bringing nature into your classroom and your classroom into nature. CPAWS educators will demonstrate nature-based learning that you can do with your students anywhere, anytime, regardless of your school situation. You will participate in fun, curriculum-linked activities that you can immediately replicate with your students. Leave this session with activities and resources that will excite your students about nature and empower them to engage in stewardship of the environment.

**Session ID: 10**

**Learn Performance (The M2 Sport Performance Workshop)**

Marty Hansen Kari Hill

IMPERIAL 9

THURSDAY 1:15 - 2:30 PM

All Grade Levels

**Wellness**

The free flowing mind that applies skill in any situation is Performance. It is our ability to be present in desired outcomes unencumbered.

Performance qualities are based in improving concentration, understanding intuition and creating through imagination wherein all of these have levels of competency to focus attention and effort.

This session focuses on:

- § Creating clearer intentions using imagination and intuition;
- § Deeper understanding of perception and focus of attention through meditation, breathing and physical movement exercises;
- § Sources of aversion and elation, how these behaviours function and how they affect a free flowing mind.

The M-2 Sport Learn Performance Workshop delivers a deeper appreciation of how you learn and perform skills.

The Outcomes

- § Create learning and performance qualities of mind in time;
- § Clearer perception, confidence and personal understanding;
- § Improved motivation and movement;
- § Precise focus and thinking processes;
- § Increased consciousness

**Session ID: 79**

**Unwrapping the Gift: Understanding and Embracing the Gifted Learner**

Krystal Abrahamowicz

GLEN 208

THURSDAY 1:15 - 2:30 PM

All Grade Levels

**Diversity/Learning Support**

Who are gifted learners? They come to us with a multitude of profiles from the underground to the outspoken, and there is a complex choreography of steps involved in meeting their needs. The potential for learning barriers including perfectionism, underachievement, overexcitabilities, or multiple exceptionalities further complicate our work as educators.

In this session we will explore the many ways in which giftedness presents itself in the school setting. Participants will walk away empowered to provide a qualitatively differentiated experience for these learners that honour their social, emotional, and programming needs.

**Session ID: 314**

**(PRE-REG) Environmental Inquiry: It's a Walk in the Park (1:00-4:00)**

Andrea Barnes Roland Kirzinger Roland Kirzinger

OFF-SITE

THURSDAY 1:15 - 4:00 PM

Elementary

**Science**

Take a walk in the Park and ignite your fire for Environmental Inquiry with Alberta Park's Environmental Education specialists. Get outside and explore Fish Creek

Provincial Park with us during this half day session. Discover how you can use Alberta Parks as Authentic Learning Landscapes while working through an inquiry-based learning model. We will profile approaches to inspire learning, how you can generate BIG questions in Parks, build knowledge, and create opportunities to develop tangible and meaningful stewardship initiatives. Come dressed for the weather as our aim is be outdoors for the entire session. Meeting place is at the Fish Creek Environmental Learning Centre.

**Session ID: 119**

**Writing ... Not that again! Engaging Our Reluctant Writers in Authentic Writing Tasks**

Jennifer Jones David Stawn David Stawn

GLEN 202

THURSDAY 1:15 - 4:00 PM

Elementary

**Language Arts/English**

Inspiring reluctant to write is always a puzzle, this session will provide you with a variety of classroom-tested activities that take students from isolated writing tasks to a purposeful, pleasurable, and satisfying language experience. All projects will be easy to do and require a minimum of special materials. You will leave our session with a great list of new literature, and project ideas that you can use in your classroom come Monday morning!

**Session ID: 312**

**(PRE-REG)Studio Bell - National Music Centre: Half Day Scavenger Hunt Experience (\$15)**

Marcy Belva

OFF-SITE

THURSDAY 1:15 - 4:00 PM

All Grade Levels

**Fine Arts-Music**

Teachers can come and experience our Gamified Quest in the galleries; the same experience we offer to students.

Groups of teachers will hunt for clues, complete activities or view demonstrations in order to collect trading cards related to our collection, music, and other curriculum points.

This session will occur between 1:15 pm and 4:00 pm on Thursday, February 23. Teachers must be there from the beginning of the program to participate. Please bring the \$15 participant fee to the session.

This program is cross-curricular.

**Session ID: 38**

**Beyond Inquiry: Creating opportunities for deep learning through sustained inquiry**

Garfield Gini-Newman Garfield Gini-Newman

TELUS 111

THURSDAY 1:15 - 4:00 PM

All Grade Levels

**Effective Teaching Practices**

The advent of the digital age has rendered the stand and deliver model of teaching obsolete. Inquiry is widely being embraced as the preferred alternative in the 21st century classroom. Yet, inquiry has not led to the depth of

understanding required by students for success in an increasingly complex world. Perhaps unstructured inquiry is not the panacea we hoped for. In this session participants will explore a sustained inquiry approach that fuses the best of inquiry, design-down planning and instruction focused on building the intellectual tools needed for deep learning. Working from an over-arching challenging and an engaging provocation, students explore issues and ideas as they work towards innovative solution and responses to authentic challenges. The "Cascading challenges" approach to planning allows for student voice and choice while ensuring the essential understandings required by the curriculum are addressed. Participants will explore ways they can modify existing materials so that students engage in focused and meaningful inquiry while developing the competencies they will serve them well throughout their lives.

**Session ID: 114**

**(PRE-REG) Utilizing Vernier Probeware and sensors in the High School Science, Chemistry and Physics**

**Classroom**

Allen Stretton

TELUS 110

THURSDAY 1:15 - 4:00 PM

Secondary

**Science**

In this session you'll see demonstrations, sample labs and get hands-on experience with the Vernier award-winning line of computer and handheld data-acquisition technology. Mr. Stretton will provide guidance and inspiration as you explore and are exposed to classroom-ready labs and activities.

**Session ID: 280**

**(PRE-REG) Destination Africa Tour and Journalling Workshop at the Calgary Zoo (1:15-4:15)**

Estelle Blair Andrea Beaty

OFF-SITE

THURSDAY 1:15 - 4:00 PM

All Grade Levels

**Language Arts/English**

This session, at the Calgary Zoo, will begin at 1:15pm and conclude at 4:15pm. Delegates are responsible for their own transportation to and from The Zoo. The C-Train is recommended. Pre-registrants must show their ATA card (plastic, paper or digital versions are fine) to get through the Admissions Gate. For sessions starting at 9am, the "Penguin Plunge Cafe" will be open at 8:30 with coffee and snacks. Show your ATA card for a 10% discount. (Any pre-registrants who are guests or associates members will need to check in at the Convention Info Booth, prior to your session, to receive a yellow wristband, in lieu of an ATA card.)

Tour: This is a relaxing and educational guided tour of the Zoo with one of our Education team members. It is a great way to get the most up to date and "insider" information about zoo plants and animals.

Destination Africa (indoors)– a great tour in winter! Tour our giraffes, hippos, red river hogs, rock hyrax, gorillas, columbus monkeys, mandrills, and African rainforest bats and birds.

Journalling: This workshop will demonstrate strategies and techniques that combine art with scientific inquiry and open the doorway for descriptive writing. Suitable for students in grades 1-6. Be prepared to have fun, and discover your inner artist!

**Session ID: 294**  
**(PRE-REG) KAIROS Blanket Exercise (Repeat) - 2:00 - 4:00**

Crystal Clark Alison Turner Alison Turner  
TELUS 108/109  
THURSDAY 1:15 - 4:00 PM  
All Grade Levels

**Issues in Education**

The Blanket Exercise is a participatory workshop in which educators will experience over 500 years of history by taking on the roles of Indigenous peoples in Canada. Standing on blankets that represent the land, they will walk through time and explore the impacts of colonization, treaty-making, and modern legislation. The Blanket Exercise is concluded by a facilitated debriefing in which participants have the opportunity to discuss the experience as a group. By engaging participants on an emotional and intellectual level, this workshop is a powerful tool for increasing empathy and understanding and is an excellent first step towards educating for reconciliation.

**Session ID: 65**  
**Braveheart Writers: 10 Secrets to Quality Writing**

Diana Cruchley  
MACLEOD HALL E1  
THURSDAY 1:15 - 4:00 PM  
Elementary

**Language Arts/English**

Inspire students with The Author's Club strategy to improve the quality of their writing.. Then develop your own Braveheart Writers - grade 4-9 students who are champing at the bit to write because their personal writing kit is loaded with 10 simple "secrets" to apply to their writing. "The pen is mightier than the sword, and it's a lot easier to write with a pen." These "secrets" can be used all their lives to produce impressive quality writing.

**Session ID: 207**  
**Dissection: Current trends and alternatives**

Melissa Logan  
TELUS 103  
THURSDAY 2:45 - 4:00 PM  
Secondary

**Science**

Dissection is common practice in Alberta high school science classes but is it really necessary? In this session we will discuss the pedagogical merit of animal and non-animal teaching methods along with the ethical considerations for common species used in dissection. We will look at current animal use trends in post-secondary institutes, including uses in teaching, testing and research. Finally we will explore alternatives and discuss student opt-in policies used by some Canadian school districts.

**Session ID: 219**  
**Increasing Algebra Number Sense Through Puzzles Part 2**

Rosalind Carson  
TELUS 105  
THURSDAY 2:45 - 4:00 PM  
Secondary

**Mathematics**

This session will be a continuation of last year's introduction to puzzles, a hands-on approach for using glass pebbles and wood cubes to explore physical number puzzles that lend to direct algebraic problems....involving linear, quadratic and cubic equations! If you did not attend last year and are interested...the material from last year will also be provided. For those who attended last year...we will start the session by diving into the puzzle explorations that were not covered last year. By providing opportunities for students to create their own visual spatial sense of the algebra at hand, they are better able to understand and make meaning of what they are doing with the mathematics. So, please come and play again!

**Session ID: 217**  
**How to Become Fearlessly Creative & Have Better Ideas More Often**

Brandon Love Joel Hilchey  
MACLEOD HALL C  
THURSDAY 2:45 - 4:00 PM  
Secondary

**Effective Teaching Practices**

This workshop is all about innovative thinking. You'll learn a laughter-filled process to envision hundreds of ideas for your classroom. Whether students care about the environment, bullying, or video games, you'll learn how to convert their interests into opportunities for caring global citizenship. You'll come away with tools to empower creativity, techniques for helping students tap into their natural motivations, and a better understanding of what ideas get students (and YOU!) excited.

**Session ID: 192**  
**"Bullying: What Teachers Should Know, What Can be Done" (The PD I never had.)**

Bill Belsey  
EXHIBITION HALL E  
THURSDAY 2:45 - 4:00 PM  
All Grade Levels

**Issues in Education**

This presentation will help teachers better understand the issue of bullying and what specific actions and strategies can be employed to address the issue.

"What I have learned through a decade of travelling around the world presenting at conferences and schools to students, parents and educators is that many, if not most educators do not receive proper preparation or training when it comes to the issue of bullying. This is a terrible state of affairs when you consider that bullying is often the number one non-academic issues that teachers face. Bullying is the number one education concern of parents. This situation would be like having health professionals who are not currently trained in dealing with the flu. Such a situation would be unthinkable today, yet this is the current state of affairs in education with respect to the issue of bullying and education, for the sake of our students, this must change."

**Session ID: 185****Powerful Techniques For Creative Student Sketchbooks**

Michael Shain

IMPERIAL 5

THURSDAY 2:45 - 4:00 PM

Secondary

**Fine Arts-Visual**

Mike will lead you through some of his favourite techniques for creating visual journal pages. Please join us with one of your most successful techniques or strategies for helping students create stunning art pages. We will explore, experiment with media and create a couple of sketchbook pages using these shared ideas. Please bring your sketchbook and a few drawing supplies. Be prepared to share your awesomeness! Mike will share handouts and ideas that you can take back to the classroom on Monday.

**Session ID: 172****Writing Workshops in the English Classroom: What are you waiting for?**

Al Friesen

TELUS 101/102

THURSDAY 2:45 - 4:00 PM

Secondary

**Language Arts/English**

Nancie Atwell, the 2015 winner of the Global Teacher Prize, has been implementing a student-centered teaching model that allows personalised learning and differentiated instruction on a daily basis. (How's \*that\* for educational buzzwords?) Find out how to take Atwell's model and adapt it to the senior high classroom.

Imagine an English classroom that implements writing technique instruction, guided writing exercises, and poetry analysis. Now, imagine that these minilessons are only starting points, and that the rest of class--some 75% of class time--is dedicated to independent writing and reading. Students choose what they write, what novels to read, when to hand \*what\* in \*when\*, and do so while following the Alberta curriculum for junior and senior high ELA.

Not only that, but students in this classroom are prepared for the diploma.

Join us as we look at the implementation of Atwell's reading and writing workshop models in a public school setting, with a particular emphasis on senior high implementation. If you've heard of Atwell but don't know where to start, or if any of the above sounds interesting, this session is fo

**Session ID: 167****(PRE-REG) Iron Chef**

Jen Awde Amber Arnold Amber Arnold

IMPERIAL 3

THURSDAY 2:45 - 4:00 PM

All Grade Levels

**CTS**

Iron Chef combines the spirit of competition, creativity and the art of healthy cooking. This healthy snack competition pits teachers from near and far at Palliser

Teacher's Convention to produce the healthiest, best tasting snack with 10 minutes on the clock.

Not only will the iron chef participants create a fantastic snack by engaging in a live example of how students can have fun learning about healthy eating, the session will provide a facilitator's guide so these tried and true 'Iron Chef' teachers can have their own school Iron Chef competitions. Limited number of spots available – register early!

**Session ID: 145****(PRE-REG) Traditional West African Drumming: An Authentic Musical Experience for All Ages**

Sarah Haughey

IMPERIAL 7

THURSDAY 2:45 - 4:00 PM

All Grade Levels

**Fine Arts-Music**

Are you looking for an authentic musical experience for your students? Are you looking for a culturally accurate way to use the Djembes collecting dust in your classroom? Come and learn traditional West African drumming techniques and rhythms as well as the cultural connections to the songs studied. This style of drumming is suitable for all ages and I will provide a booklet of rhythms that can be modified for any age. My presentation will focus on rhythms with a difficulty level appropriate for Grades 5-10. I am very passionate about teaching traditional rhythms which can be very complex and exciting, this will differ greatly from a Drum Circle approach.

**Session ID: 43****Appelés à former les consciences' - Amoris Laetitia et le contexte éducationnel**

Stéphane Saulnier

GLEN 209

THURSDAY 2:45 - 4:00 PM

All Grade Levels

**French Immersion**

En 2016, à la suite du synode sur la famille, le Pape François promulguait l'exhortation apostolique 'La joie de l'amour dans la famille'. Le document indique 'nous sommes appelés à former les consciences, et non à prétendre nous substituer à elles' (par. 37). Dans un contexte éducationnel catholique, ce 'nous' s'adresse en particulier aux administrateurs, enseignants et employés des conseils scolaires. Notre session explore certaines ramifications de cette réalité.

**Session ID: 135****Dual Credit Psychology: A partnership between Rocky View schools and the University of Calgary**

Carolyn McLeod Michael Boyes Dr. Melissa Boyce, Dr.

Michael Boyes

MACLEOD HALL E4

THURSDAY 2:45 - 4:00 PM

Secondary

**CTS**

The transition from high school to university is difficult for many students. Data gathered from 2300 introductory U of C students indicates that nearly half of these incoming students struggle to become engaged in their

undergraduate experience. To address the challenges students face in the developmental transition, we modified Psychology of Everyday Life (PSYC 203), an introductory psychology course focused on issues of personal adjustment, engagement and development, to be a dual credit course with high school (CTS) and university credit. Developed and delivered collaboratively with a local high school psychology teacher, the course used a blended format to open up class time for individual and group projects focused on student exploration and development related to course content. The vodcasted content modules that students watched outside of class focused on key aspects of student development and adjustment. By encouraging students to become creatively engaged in the course, their transition to university, and their own personal identity formation processes, the goal is for them to become better prepared and able to cope with the challenges of university. In this session, the presenters will share their experience from the highly successful pilot program that took place in the 2015-16 school year. They will also allow participants to explore ways to look at the possibility of dual credit opportunities in their own practices.  
Target audience: High school teachers (Division IV)

#### **Session ID: 129**

#### **Goose Bump Moments: The Thrills of Teaching French As A Second Language**

Charlie Hunter

GLEN 208

THURSDAY 2:45 - 4:00 PM

Elementary

#### **Other Languages**

Charlie Hunter came back to teaching French As A Second Language 3 years ago, after a long stint outside the public school system. This session intends to provide glimpses into his recent journey in Albertan FSL, both thrilling and frustrating. It will touch on the passion, successes, failures, findings and goose bump moments of his experiences of the past 3 years. His classroom now features: no desks; numerous tennis balls; *ici on parle seulement français*; please be rowdy; and special focus on boys.

#### **Session ID: 113**

#### **Continuing ASEBP Benefits into Retirement**

Kelly Pardy

MACLEOD HALL E2

THURSDAY 2:45 - 4:00 PM

All Grade Levels

#### **Wellness**

Retirement is exciting, but also a little daunting with all the paperwork and planning to be done. With so many things to remember, let the Alberta School Employee Benefit Plan (ASEBP) make one of your checklist items a little easier—your retirement health benefits. During our session, participants will learn about eligibility requirements for maintaining their ASEBP benefits into retirement, the different coverage options available to them, the cost of coverage, as well as benefit options available after ASEBP coverage has ended.

This session is beneficial for employees currently participating in ASEBP benefits and thinking about retirement.

#### **Session ID: 82**

#### **The Storytelling Teacher: Using Multiliteracy Strategies to Improve Engagement and Content Retention for All Learners**

Matt Berrigan

TELUS 104

THURSDAY 2:45 - 4:00 PM

All Grade Levels

#### **Social Studies**

The purpose of this presentation is to explore the way that story is used as a method of making the culture and history of distant and diverse peoples meaningful to adolescent students. Canada's aboriginal community utilized the traditional method of communicating the history and teachings of their people via oral communication. These stories teach the student about the way that a culture has lived, utilized the land and interacted with nearby cultures. Often learners are reluctant to engage in traditional classes due to a lack of engagement, but when teaching uses the multiliteracy model of oral history, students have a greater ability to retain and recall the essential understandings of a topic area. In addition, through learning the stories held in high esteem by diverse cultures, students gain a greater appreciation of their values and perspectives. As a result, this presentation demonstrates that by learning multiple perspectives through the stories valued by different communities, students are more likely to learn necessary curricular outcomes. In addition, students are also more likely to form positive opinions of distant cultures and to feel greater responsibility to contribute to global society. The strategies discussed in this presentation are suitable for teaching students over a wide variety of grade levels and abilities, and focus on both presenting necessary learning material through the use of story, and of teaching students to share their own history and life experience - their own story - using the same methodology.

#### **Session ID: 71**

#### **International Teaching Exchange-A teacher's perspective**

Rob Burton

IMPERIAL 1

THURSDAY 2:45 - 4:00 PM

All Grade Levels

#### **Wellness**

A look at the application process and a first-hand experiential perspective on teaching in Australia. This informative presentation will promote the IEEP (International Educational Exchange Program) as well as offer some hard earned advice and guidance for teachers looking to take the plunge into work/travel for a year.

#### **Session ID: 68**

#### **Clay Sculpture Basics**

Lani Loewen

GLEN 205

THURSDAY 2:45 - 4:00 PM

Elementary

#### **Fine Arts-Visual**

Come learn how to use clay to create sculpture in your elementary classroom. You will gain practical hands-on knowledge so that you can have your students work with clay even if you have never touched it yourself before. For those

who do have experience come and create a new exemplar and maybe learn some new tricks for easier set-up and clean-up.

**Session ID: 39**

**Making Safety a Life-Long Habit**

Sara Rooseboom

GLEN 203

THURSDAY 2:45 - 4:00 PM

Secondary

**CTS**

Young workers are particularly vulnerable to workplace injuries, especially when they first start a new job. From 2012-2014, Alberta lost 16 young workers to workplace fatalities, while another 12,347 suffered injuries that required time away from work to heal.

Workplace vulnerability can be measured along four dimensions:

- Level of hazards faced by workers
- Policies and procedures
- Worker awareness of hazards, rights and responsibilities
- Worker empowerment to participate and speak up about safety.

Young workers as a group are vulnerable across all four of those dimensions, but by reaching them with important safety lessons before they step on the job site, we help them form life-long habits that will keep them safe from harm. Habits such as breaking tasks into steps, looking for hazards, and taking safety precautions to mitigate them.

To make the greatest impact, we need to approach safety education from a variety of angles. In this session, you'll learn how Safety in Schools and other like-minded organizations around the province are working together to deliver important, life-saving lessons to our next generation of workers, online, in schools and in the community!

**Session ID: 240**

**Engage! Experiential Learning in Jasper National Park**

Barbara Schmidt

GLEN 210

THURSDAY 2:45 - 4:00 PM

All Grade Levels

**CTS**

The Palisades Stewardship Education Centre in Jasper National Park is devoted to providing nature immersion programs that help students become personally connected to their environment, develop a sense of place and belonging, and move towards active ambassadorship. Ecological, geographical, energy and physical literacy can be fostered at the centre. Join the education liaison in this session and learn about the many ways the centre can support your students - grades 7-12.

The Palisades Stewardship Education Centre is the result of a unique partnership between Parks Canada and Grande Yellowhead Regional School Division. At this session, you will learn about current research in environmental and experiential education, strategies to incorporate outdoor learning into your own classroom, and how to organize a field

trip to Parks Canada's modern yet historic ranch in Jasper National Park.

The Palisades Stewardship Education Centre is committed to providing real world learning opportunities that connect students to their environment. Curricular programs include CTS modules, CTF Challenge Trips, Junior High Science and Social Studies and much more! The competencies outlined in Inspiring Education are inherent in the programs. Through communication, teamwork, stewardship and mountain recreation, students are connected to their natural environment and become lifelong ambassadors. Problem solving, collaboration and leadership skills will be enhanced as students work and learn in cooperative groups, solve challenges and explore concepts in an alternative outdoor environment. \*Programming at the centre is available in French as

**Session ID: 6**

**Double Dare you - Demystifying Math Uses for Double Dice**

Jane Felling

GLEN 206

THURSDAY 2:45 - 4:00 PM

Elementary

**Mathematics**

Many schools and teachers have access to using engaging and motivating double dice, but aren't using them to their potential. Come prepared to play games that teach the following concepts: mixed operations, place value, fractions, fact fluency, and more. Gameboards, journal writing masters, student samples, ideas for assessment will be shared. come and see why double dice are students' favorites, but more importantly come explore the math potential they have. Student samples, journal writing ideas and assessment ideas will be provided.

**Session ID: 245**

**(PRE-REG) Making Meaning Through Makerspace**

Elizabeth Kane Karen Gowda Karen Gowda, Lisa Marie

Labossiere, Alastair Wilson

GLEN 201

THURSDAY 2:45 - 4:00 PM

Elementary

**Effective Teaching Practices**

In this session, participants will come to a common understanding of what the maker movement is as well as its purpose and benefits for students and educators. Participants will have opportunities to share their understanding of the maker movement and explore some issues with starting or advancing this movement within their schools, from the perspective of both teachers and administrators. The primary focus will be on the exploration of the maker movement with students from preschool to grade six and during this session, participants will have the opportunity to examine how even the youngest students can be involved in the maker movement and how older students and younger students can work together. They will then have the opportunity to learn some ways to start exploring maker education within their school. It will include information about useful professional learning opportunities to provide to staff and some of the resources needed. Participants will also have the opportunity to take

part in their own maker education activity based on a children's book, something that they could then use with students or staff. By the end of this session, participants should be able to gather materials for and organize a makerspace, develop professional learning opportunities around maker culture and create a maker based activity for students or colleagues.

**Session ID: 227**

**Creating a Community of Wellness – it starts with you!**

Ever Active Schools Ever Active Schools

IMPERIAL 9

THURSDAY 2:45 - 4:00 PM

All Grade Levels

**Administration**

Staff Wellness lies at the heart of any great organization, including schools! Unlike other organizations, schools come with a unique set of challenges when it comes to prioritizing staff wellness. Join Ever Active Schools in a conversation about the relationship between staff wellness, student wellness and the wellness of the school community as a whole. In this session, we will focus on wellness from within ourselves, and some ways you can foster a community of wellness in your school. Participants will explore the impact that adults have in role modelling and walking the talk of a healthy, active lifestyle. Ever Active Schools will also share resources and strategies to support all staff as the leaders of a healthy school community.

**Session ID: 8**

**(PRE-REG) Kettlebell Training - Learn How and Why**

Marty Hansen Kari Hill

IMPERIAL 8

THURSDAY 2:45 - 4:00 PM

All Grade Levels

**Phys. Ed./Health**

The kettlebell is known as the most effective modality for strength and endurance gains and is a dynamic fitness tool that was first recognized in the mid 1700s (thus preceding the dumbbell). Training with kettlebells gained popularity in North America in the 1990s emphasizing the development of skill as well as strength and mobility when used safely and effectively as through Marty Hansen's keen teaching ability to bring focus to the key sensations and attention cues.

Up to 30 participants may work in small groups with the kettlebell equipment that Marty brings to gain understanding and practice of how to safely and effectively work with this ancient tool in introductory kettlebell lifts and movements.

**Session ID: 303**

**You Did What...?**

Cynthia Malner-Charest

MACLEOD HALL A

THURSDAY 2:45 - 4:00 PM

All Grade Levels

**Issues in Education**

This presentation examines topics which lead many teachers to call the ATA for advice or representation. The presentation will examine protocols to protect teacher privacy and autonomy when seeking advice, interpersonal professional

conflicts, contract and certification issues, employment risks related to the role-modelling obligations, problems related to technology, and liabilities associated with providing service to medically fragile students. Come to this session with questions regarding dealing with difficult people, social media, professional conduct, legislation and anything else on your mind.

**Session ID: 252**

**Dr. Ross Greene's Collaborative and Proactive Solutions (CPS): Plan B**

Laurie Johnston

MACLEOD HALL B

THURSDAY 2:45 - 4:00 PM

All Grade Levels

**Diversity/Learning Support**

This session will go into the elements of the process of Plan B, which is the CPS model. CPS is proving statistically effective to support challenging students in developing the skills for success. It is also an effective approach to dialogue and problem solve with any student or adult. Participants will learn the three steps in the model, as well as receive coaching tips to be effective in leading a student and staff through the model. If participants are unfamiliar with the model, they are encouraged to attend the Introductory session.

**Session ID: 19**

**10 Games that are not dodgeball. (K-3)**

Shannon Fox Kendra Harper Kendra Harper

IMPERIAL 4/6

THURSDAY 2:45 - 4:00 PM

Early Childhood

**Phys. Ed./Health**

Come to this ACTIVE session to participate in 10 games that are fun, easy to learn and easy to set up! Move away from dodgeball with games that teach fundamental movement skills and keep your class moving. Bring athletic wear, a water bottle and energy- leave with a lesson plan for Monday morning.

**Session ID: 254**

**Rediscovering the Virtues in the 21st Century**

Tomas Rochford

TELUS 107

THURSDAY 2:45 - 4:00 PM

Secondary

**Religion**

The contemporary world offers a number of competing and contradictory views about moral formation and ethical decision-making, including a broad-based relativism, emotivism (doing whatever "feels right"), social/cultural constructivism (cultural relativism), utilitarianism, consequentialism, legal positivism, among others. Amid this cacophony of voices, it is difficult to find a moral worldview that adequately deals with two facts of the Christian worldview: (a) that human persons are beings with intrinsic dignity who are made in the image and likeness of God; and (b) there are absolute moral norms that exist for all human beings, because there exists a supreme Good and supreme Lawgiver. In this session we will propose to offer a re-introduction to Virtue Ethics and the Natural Law,

demonstrating how this classic ethical system is the only adequate one for a Christian school, in both its pedagogy and its everyday practice.

**Session ID: 31**

**FOMO (Fear of Missing Out)--The Age of Anxiety and Sleep Deprivation**

Wade Sorochan

MACLEOD HALL D

THURSDAY 2:45 - 4:00 PM

All Grade Levels

**Wellness**

Media personality and mental health advocate Wade Sorochan shares important information on why youth feel they need to be connected 24/7. FOMO (fear of missing out) is causing high anxiety and sleep deprivation which leads to extreme fatigue, poor academic performance, safety concerns, and mental and physical health issues. The presentation features important information on anxiety and depression, the benefits of sleep, the effects of lack of sleep, and how screen time at bedtime affects mental and physical health.

**Session ID: 259**

**Outdoor Education in the foothills of the Rockies - The Quest Program at Oilfields High School - Exploring Cross Curricular Studies through Outdoor Education**

Adam Argento Chase Sillito Chase Sillito, Karen Larter

GLEN 204

THURSDAY 2:45 - 4:00 PM

Secondary

**CTS**

An information session about the Quest program at Oilfields High School in Black Diamond Alberta

The Quest program is a multi-grade (Gr.10-12) community of learners exploring cross-curricular studies through outdoor and environmental education. Students in the program benefit from experiential learning, day trips and over night trips, certifications and outdoor skills that complement a career in the outdoors, small class sizes and a learning community.

A great session for teachers who are interested in developing an outdoor education program at their school or who want to integrate the outdoors into their classes.

**Session ID: 271**

**Go pro with a GoPro Camera... Photo & Video Shoot and Editing Session**

Gregg Silver

TELUS 106

THURSDAY 2:45 - 4:00 PM

All Grade Levels

**Technology**

Get hip and have fun learning the newest technology with a GoPro sponsored videographer. Learn the most simple program, GoPro Studio, free editing software. Enjoy filming, shooting photos and editing them together into a neat little video with music, transitions and effects. Take sharp videos and amazing photos. See how simple an extended timelapse video is to create. Come empty handed or you are welcome to bring your own computer and download the latest free Gopro studio software beforehand.

**Session ID: 277**

**(PRE-REG) Grade 4-6 School Program Demos at The Calgary Zoo (9:00-10:30)**

Estelle Blair

OFF-SITE

FRIDAY 8:30 - 11:15 AM

All Grade Levels

**Science**

This session, at the Calgary Zoo, will begin at 9:00am and conclude at 10:30am, giving delegates enough time to return to the Convention Centre for an 11:30 next session. Delegates are responsible for their own transportation to and from The Zoo. The C-Train is recommended. Pre-registrants must show their ATA card (plastic, paper or digital versions are fine) to get through the Admissions Gate. For sessions starting at 9am, the "Penguin Plunge Cafe" will be open at 8:30 with coffee and snacks. Show your ATA card for a 10% discount. (Any pre-registrants who are guests or associates members will need to check in at the Convention Info Booth, prior to your session, to receive a yellow wristband, in lieu of an ATA card.)

During these 90 minutes-sessions, you will get an overview of all the school programs offered for each division. Curriculum connections will be highlighted and you will get a chance to sample activities that are an integral part of these programs.

**Session ID: 157**

**(PRE-REG) Stoichiometry: Five Hands-On Chem 20/30 Activities to Improve Student Understanding**

Ken Hoffman

TELUS 111

FRIDAY 8:30 - 11:15 AM

Secondary

**Science**

Student understanding of stoichiometry correlates with success in university chemistry. This workshop will outline five hands-on activities that have been developed and tested, which leverage student fluency with LEGO bricks to improve student understanding of stoichiometry and mole/mass relationships. Teaching resources will be provided.

**Session ID: 191**

**(PRE-REG) Design Thinking Workshop for Educational Planning**

Kimberley Grant

GLEN 201

FRIDAY 8:30 - 11:15 AM

All Grade Levels

**Effective Teaching Practices**

There has been a lot of buzz about design thinking lately, but much of it has focused on how to teach students to become design thinkers. We believe design thinking works on many levels and can be a powerful process for teachers and administrators to use for themselves as well! This workshop will focus on a) what design thinking is, and b) how educators can use design thinking processes to plan and problem-solve more effectively. Using the phases of empathy-building, problem-defining, ideating, prototyping, and testing, we will creatively and collaboratively tackle some real-life educational planning challenges while providing examples of how we and

others have used these strategies. This will be a hands-on workshop filled with sticky notes and Sharpies.

**Session ID: 147**

**Write Beside Us - Writers' Workshop**

Andrea Schell Jenna Bertrand Jenna Bertrand, Thomas South, Amanda Milot  
MACLEOD HALL E1  
FRIDAY 8:30 - 11:15 AM  
Secondary

**Language Arts/English**

The goal of Writers' Workshop is simple – to develop in our students a passion for writing. In today's classroom, students often struggle with getting their ideas out on paper, formatting and shaping their ideas in such a way as to fully communicate their thoughts, and finding their voice. Asking students to write almost always elicits groans and moans. Students do not see how transformative and powerful writing can truly be. Inspired by the gurus themselves - Kelly Gallagher and Penny Kittle - this session will dig deep into this not so new methodology and explore how to transform a classroom into a group of passionate, confident, young writers.

In a Writers' Workshop classroom, students are given the time to study mentor texts, write using mentor texts as guides, conference, connect, explore and escape. The teacher provides various writing techniques and strategies, and writes with the students to show them the struggles and successes that an authentic writer has.

This session will not only explore the theory behind Writers' Workshop, it will also provide the opportunity to truly experience this workshop model in action. It is a model that will benefit students from all abilities; students are given in-class time to immerse themselves in writing and ESL students are given the opportunity to develop their writing skills.

Student feedback has been absolutely phenomenal! This is a method of teaching that will appeal to both males and females – that is a promise! Within a few short weeks teachers will see their students transform right before their eyes. One Grade 10 student said, "I used to hate writing and be afraid to make a mistake or to write the wrong thing. Now, I know that I am a writer and can use my writing to tell my thoughts."

Attendees will leave invigorated and inspired! As well, they will be provided with resources, such as mentor texts, lesson plans, that can be taken back to their classroom where they can then begin to inspire and engage students in Junior and Senior High classrooms.

This session is the companion to the Readers' Workshop session being presented by colleague

**Session ID: 148**

**(PRE-REG) Power Up! Cooking with Milk Products and Eggs**

Jodie Kachkar Jaclyn Chute Jaclyn Chute  
OFF-SITE  
FRIDAY 8:30 - 11:15 AM  
Secondary

**CTS**

This is an offsite workshop held at Heritage Christian Academy located at 2003 McKnight Blvd NE, Calgary. Delegates are responsible for their own transportation to this school.

Based on CTS FOD 2060, this free program provides practical learning tasks that start with what students are familiar with — milk products and eggs in their daily diets — and extends their knowledge and skills to cooking science and applications. This session will include cooking, taste-testing, networking and reviewing all program components. Teachers will leave with lesson plans to start teaching the program next week!

Space is limited to 25. Foods teachers only. Visit [www.moreaboutmilk.com](http://www.moreaboutmilk.com) for details.

**Session ID: 278**

**(PRE-REG) K-3 School Program Demos at The Calgary Zoo (9:00-10:30)**

Estelle Blair  
OFF-SITE  
FRIDAY 8:30 - 11:15 AM  
All Grade Levels

**Science**

K-3 School Program Demos at The Calgary Zoo (9:00-10:30)

This session, at the Calgary Zoo, will begin at 9:00am and conclude at 10:30am, giving delegates enough time to return to the Convention Centre for an 11:30 next session. Delegates are responsible for their own transportation to and from The Zoo. The C-Train is recommended. Pre-registrants must show their ATA card (plastic, paper or digital versions are fine) to get through the Admissions Gate. For sessions starting at 9am, the "Penguin Plunge Cafe" will be open at 8:30 with coffee and snacks. Show your ATA card for a 10% discount. (Any pre-registrants who are guests or associates members will need to check in at the Convention Info Booth, prior to your session, to receive a yellow wristband, in lieu of an ATA card.)

During these 90 minutes-sessions, you will get an overview of all the school programs offered for each division. Curriculum connections will be highlighted and you will get a chance to sample activities that are an integral part of these programs.

**Session ID: 284**

**(PRE-REG) Scratch Programming**

Gerald Chung  
GLEN 208  
FRIDAY 8:30 - 11:15 AM  
All Grade Levels

**Technology**

This session will focus on Scratch Programming at all Grade levels. Participants will look at this language and introduced to Block Programming. We will look at all the features of this language and its use at all Grade levels. The exciting part of this language is that no coding is required. Students simply drag and drop blocks to create simple and complex programs. Sample programs will be demonstrated. We will also look at some advanced features of this program.

**Session ID: 305****Education for Reconciliation: Understanding the Legacy of Residential Schools**

Etienna Moostoos-Lafferty

TELUS 108/109

FRIDAY 8:30 - 11:15 AM

All Grade Levels

**Issues in Education**

Many students experience racism, discrimination and prejudice in school and in their communities, a situation that significantly diminishes their potential to learn. This workshop explores techniques that teachers can use to help all students be more respectful of the culture of others. It is also intended to help teachers increase the resilience of First Nations, Métis and Inuit students specifically, by increasing participants' understanding of residential schools and the inter-generational trauma resulting from them.

**Session ID: 311****Werklund School of Education Undergraduate Student Poster Display**

Cynthia Prasow Werklund School of Education Werklund

School of Education Undergraduate Student (20)

OFF-SITE

FRIDAY 8:30 - 11:15 AM

All Grade Levels

**Issues in Education**

This poster session display will provide opportunities for both conference delegates and pre-service teachers to engage in a professional dialogue around current trends and issues in education. This session will be of interest to current professionals, to view examinations on relevant issues that offer an opportunity to re-conceptualize teaching and learning as a collaborative, interdisciplinary practice, focusing on real world problems and/or issues.

**Session ID: 151****The Hunger Games: That Kid's Just Looking for Attention**

Ariel Haubrich

MACLEOD HALL E2

FRIDAY 8:30 - 11:15 AM

All Grade Levels

**Effective Teaching Practices**

"That kid's just looking for attention..." Probably. But not for why you think. Kids are starved for connection, direction, attachment and positive adult relationships, and we need to fortify them! But how? and when? and in what ways? And what if (gasp) this encourages the behavior? This session speaks to the biological, psychological and developmental reasons kids seek our attention, why they NEED to seek our attention and why we MUST give it to them. Using a multi-media platform, humor and different perspectives, we'll look at the behaviors and brains of these kids and the survival games these brains and behaviors play. Participants will learn the "Vitamin C" approach to attention seeking behaviors, and explore the research, theory and practical applications of nourishing our students, children and society with the time and attention they seek...and deserve.

**Session ID: 211****On-site Orienteering**

Jon Olfert

GLEN 210

FRIDAY 8:30 -9:45 AM

All Grade Levels

**Phys. Ed./Health**

Learn to run an orienteering session on your school yard. Basics of instructing map and compass integration and hands on practical activities that you can lead with your students!

**Session ID: 88****Enhancing Systems to Improve Student Attendance**

Mitchell Colp Chris Pawluk Chris Pawluk

MACLEOD HALL E3

FRIDAY 8:30 -9:45 AM

All Grade Levels

**Administration**

Attending school on a regular basis is fundamental to the positive development of academic, language, social, and work-related skills. In Alberta, up to 100,000 students are impacted by school absenteeism and are at significant risk of negative future outcomes, such as economic disadvantage, incarceration, and mental health challenges. Recognizing the prevalence of absenteeism, Rocky View Schools launched the Attendance Innovation Campaign which aimed to educate communities as to the importance of attendance, empower schools to utilize data to monitor and improve practice, and eliminate barriers to student attendance through a system of tiered interventions. This innovating approach was expected to increase attendance rates, improve academic achievement, and boost school engagement across its four pilot schools. The techniques, resources, and preliminary results will be shared during this presentation so that educators and school administrators can return to their schools and innovate practice.

**Session ID: 258****Modifying the Curriculum for Students with Moderate to Severe Disabilities**

Kelly Huck Amelie Doucet Amelie Doucet

TELUS 103

FRIDAY 8:30 -9:45 AM

All Grade Levels

**Diversity/Learning Support**

Modifying the curriculum ensures access to the core academic curriculum for students with moderate to severe disabilities. This session is designed for participants to view a modified curriculum template and review the process our school team followed in modifying curriculum units for students with disabilities in inclusive classrooms. This template is designed with Understanding by Design and Universal Design for Learning principals and grade specific curriculum outcomes. Participants will have access to these resources and should come with a student in mind to walk through a similar process for a sample unit.

**Session ID: 60****Sensory Processing Through Yoga & Mindfulness**

Donna Freeman

IMPERIAL 6

FRIDAY 8:30 -9:45 AM

Elementary

**Diversity/Learning Support**

Yoga is an effective adjunct therapy for children with sensory processing conditions helping to stimulate the senses while calming the central nervous system. Learn numerous yoga and mindfulness techniques ideal for tactile, vestibular and proprioceptive system input to help calm, focus and regulate. Come prepared to actively participate.

**Session ID: 281**

**Teaching Band with Bill Wahl**

Bill Wahl  
IMPERIAL 9  
FRIDAY 8:30 -9:45 AM  
Secondary

**Fine Arts-Music**

The session will focus on many aspects of teaching instrumental wind band music: things that take time; band as way of life; how to maintain your sanity; organizing your environment; teaching versus conducting; teaching is what it is all about; Band as family; Sage advice.

**Session ID: 93**

**Digging Deep- A Collaborative Critical/Analytical Project in Secondary English**

Jim Forrest  
TELUS 110  
FRIDAY 8:30 -9:45 AM  
Secondary

**Language Arts/English**

This session will outline a project I have used successfully in my high school English classes from grades 9-12. As we study major texts (novels, Shakespeare, modern drama), small groups (3-5) choose critical/analytical topics (motifs/themes/character analyses/symbolism, etc) and become our resident experts on that particular aspect of the text. As we study the text, these groups prepare a one page analysis handout summarizing their topic, and plan a formal oral presentation in which they "teach" their topic to the class. This project combines focused critical reading, collaborative work, and a formal speaking component, and provides each member of the class with a comprehensive note package on the text to take forward to individual assignments/exam preparation/etc.

**Session ID: 270**

**Teaching Primary French in Fun & Creative Ways**

Gregg Silver  
GLEN 209  
FRIDAY 8:30 -9:45 AM  
Elementary

**French Immersion**

In a French immersion milieu, we will play and learn French using fun filled techniques. Let's create an atmosphere where one is welcome to take risks and welcomes correction. Find out what excites students so they ask for the language that they need to express. This session will furnish you with ideas and technics that send you back to class with a spark. C'est formidable!

**Session ID: 85**

**Pros, cons, and how to record lessons to YouTube**

Michael Zhang  
GLEN 206

FRIDAY 8:30 -9:45 AM

All Grade Levels

**Technology**

Discover how wildly advantageous recording your lessons to YouTube can be for students, parents, and personal life. Find out what strategies to employ for recording lessons and the tools you need to start creating YouTube playlists. Improve your teaching year-by-year by refining your resources in a medium that is familiar to your students.

**Session ID: 102**

**Insight into Equality: Grades 4 - 6 (Understanding the "equal sign".)**

Wanda Dechant  
GLEN 202  
FRIDAY 8:30 -9:45 AM  
Elementary

**Mathematics**

Did you know that misconceptions about the meaning of the equal sign can interfere with students' ability to develop and maintain both fluency and accuracy as they practice the number operations? The Alberta curriculum introduces the equal sign in the primary years because understanding equality forms the foundation for flexibility with number sense.

In this session, we will explore

- A variety of short, simple tasks
- A selection of student samples

We will examine what students are expected to know and be able to explain and demonstrate in regards to equality.

For more information, visit the Elementary Mathematics Professional Learning Opportunities website at <http://learning.arpdc.ab.ca>

**Session ID: 89**

**(PRE-REG) Creating colour harmonies using Oil Pastels**

Christina Dixon  
IMPERIAL 5  
FRIDAY 8:30 -9:45 AM  
Elementary

**Fine Arts-Visual**

Celebrate and predict the beauty of the minds geared for creativity by exploring a simple and versatile medium: the oil pastels. The structure of this workshop is designed to teach the participants how to use layering and blending using oil pastels and how to explore and engage their own creativity involved in the artistic processes. Composition, design and color will be examined as well as a variety of techniques used. The projects will be presented and demonstrated step-by-step to help the participants create their own masterpieces differentiated per grade level and skills/ ability level.

**Session ID: 208**

**The Importance of Endangered Species Education**

Jason Clevett  
GLEN 204  
FRIDAY 8:30 -9:45 AM  
All Grade Levels

**Science**

Every year an estimated 20'000 species of plants and animals go extinct. Poaching, habitat loss, climate change and more result in losing animals every day. Our students will be the ones directly responsible for the future of our planet. Learn how to incorporate endangered species education into your science courses and what we can do to help change directions and save animals.

**Session ID: 216**

**Engaging Students with Daily Creative Activity**

Brandon Love

IMPERIAL 1

FRIDAY 8:30 -9:45 AM

All Grade Levels

**Effective Teaching Practices**

Introducing DCA – Daily Creative Activity – because our creative muscles could use a daily workout too! We'll share ideas, fill your bucket with fun, “use-it-now” activities, and show you how 5 minutes a day can transform your classroom – reduced student inhibition, more willingness to take risks & make mistakes, and more variety and fun for YOU every day. Not only that, you'll have new success connecting with the “hard-to-reach, hard-to-teach” students.

**Session ID: 144**

**Oh the Places You'll Go! Talking about careers with Youth**

Lise Stransky

TELUS 104

FRIDAY 8:30 -9:45 AM

Secondary

**CTS**

Sure, students are required to take career and life management (CALM) but this is only the beginning and sets the stage for further career conversations. As your students go through secondary school, he or she will begin to think about different careers. As a teacher, you play an important role in this process – supporting your students with encouragement and information as they begin their life and career journey. Constructive career conversations in the classroom can help them narrow down their choices and assist with decision making.

Career planning can seem complex and a little scary to adults and youth alike. Remember that it is a journey, and along the way we will learn, grow and change with each experience and benefit from the people we meet along the way. Teachers are in a position to help and there are resources, techniques and information to help you as a coach and ally.

This session helps teachers explore the role of coach and ally to their students as they consider future careers. Building on research that shows that teachers are an important influence on their students, the session provides suggestions on career planning, how to talk to teens about career choices and how to be an ally who can help prepare young people for entry into the wo

**Session ID: 143**

**The Secret to Bringing Out the BEST in Students**

Chris Wejr

MACLEOD HALL B

FRIDAY 8:30 -9:45 AM

All Grade Levels

**Diversity/Learning Support**

Too many students are in school learning the many things they cannot do while not being provided the opportunity to do the many things they can do. When students' character strengths and skills are embraced within the school, students are more confident, engaged and connected to the school. Not only does a strengths-based education help engage the disengaged, it changes the trajectories and helps more students to truly flourish. Chris shares personal stories of K-12 success and supports this with research from the fields of psychology and business. He challenges participants to bring out the best in each student by starting with one, starting with strengths, and starting today.

**Session ID: 123**

**Precision Reading**

Kimberly Tackaberry Kim Tackaberry

MACLEOD HALL C

FRIDAY 8:30 -9:45 AM

All Grade Levels

**Language Arts/English**

Precision Reading is a short, daily, research-based remedial reading activity designed to improve fluency, sight word vocabulary, and passage comprehension. It enables students from grades three to twelve with low/poor reading abilities to make progress quickly and efficiently. Precision Reading is a one-on-one instructional activity that takes less than ten minutes a day to implement. This program was created by Dr. Rick Freeze, professor at the University of Manitoba.

**Session ID: 141**

**Authentic Worship | understanding & teaching the connection between worship & purity**

Peter Hill

TELUS 107

FRIDAY 8:30 -9:45 AM

All Grade Levels

**Religion**

We live in a society where the word purity has become entangled in a gray area of post modernism & self-indulgence. Teaching authentic worship goes beyond just a faith or catechism class in school. It needs to be integrated into our systems as a whole. Accomplishing this requires a paradigm shift in both our mentality and our approach. Drawing from concepts laid out in his book, Peter guides us through the beginnings of what this shift might look like. Participants are invited to reflect, to journey, and to share.

**Session ID: 160**

**Mindfulness in Schools**

Chris Hughes

TELUS 101/102

FRIDAY 8:30 -9:45 AM

All Grade Levels

**Wellness**

This session looks at what mindfulness is and isn't, introduces the practices of mind based interventions at elementary, junior high, high school and with school staff and gives participants some experience of mindfulness.

**Session ID: 241****The General Play Skills (GPS) Program - Developing Physical Literacy Through Play**

Tracy Lockwood  
 IMPERIAL 4  
 FRIDAY 8:30 -9:45 AM  
 Elementary

**Phys. Ed./Health**

Come learn about and participate in this exciting new program that focuses on developing physical literacy and improving physical education experiences for K-4 students. It is designed with the elementary generalist teacher in mind, but can be used by PE specialists and all those working in a physical activity setting with children ages 5-10. Ready-made lesson plans, assessment tools and supplemental materials have been developed to eliminate the barriers (lack of time, training, money) associated with providing opportunities for children to develop competence, build confidence and increase participation, which all contribute to the development of physical literacy. Learn about the details of the GPS Program, participate in some of the activities that have been successfully implemented and find out how it can be brought to your school community, so you can continue to assist children to move efficiently and effectively while having FUN!

**Session ID: 202****Learning in the Age of Distraction**

Bill Belsey  
 EXHIBITION HALL E  
 FRIDAY 8:30 -9:45 AM  
 All Grade Levels

**Effective Teaching Practices**

Mounting anecdotal observations from experienced classroom teachers and emerging research is indicating that the ubiquitous intrusion of technology into our classrooms and personal lives is not always optimal for living and learning. This session will push past the ED-Tech hype and examine the challenges that today's classroom teachers face as they try to create effective teaching and learning environments. This session will share relevant research about the challenges that classroom teachers face as well as strategies that will help us to help our students navigate, "Learning in the Age of Distraction."

This session will be lead Bill Belsey. Mr. Belsey's work was featured at the Canadian Museum of Civilization as one of Canada's ED-Tech pioneers. He is a winner of the Prime Minister's Award for Teaching and has been recognised as a Fellow of the World Technology Awards. Recently, Mr. Belsey was honoured with the ATA's Edna Dach Award as Alberta's Outstanding ED-Tech Teacher of the Year. Mr. Belsey is currently a classroom teacher with the Rocky View School Division.

**Session ID: 226****How to Bury an Old Maid in a Body Bag**

Courtney Armstrong  
 IMPERIAL 8  
 FRIDAY 8:30 -9:45 AM  
 All Grade Levels

**Effective Teaching Practices**

Initiative tasks, team building, and cooperative games. Some of these may be very familiar terms but for others they present themselves as child's play or activities that have no place in a classroom. These activities can not only be used to reinforce what you're teaching but can teach problem solving, communication, and conflict resolution skills.

**Session ID: 57****Hey, Leaders! Formative Assessment isn't Just for Kids!**

Gerald Knox  
 MACLEOD HALL E4  
 FRIDAY 8:30 -9:45 AM  
 All Grade Levels

**Administration**

Formative assessment enhances learning. We know this is true for teachers supporting students. How can we apply these same principles to support the professional growth of our teachers? Explore a planning model designed to help leaders use Assessment for Learning strategies to advance teacher, school and district goals.

**Session ID: 308****Backwards Planning and Novels in the Second Language Classroom**

Kristin Duncan  
 IMPERIAL 2  
 FRIDAY 8:30 -9:45 AM  
 All Grade Levels

**Other Languages**

This session will cover how to backwards plan your year from an easy-reader novel in a second language. It will also cover methods of teaching a novel and several activities that you can use in your classroom. Novels in Spanish and French will be available to browse at the session as well.

**Session ID: 35****Career Pathways: So You Want To Be A Writer?**

Tyler Enfield  
 IMPERIAL 3  
 FRIDAY 8:30 -9:45 AM  
 Secondary

**Language Arts/English**

This interactive slide-show presentation takes a comic look at the hard-boiled realities of the writer's life. We discuss the art of rejection, publication, and developing a career. We look at career options available to budding writers, along with memorable anecdotes, cautionary tales, and a reading from my new teen novel, Madder Carmine. The presentation finishes up with a Q&A period, and a few writing exercises to get things started.

**Session ID: 220****Introduction to Trigonometry - a Holistic and Visual Approach (High School Math)**

Rosalind Carson  
 TELUS 105  
 FRIDAY 8:30 -9:45 AM  
 Secondary

**Mathematics**

This session will provide the history of how the ancient mathematicians developed the concept of trigonometry, and how to provide an extremely visual

approach for understanding the Sine, Cosine and Tangent Functions as these were created. This approach provides the historical and visual understanding to make sense of what trigonometry really is describing, as well it makes all the calculations much easier for grade 10 students. So, if you are new to teaching trigonometry, come and learn! If you are experienced and want to learn some more history and a different visual approach...please join me for the math stories!

### **Session ID: 193**

#### **Facebook is Making Your Students Meaner**

Joel Hilchey

MACLEOD HALL D

FRIDAY 8:30 -9:45 AM

All Grade Levels

#### **Issues in Education**

In today's age, critical media literacy is more necessary than ever. Today's youth are digital natives, while most teachers are digital immigrants. Even so, teachers must use our wisdom to guide students as the evolution continues. By knowing the history and focusing on a few unchanging fundamentals, we can ensure students (and adults) are set up for success.

### **Session ID: 186**

#### **Intro to mastery-based learning in Math and Science with randomly-generated WIRIS quizzes for Moodle**

Trevor Armstrong

TELUS 106

FRIDAY 8:30 -9:45 AM

Secondary

#### **Mathematics**

**BRING YOUR LAPTOP!** You will need a laptop with Java and Firefox installed.

Java: <https://java.com/download>

Firefox: <https://getfirefox.com>

#### **INTRODUCTION**

In this introductory session, you will learn how to use the WIRIS plugin for Moodle to make randomly generated questions for math and science. This will allow you to administer the same quiz/questions multiple times, and each time the question will have different numbers.

You will learn some basic steps for how to give students step-by-step solutions to some simple problem examples.

Instead of assigning "p. 187 # 1-8" for homework, you can now assign "Get 100% on the 5 question Moodle Quiz". Instead of having one paper/Moodle quiz halfway through the unit, you can have a short quiz every day (without manual grading, or putting marks by hand into PowerSchool) Instead of making two versions of every quiz, you can make one version that's different for everyone.

#### **WHAT IS WIRIS?**

WIRIS is a plugin for Moodle that has a mathematical computation engine built-in. For a question expecting lengths, it will accept 250cm or 2.5m or 0.0025km as equivalent; for a polynomial question, it would accept  $\frac{1}{2}x^2$  or  $0.5*x*x$  as equivalent (unless you tell WIRIS to restrict it, which we'll cover). With as little as 4 lines of code, you can also use

WIRIS to randomly generate numbers, and use those numbers to calculate the values you want in a question.

#### **WHAT WILL YOU GET OUT OF THIS SESSION?**

By the time you leave, you will have generated several random questions from scratch, which will teach you the basics of using WIRIS. You will also import a file with example questions you can copy and modify to do more advanced problems. You will create at least one question that's unique to the courses you are teaching that will be ready to go as an entry or exit quiz on Monday.

You will learn how to build basic WIRIS questions, how to build graphs into WIRIS questions, create variables to store numeric values, randomly generate numbers, and how to do simple calculations with variables. These tools will allow you to create simple randomly-generated WIRIS questions.

#### **WHO IS THIS SESSION FOR?**

Any math/science teacher at the middle school or high school level who is interested in giving more frequent formative assessment, who wants to build mastery-based learning into their classroom, or who is looking to minimize time spent grading paper quizzes.

Algebra/technical skills will be an asset for building more complex questions.

#### **IF YOU WANT TO EXPLORE THE POWER OF WIRIS FURTHER**

Please also register for the "Further exploration of randomly-generated WIRIS quizzes for Moodle (Part 2, after Intro session)" session, where we will explore some slightly more advanced coding, which will allow you to build much more complex questions.

This second session is particularly useful for showing more detailed step-by-step instructions on how to solve questions, as well as strategies to handle longer multi-step questions.

### **Session ID: 299**

#### **Women in Leadership: Are We There Yet?**

Shelley Magnusson

GLEN 203

FRIDAY 8:30 -9:45 AM

All Grade Levels

#### **Issues in Education**

This session will open up an important conversation about women in leadership. A large body of peer reviewed research continuously finds that high-achieving women experience social backlash because of their very success. Specifically, the behaviours that created that success violate our expectations about how women are supposed to behave. This session will focus on how senior leaders must navigate the multiple responsibilities and constituencies of their roles. In this session we will identify the unique leadership challenges and opportunities facing women in education today and come to understand when and how gender plays a role in both organizational and personal advancement.

### **Session ID: 298**

## **The Story of the ATA: A Conversation with President Mark Ramsankar**

Mark Ramsankar  
MACLEOD HALL A  
FRIDAY 8:30 -9:45 AM  
All Grade Levels

### **Issues in Education**

The ATA will begin celebrating its centennial at ARA in May 2017. The history of the ATA and the history of education in Alberta go hand in hand and we have been at the forefront of many monumental changes in education in the past and we look forward to being involved in some exciting changes on the horizon. The next 18 months will be a year of looking back at our many accomplishments; but it will also be a time to look to the future as the Story of the ATA continues to evolve. Join President Ramsankar for a behind the scenes look at the hot issues facing teachers today and an in depth discussion of how the ATA is reacting to the shifting climate, including a Q and A session with members.

### **Session ID: 203**

#### **It All Started with an iPad...**

Patti Beloglowka Trena Threndyle Trena Threndyle, Kim Boraas  
GLEN 205  
FRIDAY 8:30 -9:45 AM  
Early Childhood

#### **Technology**

Over the past several years we have been striving to use technology in our Kindergarten classrooms in a meaningful, developmentally appropriate way to make learning come alive and differentiate instruction in our classrooms. Our journey has taken us from iPads during centers to blogging and lots of great stuff in between. We would love to share with you our journey and how we have been using technology to make learning visible and reflective with blogging, QR Codes, as well as how we use iPads for projects in the Kindergarten classroom.

### **Session ID: 288**

#### **(PRE-REG) Moodle Course Building Workshop**

Dirk Meyer Marcie Perdue Marcie Perdue  
OFF-SITE  
FRIDAY 8:30 AM - 2:15 PM  
All Grade Levels

#### **Effective Teaching Practices**

This is an offsite workshop held at Heritage Christian Academy located at 2003 McKnight Blvd NE, Calgary. Delegates are responsible for their own transportation to this school.

This full day workshop is all about collaborative course building in Moodle. Bring your ideas and build something cool together with the support of your peers. Sample one or more or go in-depth with just one of the following topics:

- \* Bring your existing resources together and build an awesome English course.
- \* Student centered course building using a project based approach.
- \* Use the Alberta Moodle HUB to gather ideas and resources when (re)-building your courses.

Bring your own laptop  
Bring your own lunch  
Bring your resources

About the Alberta Moodle HUB:

The Alberta Moodle HUB has been providing peer support Moodle teachers for over five years. It provides an ever growing list of Moodle courses that are shared amongst the community. This community enjoys the regular support of volunteer Moodle users from Alberta, British Columbia and Saskatchewan. This session will present an overview of its history and where

### **Session ID: 164**

#### **(PRE-REG) HIGH FIVE Sport: A National Certification Program & NCCP PD Credit**

Jen Goeres  
OFF-SITE  
FRIDAY 8:30 AM - 2:15 PM  
All Grade Levels

#### **Phys. Ed./Health**

This is an offsite workshop held at Heritage Christian Academy located at 2003 McKnight Blvd NE, Calgary. Delegates are responsible for their own transportation to this school.

Aligned with the Fundamentals and Learn to Train stages of Long Term Athlete Development (LTAD), this national certification is designed for anyone working with children 6 - 12 years in a sport club, organization or school team. HIGH FIVE Sport focuses on the social, emotional, and cognitive development and wellbeing of athletes. The training is based on research and has been designed to help coaches with top coaching dilemmas such as dealing with parents, keeping the child's interest, ensuring fair play and an emotionally safe environment.

Participants who are NCCP certified may earn 3 Professional Development (PD) points towards maintenance of the NCCP certification status.

Delegates, please bring the participant fee to the session.

### **Session ID: 182**

#### **(PRE-REG) Personal Growth and Healing through Equine Facilitated Learning**

Carrie Watson  
OFF-SITE  
FRIDAY 8:30 AM - 2:15 PM  
All Grade Levels

#### **Wellness**

This is a full-day, offsite session hosted at the Whispering Equine Wellness facility near DeWinton, AB.

Come connect with a horse to explore and develop a new version of yourself! During our time together, we will explore what equine facilitated learning is and how it can be beneficial for your students, staff and yourself. Individuals will participate in horsemanship activities along with experiential learning type tasks while partnering with a horse. All the horse experiences will be done from the ground. Horse and human

communication styles, respectful leadership, effective problem solving and caring for others, will be a few of the topics that will be included in the session.

During these activities in our full programs, an individual may experience growth and healing through self reflection on their behaviors, reactions, instructional clarity, body language and trust, while working with the horse. These areas of growth and healing can often be seen being transferred over to other areas of the individuals life as well.

A few of the outcomes that can be experienced from participating in this type of session are:

- Healing
- Personal awareness
- Improved trust and communication skills
- Enhanced relationship and interpersonal skills
- Increased self esteem and confidence
- Sense of self empowerment
- 

By offering a safe place for an individual to let down their guard and experience a true authentic relationship with a horse, that is free of judgment and criticism, it will provide space for many people to move forward in a new and positive direction in their life.

This session would be offered as an offsite presentation as a hands on experiential learning activity, and would be run out of Whispering Equine's Wellness facility in De Winton, Ab. Just between Calgary and Okotoks. We have recently signed a contract with Rocky View Schools, as a vendor, to be able to offer Equine Facilitated Learning to their students. We hope that by being able to present at this convention, that we will be able to educate guidance staff, resource teachers as well as other teachers and staff members about the benefit of Equine Facilitated Learning for their students, that is now available to many of them. A lot of what we cover in our full school programs can be tied back into classroom work and therapy sessions

#### **Session ID: 124**

##### **Dyslexia: Exploring the Three Subtypes**

Kimberly Tackaberry  
MACLEOD HALL C

FRIDAY 10:00 AM - 11:15 AM

All Grade Levels

##### **Language Arts/English**

Join us and learn how dyslexic brains work differently. This workshop will focus on best practices in reading with a specific focus on supporting students with dyslexia. The three types of dyslexia will be reviewed along with evidence based practices for teachers to implement for each type (based on Dr. Steven Feifer's expertise). To conclude, we will discuss four factors that support the development of reading comprehension for all students.

#### **Session ID: 215**

##### **Coaching Students to Success**

Brandon Love  
IMPERIAL 1

FRIDAY 10:00 AM - 11:15 AM

Secondary

#### **Effective Teaching Practices**

Connecting with students can be challenging. Helping them find their path is even harder. Having coached and helped some of the most disengaged students, we've learned how to consistently guide youth to connect with their authentic goals. In this hilarious and interactive workshop, we'll share our most effective strategies to help students map out and move toward their best possible path. We'll also share the three mistakes most adults make when working with students, how to overcome apathy, and effective approaches to handling disgruntled parents. With lots of examples and chances to practice, you'll leave as a better coach

#### **Session ID: 121**

##### **Press Start: Bringing Video Games into the Humanities Classroom**

Greg Overguard

TELUS 103

FRIDAY 10:00 AM - 11:15 AM

Secondary

##### **Social Studies**

This session will showcase a variety of ways to incorporate the study of video games into a high school and/or junior high humanities classroom setting. This session is not about ways to "gamify" a traditional course or classroom, but rather focuses on the merits of studying video games themselves, similar to the method in which we use documentaries, feature films, and other media in both English Language Arts and Social Studies settings.

As one of the most popular and widespread forms of media in the contemporary world, video games can be used as an excellent medium to promote critical thinking, literacy, and other 21st century competencies. While at one point regarded as a fairly niche hobby, the video game industry is now larger than the movie industry and has become a part of many people's daily lives. Video games are no longer the exclusive domain of consoles and high-end computers, but have become part of mainstream pop culture via smart phones. As such, the study of video games in a classroom setting is a reflection of society's evolving relationship with technology as entertainment.

The presentation will focus on the experiences of the speaker in creating and implementing a curriculum of "Gaming Studies" as a Grade 9 level option course. These experiences will provide insight and advice on both logistical and pedagogical considerations. Teachers will be presented with suggestions for how to make use of video games as a substitute for (or in conjunction with) traditional texts and films that are used as the basis for study in the humanities. Additionally, the use of video games as an engagement tool for non-academic, marginalized, and otherwise at-risk students will be discussed.

#### **Session ID: 222**

##### **Exploring Functions: Linear, Quadratic and More**

Rosalind Carson

TELUS 105

FRIDAY 10:00 AM - 11:15 AM

Secondary

##### **Mathematics**

This session will provide kits of materials for students to explore the properties of various functions. The intent is for the explorations to occur before formal learning of these concepts, as it stimulates critical thinking, visualization, conversation and debate for a huge variety of connections and specifics about functions. Electronic versions of the materials will be provided to the participants. Teachers will be provided with samples of the materials to explore during this session.

**Session ID: 286**

**Using Repertoire to Create a Successful Festival Experience (Even with limited instrumentation)**

Tricia Howe

IMPERIAL 2

FRIDAY 10:00 AM - 11:15 AM

Secondary

**Fine Arts-Music**

Regardless of Ensemble size, you can create a successful festival experience for your students by knowing what adjudicators look for, and choosing the best music for the band. In this session, we will discuss and listen to festival appropriate material that is most suited to ensembles under 50 players, and specific requests and comments that have been shared by adjudicators at many festivals.

**Session ID: 46**

**Substitute Teachers: Strategies that Work**

Gregory Markusson

GLEN 210

FRIDAY 10:00 AM - 11:15 AM

All Grade Levels

**Effective Teaching Practices**

Substitute teachers have an opportunity to make a positive and long-lasting impact on students, teachers and administrators. Putting a few basic strategies into practice, helps minimize stress and creates opportunities for establishing positive meaningful relationships. By strategically approaching each teaching assignment, substitute teachers can open up possibilities to become frequently called upon by various teachers in the same school, establishing them as welcome ongoing members of the school community. Come and learn how you can maximize your substitute teaching potential.

**Session ID: 110**

**Teachers in Popular Culture**

Mario Trono

MACLEOD HALL A

FRIDAY 10:00 AM - 11:15 AM

All Grade Levels

**Issues in Education**

It matters how teachers get represented in film, television, and online because popular images leave strong and lingering impressions. They shape how governments, parents, students, and even teachers themselves envision and treat the profession. How the teaching profession looks in the public eye carries clear implications for classrooms, political support, and community relations. This talk will begin by surveying popular teacher images from the 20th-century, along with the public opinions that accompanied them. Next, reasons will be given for why the visual mass media are so powerful both cognitively and ideologically. Then, popular images from the

last two decades will be shown and connections made between them and public perceptions of teaching, including the emerging professional identities of pre-service teachers. The talk concludes with a look at how teacher advocacy groups have responded with images and video of their own to better represent teachers on the visual commons.

**Session ID: 101**

**Insight into Equality: K - 3 (What that "equal sign" really means!)**

Wanda Dechant

GLEN 202

FRIDAY 10:00 AM - 11:15 AM

Elementary

**Mathematics**

Did you know that misconceptions about the meaning of the equal sign can interfere with students' ability to develop and maintain both fluency and accuracy as they practice the number operations? The Alberta curriculum introduces the equal sign in the primary years because understanding equality forms the foundation for flexibility with number sense.

In this session, we will explore

- A variety of short, simple tasks
- A selection of student samples

We will examine what students are expected to know and be able to explain and demonstrate in regards to equality.

For more information, visit the Elementary Mathematics Professional Learning Opportunities website at <http://learning.arpdc.ab.ca>

**Session ID: 97**

**TRC Calls to Action--Opening up conversations in safe learning spaces**

Jennifer Markides Jennifer MacDonald Jennifer MacDonald

IMPERIAL 6

FRIDAY 10:00 AM - 11:15 AM

All Grade Levels

**Issues in Education**

The Truth and Reconciliation Commission released the Calls to Action in June 2015. This document calls all Canadians to action, but what does that mean for you in your classroom? This session will be informative and participatory in the spirit of reconciliation, looking specifically at the Legacy in Education calls 6-12, and Reconciliation for Education calls 62-65.

In 2016, the two speakers conducted a duo-ethnographic reading (see Sawyer, Norris, & Lund 2012; Norris & Sawyer 2013) of the 94 Calls to Action. Through their research, they found that opening spaces for dialogue was an important first step toward negotiating the truths between us. Residential schools and intergenerational traumas are weighty but important topics to learn about and to teach. We hope that our session will offer practical in roads to taking-up these and other "difficult knowledge" (Britzman 1998) in the classroom.

References:

Britzman, D. P. (1998). *Lost subjects, contested objects: Toward a psychoanalytic inquiry of learning*. Albany, NY: Suny Press.

Norris, J., Sawyer, R. D., & Lund, D. (Eds.). (2012). *Duoethnography: Promoting personal and societal change within dialogic self-study*. Walnut Creek, CA: Left Coast Publications.

Sawyer, R. D., & Norris, J. (2013). *Duoethnography. Understanding Qualitative Research*. New York, NY: Oxford University Press.

Truth and Reconciliation Canada (2015). *Truth and Reconciliation Canada: Calls to Action*. Retrieved from: [http://www.trc.ca/websites/trcinstitution/File/2015/Findings/Calls\\_to\\_Action\\_E](http://www.trc.ca/websites/trcinstitution/File/2015/Findings/Calls_to_Action_E)

**Session ID: 301**  
**Hot Topic: What You Need to Know About the New Quality Standards**

Mark Yurick  
MACLEOD HALL D  
FRIDAY 10:00 AM - 11:15 AM  
All Grade Levels

**Issues in Education**

New Quality Standards are coming! In a year or so, all educators in the province will be held to these new standards and must be able to demonstrate that they meet the included competencies. This is one of the first opportunities for the province's teachers and principals to look closely at the new standards and discuss them with ATA leaders who were involved in their development. In this session you'll explore the competencies and indicators of the new Teaching and School Leader Quality Standards with a keen eye to how they can be met and implemented. The road ahead may seem daunting, but this session will help you map out the journey, identify resources that you can access, and connect with those who can provide guidance along the way.

**Session ID: 233**  
**Five Minute Field Trips**

Gareth Thomson  
TELUS 104  
FRIDAY 10:00 AM - 11:15 AM  
Elementary

**Science**

Environmental education is cross-curricular by its nature and is a great vehicle for students to apply skills in real-world contexts. This session profiles "Five Minute Field Trips", a 'greatest hits' compendium of experienced environmental educators' favourite activities. Explore the many different ways you can use your schoolyard for different learning experiences and the many ways to use environmental education to integrate learning across subjects. In this session, we'll "learn by doing" as many of these activities as possible. These are great activities to help you and your students be comfortable in spending time in nature right in your own schoolyard.

**Session ID: 83**

**Tips and Tricks to incorporate Google Classroom into your teaching routine**

Michael Zhang  
GLEN 206  
FRIDAY 10:00 AM - 11:15 AM  
All Grade Levels

**Technology**

Whether you are starting to use Google Classroom or are a seasoned veteran. This workshop will provide time-saving tips and tricks to use Google Classroom to set the pace of your lesson, improve communication to parents and students, and provide feedback to student assessment.

**Session ID: 295**

**Literacy: The Wonder Years - Creating a Love of Reading from the Start**

Jenn Munton  
GLEN 203  
FRIDAY 10:00 AM - 11:15 AM  
Early Childhood

**Language Arts/English**

Beginning with an overview of key components needed to create an engaging reading program, this session will end with participants working in small groups and exchanging ideas in a 'roundtable' format. Topics covered will include how to implement a successful home reading program, bringing read-alouds to life, engaging children through puppetry and finally, an overview of favourite current children's picture books.

**Session ID: 268**

**Using Technology in an Immersion Setting**

Gregg Silver  
GLEN 209  
FRIDAY 10:00 AM - 11:15 AM  
Secondary

**French Immersion**

Come participate in an interactive French immersion session in which we use modern technology to teach a second language. We will have fun learning, speaking, acting and singing with the use of computers, cameras, cellphones and music. Come acquire techniques and ideas that you will be able to take right back to your classrooms to the enjoyment to the learning process.

**Session ID: 188**

**Further exploration of randomly-generated WIRIS quizzes for Moodle (Part 2, after Intro session)**

Trevor Armstrong  
TELUS 106  
FRIDAY 10:00 AM - 11:15 AM  
Secondary

**Mathematics**

BRING YOUR LAPTOP! You will need a laptop with Java and Firefox installed.  
Java: <https://java.com/download>  
Firefox: <https://getfirefox.com>

PLEASE ALSO PLAN ON ATTENDING THE INTRODUCTORY SESSION

We will be continuing our work in the intro session; it is expected for this second session that you are already familiar

with building basic WIRIS questions, including the use of: graphs, random number generation, and simple variable calculations. (All covered in the Intro session.)

## INTRODUCTION

In this session, you will learn about more powerful tools that WIRIS offers. We will explore how to find new functions and features in the WIRIS documentation, and cover some specific functions that enable more powerful question generation.

Topics will include:

- \* how to restrict random numbers to only come from a set list of values
- \* useful math functions, like greatest common divisors, factoring, polynomial manipulation, etc.
- \* simple program flow: if/else statements to allow changing questions dynamically based on values
- \* how to work through a problem step-by-step with variable calculations to show students a full problem solution after they submit their quiz

## WHAT WILL YOU GET OUT OF THE SESSION?

We will go through building a factoring question step-by-step as an example, using all of the skills above. You will then have time to build (a) question(s) of your own, that should be ready to go for Monday.

I will also give you a file to import and use as models for your own questions, which include many of the WIRIS questions I am using in my class. Examples include comments from me explaining each step in the problem generation.

## WHO IS THIS SESSION FOR?

This session is for teachers who are comfortable with using algebra to solve problems, and who have a strong interest in technology. (The key skill required to write complex WIRIS questions is to be able to break problems down into step-by-step calculations.) No programming experience or knowledge is required, but an interest in technology is a must!

Please plan on attending the intro session first, unless you have experience using the “variables” tab in WIRIS questions.

## Session ID: 159

### Interactive Notebooks for Math and Science

Cherra-Lynne Olthof

TELUS 110

FRIDAY 10:00 AM - 11:15 AM

Secondary

### Science

Interactive notebooks are a great way to combine note taking, critical thinking, and analysis in one place. It provides both a way to summarize a unit but also a different way for students to interact with information. Students engage with information in an interactive way that takes them beyond merely just "writing the notes" and encourages them to be creative. I will have sample student notebooks on hand from my own Grade 6 students (past and present) that can be viewed. I will also lead you through the creation of an interactive notebook using Grade 6 curriculum but using strategies that can be adapted to your own classroom. Last I will show you where to find some creative ideas for interactive

notebooks and give you tips and tricks for getting starting right away in your own classroom. This session will be geared towards upper elementary and middle school but I have seen them used successfully in high school classes as well.

## Session ID: 2

### Teaching internationally: A personal perspective

Greg Williams

IMPERIAL 3

FRIDAY 10:00 AM - 11:15 AM

All Grade Levels

### Issues in Education

Did you know that almost every major city in the world has schools that employ English speaking teachers? These schools primarily cater to ex-pat students from diplomatic and executive families transferred to these cities for employment. After 27 years teaching at Chestermere High School in The Rockyview School Division, I moved to Germany and finished my career with 8 years at Frankfurt International School. I will share my experiences there, the process that got me the job and my perspectives on international teaching. I will also draw on the experiences of two of my old Chestermere students who are currently teaching in Bangkok and Singapore and my own son who is teaching in Phnom Penh, Cambodia and will be moving to Taipei in August 2016. Other stories will come from friends and colleagues who are teaching or have taught recently in schools in London - England, Lugano - Switzerland, Barcelona - Spain, Luxembourg, Shanghai - China, Hong Kong, Dubai - UAE, Muscat - Oman, Mumbai - India, Sao Paulo - Brazil, Panama City - Panama, Lusaka - Zambia and Dar es Salaam - Tanzania.

## Session ID: 209

### Reptiles In Education

Jason Clevett

GLEN 204

FRIDAY 10:00 AM - 11:15 AM

Elementary

### Science

Reptiles and Amphibians are a fantastic educational resource in the classroom. They are non-allergenic, low maintenance and a fit for every animal related aspect of the science curriculum. Learn how to incorporate cold blooded creatures into your programming. The session will cover themes such as life cycles, needs of plants and animals, small crawling and flying animals, wetlands and more. Session will include live animals and the option of meeting and interacting with them.

## Session ID: 204

### Choral Conducting 201

Colleen Whidden

IMPERIAL 9

FRIDAY 10:00 AM - 11:15 AM

All Grade Levels

### Fine Arts-Music

Want to refine your choral conducting skills for use in the general classroom, elementary music classroom or secondary choral rehearsal? This session will offer you the opportunity to conduct a choir made up of your colleagues on a selection of appropriate elementary and secondary choral

music. Working with this choir will allow for a hands-on experience of hearing immediately how your gesture shapes the vocal sound of the singers. For those of you who choose to conduct, you will receive feedback on your gestures from a professional choral conductor and educator. This feedback will help you to expand your range and variety of patterns that will enhance your students' musical experience in the classroom. For those who choose not to conduct, watching a fellow conductor, hearing the choir's response, and listening to the clinician's evaluation will aid in improving the understanding of the importance of appropriate gesture. The repertoire will be educationally sound, appropriate for elementary and secondary ability, and will help promote your choral music program. Come ready to watch, listen, and conduct!

**Session ID: 244**  
**(PRE-REG) Exploring the Universe: In-School Field Trip Inside a Digital Planetarium**

James Durbano  
IMPERIAL 7  
FRIDAY 10:00 AM - 11:15 AM  
All Grade Levels

**Science**

Step inside the AstroDome Planetarium as we explore the universe together. This workshop session will showcase how a modern digital planetarium can be used to enhance learning, with particular emphasis on how it can promote student understanding of the spatial concepts that students often struggle with in grade 6 (Sky Science) and grade 9 (Space Exploration). Concepts such as circumpolar constellations and the altitude-azimuth coordinate system are so much easier to understand after viewing them in the immersive environment created inside the planetarium.

In addition, you can watch as the night sky comes alive as the stars are connected together to form stick-figure constellations, followed by full-colour artwork superimposed onto these stick-figure constellations. Then watch as the constellations move across the sky, rising in the east and setting in the west.

The daytime sky will also be explored. You will see how the angle of the Sun above the horizon (at midday) changes over the course of the year and you will even be able to measure the angle quite easily. Observations that would normally take a year to record outside can be simulated inside the planetarium in as little as five minutes.

Grade 9 teachers will enjoy watching excerpts from the full-dome movies, "Two Small Pieces of Glass: The Amazing Telescope" and "Back to the Moon for Good". Both of these movies fit nicely with the Science 9 curriculum and explore topics such as spectroscopy, red shift and blue shift, adaptive optics, geocentric and heliocentric models of planetary motion, as well as satellites and space probes.

Kindergarten teachers will not want to miss the excerpts from the cross-cultural planetarium show entitled, "One World, One Sky: Big Bird's Adventure", which is often described as a brilliant spectacle of light and colour. This amazing adventure allows young children to explore the night sky and learn about the Moon, the Big Dipper and the North Star, while at the

same time opening their eyes to the sky and helping them see how people all over the world are connected.

Some hands-on activities will be introduced and demonstrated and participants will be able to take away some Monday-morning-ready resources that will facilitate student engagement in their

**Session ID: 272**  
**Bring Out the BEST in Your Staff**

Chris Wejr  
MACLEOD HALL B  
FRIDAY 10:00 AM - 11:15 AM  
All Grade Levels

**Administration**

How do we build an organizational culture that helps staff members to thrive and creates the conditions for innovation? Strengths-based leadership provides the lens and mindset that brings out the best in staff members and creates the conditions for increased trust, more collaboration and sharing, and a resulting climate in which people want to excel. Chris will share proven ideas and powerful stories from schools, tied in with research supported by the business world, to encourage formal leaders to embrace a strengths-based mindset to make that important shift to a more positive organizational culture in schools and bring out the BEST in staff.

**Session ID: 242**  
**DANCEPL3Y (dance-play) - Developing Physical Literacy Through Dance**

Tracy Lockwood  
IMPERIAL 4  
FRIDAY 10:00 AM - 11:15 AM  
All Grade Levels

**Phys. Ed./Health**

Students are motivated by dance, yet teaching kick ball change...pop and lock can be intimidating even to the seasoned educator. It's time to bring playfulness back to the gym as we help students develop physical literacy using today's most popular music! Join us for an active DANCEPL3Y class where you'll learn simple movements from a variety of dance styles (Hip Hop, Urban, Ballroom, Bollywood, Lyrical, Jazz/Funk) and explore the elements of dance while developing fundamental movement skills! Forget 5-6-7-8 or right foot/left foot choreography - the 'rules' of dance are removed and modified to allow each participant to experience success while discovering their unique "style" in a playful and interACTIVE way! BONUS - playlists and moves will be shared with everyone who comes to bust-a-move.

**Session ID: 198**  
**"21st Century Learning: Hype or Hope?"**

Bill Belsey  
EXHIBITION HALL E  
FRIDAY 10:00 AM - 11:15 AM  
All Grade Levels

**Technology**

Billions of dollars have been spent putting computers in classrooms and connecting them to the Internet with much hyperbole as to how this would transform teaching and learning. In many cases, the reality has not lived up to the

hype. This presentation, led by public educator and ICT pioneer Bill Belsey, will tackle this question head-on by offering many practical and exciting examples as to what a truly connected classroom looks like. This unforgettable presentation will share a wealth of classroom-based project ideas, free world-class learning resources and a broad and inspiring vision as to how the innovative use of information technologies CAN support and enhance teaching and learning in ways that were previously unimaginable. This presentation will draw heavily upon the work of Mr. Belsey's classroom teaching experiences of more than thirty years. Mr. Belsey's work was featured at the Canadian Museum of Civilization as one of Canada's ED-Tech pioneers. He is a winner of the Prime Minister's Award for Teaching and has been recognised as a Fellow of the World Technology Awards.

**Session ID: 140**

**The Purity Pandemic | dealing with disaster in our postmodern world**

Peter Hill

TELUS 107

FRIDAY 10:00 AM - 11:15 AM

All Grade Levels

**Religion**

We are in a crisis. Our students are being faced with choices that they are ill equipped to make. A society of pornography and rape culture is infiltrating our well-being with incredibly severe consequences. We shy away from discussing the issues & pay a huge price. Not for the faint of heart, Peter offers an in-depth and in-your-face talk to teachers & educators about purity. While from the perspective of the Christian faith, principals shared transcendent religious backgrounds. It's time to talk about it. It's time to fight back.

**Session ID: 282**

**(PRE-REG) Art Across Cultures**

Kimberley Lewis

IMPERIAL 5

FRIDAY 10:00 AM - 11:15 AM

All Grade Levels

**Fine Arts-Visual**

Join this hands-on session as we explore the joy of marbling paper using shaving cream, the versatility of Lino print, as well as the excitement of creating colourful Gytaku [fish] prints. During our time together we will discuss the history and cultural significance of paper marbling, lino prints and Gytaku. We will discuss how these art activities can be used in other curricular areas and best practices will be shared. Each participant will leave with a project sheet, and visual example of each project.

These projects have been successful with various age groups [grades 2-12].

Please note there is a \$10 fee for this session to cover the cost of materials. Pre-registered participants, please bring the fee to the session.

**Session ID: 263**

**The Inside Scoop on Parliament**

Jennifer Williams

TELUS 101/102

FRIDAY 10:00 AM - 11:15 AM

Secondary

**Social Studies**

In October I attended the Teachers Institute on Parliamentary Democracy in Ottawa for a week (something only a Social Studies teacher could be excited about). I will share with you the ideas and insights I gained from the experience and from teachers who also attended from across the country. You will leave with ideas on how to teach Canadian government in an engaging way.

**Session ID: 251**

**Using Learning Journals to Organize and Synthesize Student Learning**

Linda Kroeker Breanne Davidson Breanne Davidson, Jenna Dimnik

MACLEOD HALL E4

FRIDAY 10:00 AM - 11:15 AM

Elementary

**Effective Teaching Practices**

Learning journals increase student engagement, allow for ongoing learning and continuous review of subject content. During this hands on session participants will learn how to effectively use learning journals to collect, represent and synthesize learning in a creative way. Please bring a \$2 participant fee to cover the cost of a fineliner and art supplies.

**Session ID: 224**

**It's just a game...unless you make it more**

Courtney Armstrong

IMPERIAL 8

FRIDAY 10:00 AM - 11:15 AM

All Grade Levels

**Student Leadership**

A game can be just that - a game. When someone is captivated in play, we have an amazing opportunity to focus their attention to simple, profound life lessons demonstrated in our game play. During this workshop we will play and with simple framing - we can turn a game into something more. This workshop will give you some great ideas for interactive games that can be used in any classroom, in any subject. Build life skills, challenge students to be more creative in their problem solving, and develop community in your classroom.

**Session ID: 235**

**SchoolCoach.ca - Online Coach Education**

Michael Steele

GLEN 205

FRIDAY 10:00 AM - 12:45 AM

Secondary

**Phys. Ed./Health**

Alberta Schools Athletic Association has created an online resource for teacher-coaches: SchoolCoach.ca. On this site, teacher-coaches can access a number of great resources that educate users on various aspects of coaching at the interscholastic level. Current course offerings include:

Fundamentals of Coaching

Teaching & Modeling Behaviour

Engaging Effectively with Parents

Concussions in Sport: What You Need to Know

Athletic Injury Management

Safety Guidelines

Legal Course for Coaches  
Coaching Volleyball Fundamentals  
Coaching Basketball Fundamentals  
Coaching

This session will enable delegates to access any number of the available courses free of charge. Some of the courses do have a cost associated with them (\$35 to \$85, with most being \$35), but each participant in the session will receive free access to whichever course they would like to work through at convention.

Teachers Convention is the ideal place to deliver such a course because typically, coaches don't have any opportunity to collaborate or discuss the material - running this session at convention allows for sharing and discussion that would not otherwise be possible. Further, a number of groups including the ASAA, Calgary Board of Education, and other schools and school boards around the province have instituted policies mandating coaches have completed a number of the courses - primarily the free Concussions course. This allows teacher-coaches to utilize time at convention to access this widely regarded professional development that offers critical information that could save a child's life. ASAA Assistant Director Michael Steele will be onsite to answer any questions about the courses and learning management system, as well as offer support to those who need it.

Delegates should be prepared to bring a laptop, as well as their own pair of headphones. Registration for the School Coach.ca course will be done at the convention on site, once you arrive to the session. Delegates will not be required to bring payment for the course as everyone gets one free license.

**Session ID: 41**  
**Envisioning a Collaborative Response Model: Supporting ALL students**

Kurtis Hewson Lorna Hewson Lorna Hewson  
MACLEOD HALL E3  
FRIDAY 10:00 AM - 12:45 AM  
All Grade Levels

**Administration**

It is virtually impossible for a teacher to know how to successfully provide instruction and support for all students in diverse, inclusive contemporary classrooms. Come learn about a Collaborative Response Model, a school framework that values collaborative, action focused responses, data-informed discussions, and timely intervention to ensure all students can experience success. Come learn how school administration and inclusive learning support leadership teams establish school-wide structures to ensure support for every student in our schools and across our districts. Numerous Alberta school and district examples, as well as access to a myriad of resources will be provided.

**Session ID: 313**  
**Studio Bell - National Music Centre: Open House for Teachers (Drop In: 10-5)**

Marcy Belva  
OFF-SITE  
FRIDAY 10:00 AM - 12:45 AM  
All Grade Levels

**Fine Arts-Music**

At Studio Bell, home of the National Music Centre, we will offer free admission to teachers (who show Teachers ATA card) to our galleries during our open hours 10 am - 5 pm on Friday, February 24, 2017.

**Session ID: 47**  
**Cover Letter, Resume and Interviewing Guidelines**

Gregory Markusson  
GLEN 210  
FRIDAY 11:30 - 12:45 PM  
All Grade Levels

**Miscellaneous**

If you're planning to apply for a new teaching position, this session will provide you with guidelines as to how you can make your written documents and personal interview rise above the others. You will be given an opportunity to reflect upon and articulate your fundamental beliefs and values about teaching and learning. You will gain an insight into this staffing process from the perspective of a retired principal.

**Session ID: 248**  
**Lights Camera ReconciliACTION!**

Darlene Cox Paul Rasporich Paul Rasporich  
TELUS 101/102  
FRIDAY 11:30 - 12:45 PM  
Secondary

**Student Leadership**

An Experiential Learning Project, Indigenous and Non-Indigenous students write, direct, act and produce film(s) under the direction of professional Indigenous filmmakers, actors, mentors. The theme of the project is Reconciliation through the eyes of the Youth. The session will include a screening of the films created by 50 students of Oilfields High School in Black Diamond Alberta. (30 minute film). This was a pilot project completed in April 2016 at Oilfields High School. Question and Answer period upon end of film.

**Session ID: 229**  
**Motivation from Within - Moving Away From Points, Prizes, and Pizza Parties**

Chris Wejr  
MACLEOD HALL B  
FRIDAY 11:30 - 12:45 PM  
All Grade Levels

**Issues in Education**

The vast majority of our students enter our schools in kindergarten with high motivation to learn but as they progress up through the grades, motivation and engagement tends to fade. Due to the many challenges facing our schools, educators often resort to a variety of incentives to try to motivate students to learn and behave to help create the optimal learning environment. This session will challenge participants to rethink the use of incentives and encourage them to look at ways to create the conditions for students to motivate themselves. The following will be discussed:

- the long term issues that can be caused by incentives/rewards
- ideas to create the conditions for long term (more intrinsic) motivation

- how short term punishments can create further behaviour problems with students

Participants will be challenged reflect upon their current views of student motivation and come away with ideas and strategies to move toward more intrinsic motivation in their classrooms and schools.

**Session ID: 199**

**Healthy Bodies, Healthy Relationships, Healthy Boundaries: Talking and Teaching about Healthy Sexuality in Youth with Intellectual Disabilities**

Heather Cobb Wendi Lokanc-Diluzio Wendi Lokanc-Diluzio, Dr Sandra M. Reilly  
TELUS 103

FRIDAY 11:30 - 12:45 PM

Secondary

**Diversity/Learning Support**

This session will introduce participants to a new website for service providers and parents and report on research that was conducted to evaluate training programs to build capacity. Tascc.ca (Talking about Sexuality in Canadian Communities) is a venue for service providers and parents to access current resources and information that reflects best practice in sexual health education and promotion. The website offers practical tools and strategies for working with high risk youth and youth with disabilities.

TASCC was developed after parents and providers identified a gap in support and information for teaching children and youth with disabilities about healthy relationships and sexuality. Although all Canadians have the right to sexuality education, children and youth with disabilities do not always receive it. They experience similar physical, social and emotional changes as their typically developing peers but may miss out on learning opportunities because parents and providers don't feel supported to talk about sexuality. Children and youth who receive sexuality education that focuses on their needs are less vulnerable to abuse and sexual exploitation and have healthier friendships and relationships.

Participants will be given a guided tour of the website, which will highlight key areas related to classroom teaching and learning. Topics will include puberty and sexual development, hygiene and self-care, healthy boundaries and relationships. Research findings will also be shared discussing the value of training workshops for parents and providers to build knowledge, comfort and self-efficacy. Tascc.ca and the associated research project are managed out of the Alberta Health Services Sexual and Reproductive Health Program, Calgary Z

**Session ID: 310**

**The Challenges, and Rewards in Developing an School Wide Outdoor Education Program**

Steven Kotowich

GLEN 203

FRIDAY 11:30 - 12:45 PM

All Grade Levels

**Phys. Ed./Health**

In this session, I will introduce some of the reasons why there is a need for outdoor programming in today's

education system, some of the challenges facing schools when implementing an outdoor program and the definite rewards not only to the students or staff involved, but to the entire school and surrounding community. The discussions will be based on the program model being developed at the Grade 1-9 Westmount School in Okotoks.

**Session ID: 249**

**Igniting a Campaign for Third Grade Reading in Alberta**

Stacy Collyer

GLEN 201

FRIDAY 11:30 - 12:45 PM

Elementary

**Language Arts/English**

Reading ability at the end of grade 3 is one of the strongest indicators of a child's quality of life as an adult and a key predictor of high school graduation and career success. We know that too many Albertan children are struggling readers and that those from low-income families are particularly at risk.

Calgary Reads has established a local chapter of the Campaign for Grade-Level Reading. The Campaign is a U.S. collaborative effort of funders, nonprofits, government agencies, business leaders, and communities working together to identify and improve three root causes of poor grade 3 reading ability, namely: readiness for school, attendance in school, and summer learning.

Stacy will speak about the growing Alberta chapter and offer simple steps educators can take in their schools and ideas for engaging families and communities to help ensure that every child is successfully reading by the end of grade 3.

**Session ID: 197**

**Feeling Drained? How to Beat the Burnout & Make Work Fun Again**

Joel Hilchey

MACLEOD HALL D

FRIDAY 11:30 - 12:45 PM

All Grade Levels

**Wellness**

We pour our energy into our jobs, but too often, we're left feeling drained and tapped out. This presentation will help you get back on track: Hilarious demonstrations, insightful exercises to figure out what's causing your burnout, and inspiring stories of success. You'll leave energized and empowered.

**Session ID: 297**

**(PRE-REG) Robotmania! Programming made easy!**

Nadya Schewczyk

IMPERIAL 8

FRIDAY 11:30 - 12:45 PM

All Grade Levels

**CTS**

Are you looking for some sensational robots? Are you planning in kicking off a makerspace in your school and are looking for some neat technology to add? And/Or are you interested in how to teach programming in a fun and engaging way? This short session will spark the excitement in every maker in you!

I will introduce you to four powerful, affordable, thrilling robots that can all be controlled by block-based programming and I'm not talking about LEGO Mindstorms Education. This session is packed with ideas and inspiration on the hardware and the teaching of coding. Join this session and see all four robots live in action!

**Session ID: 61**

**Sleep Better**

Donna Freeman  
IMPERIAL 6  
FRIDAY 11:30 - 12:45 PM  
All Grade Levels

**Wellness**

Better sleep can be yours. Learn tips and techniques to get into bed more relaxed and get out of bed more rested. Discover a restorative yoga routine, relaxation and breathing techniques, how to create a sleep haven and more during this interactive workshop.

**Session ID: 72**

**Inquiry and Problem Based Learning in Mathematics: A Thematic Approach to Meeting Outcomes.**

Dan New  
TELUS 105  
FRIDAY 11:30 - 12:45 PM  
Secondary

**Mathematics**

Participants in this session will progress through a scaffolded approach to instructional design for problem based learning in secondary mathematics. Participants will be introduced to a thematic approach to instruction that combines concrete learning to contextual tasks, which is often a challenge in upper mathematics grades. The session will involve a collaborative design process. Teachers will identify a unit or concept they wish to redesign and an accompanying thematic alignment for the outcomes for that concept. They will then work with other session participants to create an inquiry or project based process for students to encounter throughout the unit. The participants will leave the session with two examples of thematic units in grade 9, a whole year grade 9 thematic project, and the beginning of their new design for a unit of their own.

**Session ID: 152**

**Students with Scars: Understanding Self Injury**

Ariel Haubrich  
MACLEOD HALL E2  
FRIDAY 11:30 - 12:45 PM  
Secondary

**Counselling**

The reality of the pain and struggles that many of our students experience is becoming more apparent, and unfortunately the coping strategy of "self-harm" is becoming more common. There is a lot of fear, misunderstanding, myth, judgement and confusion surrounding why and how students self-injure and we are left wondering how best to react (or not?) and support them as they cope. This session will provide some insight into the reasons students self-harm, the various forms this behavior can take, and the best strategies for prevention and support through both their physical and emotional healing.

**Session ID: 149**

**Seeing Beyond the Mask of Behavior**

Louise Blank  
MACLEOD HALL A  
FRIDAY 11:30 - 12:45 PM  
All Grade Levels

**Effective Teaching Practices**

Many people who saw me as a troubled, depressed youth from an abusive home held little hope for a bright future, except for a handful of beloved teachers who saw beyond the mask of my behavior. Through encouragement and an unwavering belief, they raised my chin and helped me to see that my life did not have to be defined by my circumstances. In return, I repaid them with my respect and living the life they told me was possible. Today, I am a loving mother, whose life is filled with joy, and laughter and a fulfilling writing career. For ten years, I worked with troubled youth to help them see the possibilities beyond their circumstances. By sharing my story, I hope to help teachers see beyond their student's mask of behavior and the amazing potential teachers have for encouraging and influencing the futures of many children stranded at the side of the road.

Back in 2000, I did an on-air piece for CBC titled THE GRAVEL DRIVEWAY. In that piece, I spoke of the simple gestures throughout my childhood that gave me hope. My mother's mental illness and alcoholism gravely impacted my feelings of safety, trust, and ability to give and accept love. But she was only one person. One person, who by virtue of her condition brought so many good people into my life including teachers. While I would not wish my childhood on any other child, I grew to see the learning and the ways in which I became stronger and more compassionate.

Today, teachers face many more troubled kids with complex conditions, all the while trying to deliver a quality education. Seeing beyond the mask of behaviors isn't always easy when they have an overflowing workload. I can offer a look beyond the mask and hope for what is possible to accomplish with troubled kids.

For many children in troubled homes, schools can be a sanctuary provided they are not bullied, or misunderstood. Acting out and anger are all symptoms of a collapsing self-esteem, behavior learned in their home, and some times mental illness. In many cases, there is a way to help kids remove the mask. In this session I will provide strategies my teachers used and that I used as a youth worker and share what worked and what didn't work including:

- Breaking the tension with large doses of humour. Many people in dire situations understand humour because they use it as a coping mechanism. Some of the best comedians came from very dark backgrounds.
- Creative consequences that help students feel successful by exercising their skills. Some of my best essays were written in detention, and as I found out years later posted in the teacher's lounge for their entertainment.
- Lifting spirits with non-condescending encouragement
- Picking your battles - power of non verbal reaction
- Using the secrets of dog whisperers

"We are not defined by our circumstances. Black and blue experiences can be the stones that pave our path to great learning if that's what we choose to believe." - Louise Blank

There will be laughter and there will be tears. And when I'm done I hope that I help some teachers understand that every student who accepts the support and encouragement from a teacher will pay it forward in some way. That's true learning.

**Session ID: 234**  
**Leap into Action**

Gareth Thomson  
TELUS 104  
FRIDAY 11:30 - 12:45 PM  
All Grade Levels

**Social Studies**

New directions in curriculum are focusing on integrated learning with a focus on cross-curricular competencies. Action projects or project-based learning is a great way to start down this path. Want to make your students hopeful about their future? Students who have the chance to actually do something to help the environment are more hopeful and view themselves as part of the solution. In this hands-on workshop, we will do some of the activities from Leap into Action. The resource includes everything you need including a background on action education, assessment ideas, activities to develop some action project ideas with your students, student action project activities, and case studies. You will receive a link to download the resource and other environmental inquiry and action-based resources.

**Session ID: 125**  
**The Secret of Building Personal Connections for students with learning disabilities and ADHD**

Kimberly Tackaberry  
MACLEOD HALL C  
FRIDAY 11:30 - 12:45 PM  
All Grade Levels

**Diversity/Learning Support**

Imagine a class full of students who are productive, motivated and engaged. One secret to setting this scene is the development of strong student-teacher connections. This workshop will share evidence based strategies that support building supportive relationships for students with disabilities. Join this session and engage in dialogue with other teachers sparked from video clips and research articles on this topic.

**Session ID: 274**  
**(PRE-REG) Exploring the Universe: In-School Field Trip Inside a Digital Planetarium (REPEAT)**

James Durbano  
IMPERIAL 7  
FRIDAY 11:30 - 12:45 PM  
All Grade Levels

**Science**

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**Session ID: 26**  
**#Nabara #Na & Tate Wetu: African Song & Dance Lessons**

Garth Prinsonsky  
IMPERIAL 9  
FRIDAY 11:30 - 12:45 PM  
Elementary

**Fine Arts-Music**

Summary:

On the south west coast of Africa lies a country called Namibia. Contrary to the way Africa is typically depicted in mainstream media, Namibia is considered politically, economically and socially stable. This lesson explores the highly positive aspect of African culture through the song and dance customs of the Damara people of Namibia, and hopes to give introduction to the "click" sounds contained in their Khoekhoe language.

Outcome:

Lesson participants leave the lesson equipped with the skills and resources to teach a Damara folk song (#Nabara #Na) to their own students.

Suggested Grade Level: k - 6

Co-Curricular Areas:

**SOCIAL STUDIES:**

- Value the diversity, respect the dignity and support the equality of all human beings.
- Understand that humans exist in a dynamic relationship with the natural environment.

**MUSIC:**

- Music may move to a steady beat.
- Accents may fall on beats that are usually unaccented (syncopation)
- There are many kinds of rhythm; e.g. ethnic rhymes, dance forms such as the waltz, tango.
- Melodies are based on scales: major, minor and pentatonic
- Melodies may be based on other scales; e.g. ethnic, whole tone, atonal, chromatic, modal.
- Two or more melodies can occur simultaneously; e.g. rounds, partner songs, descants.
- Music reflects our feelings about holidays, seasons, our country and cultural heritage.
- Distinguish environmental sounds: school, home, weather, animals, machines.
- Move to the beat in music
- Respond to the beat through action

**Session ID: 146**

**Stage Combat Fundamentals - The Illusion of Violence**

John Knight Brianna Johnston Brianna Johnston

IMPERIAL 1

FRIDAY 11:30 - 12:45 PM

Secondary

**Fine Arts-Performing**

This will be an interactive session exploring the theory and technique of the fundamentals stage combat. Participants will learn practical stage combat skills along with best practices for imparting the techniques to students. A primary focus will be places on the absolute safety of each technique. Additional attention will be given to terminology and stage combat best practices such as the importance of fitting the action to the story and style of a piece of theatre or film.

**Session ID: 56**

**The Good, the Bad and the Ugly: Revisiting Rubrics**

Gerald Knox

MACLEOD HALL E4

FRIDAY 11:30 - 12:45 PM

All Grade Levels

**Assessment**

All rubrics are not created equal! A quality rubric can help teachers and students focus on what really matters. But rubrics can go wrong in all kinds of ways. In this session, take a closer look at the characteristics of a great rubric, learn to recognize and avoid some common pitfalls, and take a look at the AAC tools available to help you create effective rubrics for your classroom.

**Session ID: 17**

**What is a Black Hole?**

Neil Frail Laura Pankratz Laura Pankratz

TELUS 111

FRIDAY 11:30 - 12:45 PM

Secondary

**Science**

In these interactive activities, introduce students to black holes via a range of curriculum topics including kinetic energy, potential energy, universal gravitation, orbits, and the electromagnetic spectrum. Activities based on the life cycle of stars, the formation of black holes, and others will be explored. Resources from the Perimeter Institute for Theoretical Physics will be presented and used.

This material works extremely well with multiple grades, including Physics 30, Science 30, and Science 9.

**Session ID: 178**

**Move More to Learn More: How 5-Minute Activity Breaks can Help Students Succeed at School**

Theresa McIsaac Madelyne Porter Madelyne Porter

IMPERIAL 4

FRIDAY 11:30 - 12:45 PM

All Grade Levels

**Wellness**

Movement increases brain function - it's as simple as that. Join us to learn more about how brief activity breaks can help your students get ready to learn, concentrate, and be more engaged in the classroom. This session is not just for health of PE teachers! Everyone will have a chance to share ideas and leave with practical activities, tools, and resources to boost the learning in their classroom and school.

**Session ID: 103**

**Numeracy: What is it? Where is it? Who's Responsible for it in grades k-6?**

Wanda Dechant

GLEN 202

FRIDAY 11:30 - 12:45 PM

Elementary

**Mathematics**

It's not a big shocker that research tells us early literacy success is directly linked to later literacy success. Research also tells us that early numeracy success is directly linked to later numeracy AND literacy success. In some ways it's like a two for one deal! In this session we will look at understanding Alberta Education's definition of Numeracy and we will explore where it is found in the k-6 grades and what type of activities help to develop numeracy skills.

**Session ID: 91**

**Sing a New Song (no, really...)**

Mike Landry

TELUS 107

FRIDAY 11:30 - 12:45 PM

Secondary

**Religion**

From the time of King David right up until today, music has played an integral part in the worship of the people of God. Today, we have access to an incredible treasury of

music as we teach our students to pray - from both traditional and contemporary sources.

Join ECSRD Chaplain & veteran music minister Mike Landry for a look at resources to find music, criteria to select it, some of his favorites you know (and some you may not!) along with tools to ensure you comply with copyright law.

**Session ID: 205**

**Teaching French through Songs & Games**

Denise Gagne Williamson

GLEN 209

FRIDAY 11:30 - 12:45 PM

Elementary

**French Immersion**

Easy and fun songs and games that will help enliven your French Immersion or FSL classroom, and that support the learning of oral French. These activities are geared for beginning learners, whether that be Division 1 in FI or first FLA learning experiences in French as a Second Language.

**Session ID: 87**

**Maximizing Chromebooks in Class**

Michael Zhang

GLEN 206

FRIDAY 11:30 - 12:45 PM

Secondary

**Technology**

Chromebooks are becoming THE technology of choice because of its relatively low cost, speed, and durability. But without native programs, learn what you can and cannot do with Chromebooks and apps from the Chrome and Play store utilized by teachers and student centered learning. This workshop will explore several techniques for using Chromebooks as a teaching tool, a student-driven learning tool, and apps spanning all subjects and grade levels.

**Session ID: 285**

**Making Small Ensembles work by Design and Circumstance**

Tricia Howe

IMPERIAL 2

FRIDAY 11:30 - 12:45 PM

Secondary

**Fine Arts-Music**

Small ensembles are a part of daily band room life whether by design (ie chamber ensemble, jazz combo), or by circumstance. They are often unfairly judged but can be used to develop programs, interact with the community, and further the musicianship of the students in any and all of the ensembles in a given school. Both larger schools with larger ensembles and smaller schools can use the small ensemble to their advantage. Students become better musicians and leaders, learning responsibility to the ensemble and team building skills. Small ensembles can be used for advocacy in the community, recruiting and retention at feeder schools, and outreach in as many situations as the imagination allows. Curricular goals can be met, more contact time can be achieved on a per student basis, and the programs themselves grow and strengthen as a result.

**Session ID: 34**

**Fundamentals of Photography: Level One**

Tyler Enfield

IMPERIAL 3

FRIDAY 11:30 - 2:15 PM

Secondary

**Fine Arts-Visual**

Fundamentals of Photography Workshop

A camera is like magic box of creativity, just waiting to be opened. The world of your imagination lays hidden within. But without an understanding of your DSLR camera's basic operation, unlocking that creativity can feel daunting. This workshop is designed to open that box, get you out of "auto shoot mode," and put the world of creative photography at your fingertips.

By the end of this workshop, you should have an understanding of:

- Proper exposure/the exposure pyramid
- Focus Auto/Manual
- Composition
- Basic lighting
- Basic guidelines for portraiture, landscape,

This is a hands-on workshop, so please bring your own DSLR camera to practice with.

**Session ID: 16**

**(PRE-REG) VEX Robotics - Competitive Engineering for High School**

Curtis Arends

TELUS 106

FRIDAY 11:30 - 2:15 PM

Secondary

**Technology**

This session is ONLY open to 8 schools. Each registered school can bring 3 teachers. The fee, per school, is \$280. By registering, your school will receive a VEX Dual-Control Clawbot kit, valued at \$800. This incredible workshop will allow your school to jumpstart a robotic program, immediately.

Make them fight! Students always want robots to fight. It is competition like this that drives innovation. In this session, build a "claw bot", program it, and learn how to start healthy competition within your school. Whether you want to build a team that travels to tournaments, or connect a robotics club to course curriculum, we will cover it all!

Over the course of this 3 hour session, you will work to assemble and program your robot, and learn how to organize clubs and teams with goals of fulfilling CTS credits and competing in local tournaments. This is not like LEGO, you will be bending metal & programming using "C", and it will be incredible.

**Session ID: 246**

**(PRE-REG) Think Outside the Brick!**

Andrew Kunz

GLEN 204

FRIDAY 11:30 - 2:15 PM

Elementary

**Effective Teaching Practices**

Why limit your school's Lego collection to just STEM and let only the math and science teachers have all the fun? There are so many more subjects that can benefit from this highly sophisticated interlocking brick system, such as art, social studies and language arts. This is such a fantastic way to allow our kinesthetic learners and those students who usually have difficulty expressing their ideas, on paper, to shine. Lego allows students to develop better problem solving skills that will last a lifetime. Ultimately, my goal is to have participants excited to find other ways to use this magnificent manipulative in their classroom. Participants will be able to show how these activities have cross curricular connections with lessons/activities that have been tried and tested in the classroom. We will also discuss how to start/develop/ expand a useful collection of pieces with a limited budget.

**Session ID: 315**  
**(PRE-REG) Skills Canada Alberta - Prep Your Baking Competitor! (11:45 - 3:00 at SAIT)**

Rolf Runkel  
OFF-SITE  
FRIDAY 11:30 - 2:15 PM  
Secondary  
**CTS**

Join SAIT's Chef Instructor Rolf Runkel for an interactive session that may include breads, buns, and the items on the 2017 Skills Canada Alberta Regional Contest Description! Coffee and refreshments will be provided. Participants are asked to bring an apron and comfortable shoes. All other supplies will be provided, including LUNCH!

This session will be hosted at the SAIT Culinary Campus located at:  
226, 230 8th Ave NW

**Session ID: 306**  
**Understanding the Histories, Cultures and Worldviews of Alberta's First Nations, Métis and Inuit Peoples**

Yvonne Toney  
TELUS 108/109  
FRIDAY 11:30 - 2:15 PM  
All Grade Levels

**Issues in Education**

This workshop provides foundational information that examines First Nations, Métis and Inuit cultures, histories and worldviews. The workshop will model appropriate local protocols and provide opportunities for participants to experience learning strategies that work effectively with aboriginal learners. Participants will receive Education is Our Buffalo-A Teacher's Resource for First Nations, Métis and Inuit Education.

**Session ID: 276**  
**(PRE-REG) Grade 7 - 12 School Program Demos at The Calgary Zoo (12:15-1:45)**

Estelle Blair School Program Interpreters, Keepers, out sourced instructors, program coordinators  
OFF-SITE  
FRIDAY 11:30 - 2:15 PM  
All Grade Levels  
**Science**

This session, at the Calgary Zoo, will begin at 12:15pm and conclude at 1:45, giving delegates enough time to return to the Convention Centre for the 2:15 conclusion of the convention. Delegates are responsible for their own transportation to and from the Zoo. The C-Train is recommended. Pre-registrants must show their ATA card (plastic, paper or digital versions are fine) to get through the Admissions Gate. For sessions starting at 9am, the "Penguin Plunge Cafe" will be open at 8:30 with coffee and snacks. Show your ATA card for a 10% discount. (Any pre-registrants who are guests or associates members will need to check in at the Convention Info Booth, prior to your session, to receive a yellow wristband, in lieu of an ATA card.)

During these 90 minutes-sessions, you will get an overview of all the school programs offered for each division. Curriculum connections will be highlighted and you will get a chance to sample activities that are an integral part of these programs.

**Session ID: 256**  
**How connecting with kids through social-emotional learning can increase their potential**

Jacqui London  
GLEN 208  
FRIDAY 11:30 - 2:15 PM  
All Grade Levels

**Wellness**

Have you ever found yourself not connected to students, or an entire classroom? Perhaps student grades could be better? Or maybe you would like to add some extra tools to your toolbox? While curriculum based learning is the priority in the classroom, there is much research showing that by incorporating the social-emotional piece, it can increase academic learning. By teaching the whole child, we open doors to increase their potential.

In this workshop:

- Understand how children not only have different learning needs, but different social-emotional needs too
- How personal connection increases grades
- Discover how to connect with each child to build deeper relationships.
- Learn how to use individual learning styles to maximize a child's understanding and connect more deeply with them
- Learn to use engaging and powerful questions to access critical thinking
- How Nuero-Linguistic Programming (NLP) skills and strategies can be used to connect with students and communicate effectively
- Mindful minutes; how a short practice can do so much
- Boost a child's confidence and self-esteem
- Integrating social-emotional learning in your classroom
- And more!

**Session ID: 316**  
**Gord Downie's The Secret Path (12:00 - 2:00)**

CBC Documentary  
EXHIBITION HALL E  
FRIDAY 11:30 - 2:15 PM  
All Grade Levels

**Issues in Education**

On October 22, 1966 near Kenora, Ontario, Chanie Wenjack died when he walking home to the family he was taken from over 400 miles away. Fifty years later, Tragically Hip frontman Gord Downie has taken Wenjack's story and turned it into the Secret Path project, which consists of a solo album, a graphic novel and an animated film. The intention for Downie — went public with his diagnosis of terminal brain cancer in May — is to utilize his celebrity to draw attention to Wenjack's story and the legacy of residential schools.

Downie's music and award-winning cartoonist Jeff Lemire's illustrations come together in this animated film.

Immediately following The Secret Path film is The Road to Reconciliation, a special one-hour panel conversation with CBC's Jesse Wente, filmmaker Tasha Hubbard, and National Centre for Truth and Reconciliation director Ry Moran. In an engaging discussion, these Indigenous leaders reflect on how art can help us face the past and work together to change Canada's future.

**Session ID: 189**  
**(PRE-REG) Transform Your Stress with Heart Math: The Resilience Advantage (Personal Stress Reduction)**

Krista Warners Kristin Pilon Kristin Pilon  
TELUS 110

FRIDAY 11:30 - 2:15 PM

All Grade Levels

**Wellness**

Research shows that teaching is a stressful occupation. Common stressors include time pressures, problems associated with class size, inclusive/diverse classrooms, on-going change, and the problems of balancing a heavy workload with home life. This workshop introduces HeartMath's® system of breathing techniques and applied ways to use the techniques as well as a heart rate variability tool that can help you manage challenges and stressors in the classroom and at home.

Course Objectives:

1. To review and self-identify the warning signs of stress
2. To review heart rate variability: What is it? How is it measured? What does it mean?
3. To review how emotions impact heart rate variability, brain, body, and emotional health
4. To view heart rate variability on HeartMath's® Inner Balance application (provided by instructors)
5. To provide practical tools to help manage stress before, during, and after it happens
6. To enhance perception and communication skills

**Session ID: 142**  
**Readers Workshop: Creating Lifelong Readers**

Meaghan Zolpis Amanda Dwyer, Andrea McGeachie  
MACLEOD HALL E1

FRIDAY 11:30 - 2:15 PM

Secondary

**Language Arts/English**

The goal of Readers Workshop is simple – to develop our students into lifelong readers. In society today, adolescents are constantly bombarded with “alternatives” to authentic reading, thus, they do not see how transformative and

beneficial reading can truly be. Inspired by the gurus themselves, this session will dig deep into this not so new methodology and explore how to transform a classroom into a group of passionate, confident, young readers.

In a Readers Workshop classroom, students are given the time to delve into the literature of their choice, conference, connect, explore and escape. The teacher will provide and model various reading strategies. Students will be taught strategies to become more skillful at comprehending text, engage in authentic reading experiences all while focusing on the strengths and needs of each individual student.

This session will not only explore the theory behind Readers Workshop, it will also provide the opportunity to truly experience this workshop model in action. It is a model that will benefit students from all abilities; avid readers are given in-class time to immerse themselves in reading and ESL students are given the opportunity to develop fluency and stamina, all whilst reading the literature of their choice.

Student feedback has been absolutely phenomenal! This is a method of teaching that will appeal to both males and females – that is a promise! Within a few short weeks teachers will see their students transform right before their eyes. One grade 10 student said, “I love Readers Workshop! In the first two weeks I have finished two books. I like how we get time to read. I dislike that we don’t get more time to read!”

Attendees will leave invigorated and inspired! As well, be provided with resources, such as mentor texts and lesson plans, that can be taken back to their classroom where they can then begin to inspire and engage students in Junior and Senior High cla

**Session ID: 269**  
**Judaism in the World: Then and Now**

Gregg Silver  
TELUS 101/102

FRIDAY 1:00 - 2:15 PM

Secondary

**Social Studies**

Understanding Judaism, its rites, rituals, culture and traditions leads to a greater understanding of the roots of other religions. Using video recently shot in Montreal and Israel, we will discuss and investigate Judaism of the past and present in a refreshing way. We will see the similarities and differences to the world's great religions as we investigate this 5777 year old Jewish culture.

**Session ID: 84**  
**How to save time grading written assignments in Google Docs**

Michael Zhang  
GLEN 206

FRIDAY 1:00 - 2:15 PM

All Grade Levels

**Technology**

Explore two Google Docs apps that can save time grading and giving feedback to Google Docs written assignments. Both Goobric and OrangeSlice provide features such as grading with a rubric, peer-to-peer grading, and

formative and summative versions. You can even record an audio message with Goobric! Learn how humanites and language teachers have saved hundred of hours marking essays by using these tools. Bring a Chromebook to follow along with installing the add-ons!

**Session ID: 307**

**Comprehensible Input Activities for the Second Language Classroom**

Kristin Duncan

GLEN 209

FRIDAY 1:00 - 2:15 PM

All Grade Levels

**Other Languages**

This session will introduce storytelling and questioning techniques as well as several other engaging ways of providing comprehensible input to students, including MovieTalk, embedded readings, children's books, and culture.

**Session ID: 90**

**(PRE-REG) Expression and response using Watercolors**

Christina Dixon

IMPERIAL 2

FRIDAY 1:00 - 2:15 PM

Elementary

**Fine Arts-Visual**

During this session, the teachers explore various watercolor techniques (wet-in-wet, wet-in-dry, dry-on-dry, dry-on-wet, flat wash, graded wash, variegated wash) and apply them to create three distinctive art projects. These projects are being demonstrated step-by-step and can be differentiated and adapted for any grade level to address a variety of learning styles. The participants are encouraged to discover their unique inner artistic talents. All the supplies are provided. Registrants, please bring the \$10 fee to the session.

**Session ID: 304**

**Sick Leave - What It Is and What It Isn't**

Lisa Everitt

GLEN 203

FRIDAY 1:00 - 2:15 PM

All Grade Levels

**Wellness**

This session explores what programs teachers have available to them when they cannot teach for medical reasons. Teachers have great medical leaves, pension accrual and group benefits programs including extended health care, life insurance, extended disability, dental care and vision care. Many teachers, however, don't understand these programs. There are also many myths and misunderstandings about what benefits teachers have. Find out the straight goods about these valuable but often misunderstood benefits.

**Session ID: 302**

**What You Need to Know About Curriculum Development**

Mark Yurick

MACLEOD HALL C

FRIDAY 1:00 - 2:15 PM

All Grade Levels

**Issues in Education**

In June, the Minister of Education announced an ambitious overhaul to the K-12 arts, language arts, math,

science, social studies and wellness curriculum in both official languages. The goal is to develop progressive student-centred programs of study that better reflect the province's inclusive classrooms and communities, address topics of current concern (such as climate change, mental health and digital citizenship), and include specific connections to First Nations, Métis and Inuit ways of knowing, perspectives and history. The program of study for each subject area and grade will have a reduced number of outcomes so teachers can better match the curriculum to their context and more deeply explore the content with their students. K-4 programs of study are scheduled for implementation in 2018; 5-8 in 2019; 9-10 in 2020/21; and 11-12 in 2021/22.

In this session, teachers and principals who are excited, worried or merely curious about the changing programs of study will have the opportunity to work with ATA staff who are involved with curriculum development. Participants will receive the unvarnished truth about the process, timelines and progress made thus far, and will engage in a critical discussion about the role Alberta teachers can play in designing the curriculum of the not-so-distant future

**Session ID: 296**

**(PRE-REG) Stop-Motion Wonders on the iPad. Say What?! Quick, Easy and Fun!**

Nadya Schewczyk

IMPERIAL 8

FRIDAY 1:00 - 2:15 PM

All Grade Levels

**Technology**

You always wanted to bring this tremendously engaging art of Stop-Motion animation to your classroom but never knew how to get started, what type of technology to use and what steps are involved to make it a great learning experience?

In this quick spark session, I will show you the easiness and comfort of creating stop-motion animation on the iPad. I will introduce you to the important steps in this creation process. Post-production (editing process) has never been that easy! I will show you multiple apps you can use with your learners. You will also be introduced to neat gadgets to help you set-up your stop-motion station in your classroom and/or makerspace. Feel free to bring your iPad to download the apps presented in this session.

**Session ID: 289**

**Setting up a CISCO Academy**

gerald chung

TELUS 104

FRIDAY 1:00 - 2:15 PM

Secondary

**Technology**

this session will outline the process that schools can take to set up a cisco academy

**Session ID: 283**

**(PRE-REG) Art Across Cultures - REPEAT**

Kimberley Lewis

IMPERIAL 5

FRIDAY 1:00 - 2:15 PM

All Grade Levels

### **Fine Arts-Visual**

Join this hands-on session as we explore the joy of marbling paper using shaving cream, the versatility of Lino print, as well as the excitement of creating colourful Gytaku [fish] prints. During our time together we will discuss the history and cultural significance of paper marbling, lino prints and Gytaku. We will discuss how these art activities can be used in other curricular areas and best practices will be shared. Each participant will leave with a project sheet, and visual example of each project.

These projects have been successful with various age groups [grades 2-12]. Please note there is a ten dollar fee for this session to cover the cost of materials.

### **Session ID: 218**

#### **Easy Magic Tricks to Engage and Inspire**

Brandon Love  
IMPERIAL 1  
FRIDAY 1:00 - 2:15 PM  
All Grade Levels

#### **Effective Teaching Practices**

Capturing the attention of students is growing harder and harder, as attention spans dry up on screens and social media. In this highly entertaining workshop you'll learn several easy-to-master magic tricks that will engage your students and inspire their enthusiastic participation. Master performer and engaging teacher Brandon Love also shares the secrets behind magic's unique attention-grabbing success so that you can turn every lesson into engaging, wonder-fueled learning.

### **Session ID: 273**

#### **Connecting With The Disconnected**

Chris Wejr  
MACLEOD HALL B  
FRIDAY 1:00 - 2:15 PM  
All Grade Levels

#### **Diversity/Learning Support**

We know we cannot teach a child without a connection. Talking about the importance of relationships is nothing new but sometimes we need a reminder of our WHY. With the high volume of tasks, checklists and day to day duties in schools, our why (larger purpose) of making a difference through relationships can somehow get lost. The session is designed to be a summary and a reminder of what is truly important in education.

Connecting with students who are disengaged, acting out, absent, closed down, or have almost given up in school can be very challenging. Sometimes students, no matter how much we seem to try, will continually shut us out and/or push us away. As Russell Barkley writes, "The kids who need the most LOVE will often ask for it in the most unloving ways." We must remember our why, stay the path through the bad and the good to connect with our kids that need it the most.

The session will challenge participants to reflect upon our role as educators and help shift to a more learner-centred approach. Chris will provide some proven ideas to build stronger

relationships with ALL our students and help connect with the disconnected.

### **Session ID: 257**

#### **Teaching Chess to Beginners**

Paul Gagné  
GLEN 202  
FRIDAY 1:00 - 2:15 PM  
All Grade Levels

#### **Miscellaneous**

Come learn how easy it is to teach chess to a class full of student! This would also be applicable to an extracurricular setting. Paul will show you the simplest way to teach this classic game to students being introduced to chess for the first time, from Grade One up. Handouts will be provided that you can use the very next day. Looking for something to motivate and challenge your students that will become a valuable life skill? This is the session for you!

### **Session ID: 190**

#### **Entitlementality (& How to Teach Against It)**

Joel Hilchey  
MACLEOD HALL D  
FRIDAY 1:00 - 2:15 PM  
All Grade Levels

#### **Effective Teaching Practices**

Increasing numbers of students feel "entitled" - to an easy path, late assignments, absenteeism, immunity to discipline, and success without effort; they expect teachers to do their thinking FOR them. We'll discuss classroom tactics to switch entitlementality into empathy, creativity, and effort. With your help, students will put more focus on relationships, gratitude, and citizenship, and they'll learn a healthy approach to mistakes and failure.

### **Session ID: 92**

#### **The Third Place Project**

Mike Landry  
TELUS 107  
FRIDAY 1:00 - 2:15 PM  
Secondary

#### **Religion**

While Jesus spent a time preaching to the multitudes and healing the crowds, the bulk of His time was dedicated to forming and empowering twelve of His followers - those apostles to whom He would entrust a mission that would change the world.

As a school-based chaplain, Mike Landry is seeking opportunities to do the same: to form and empower students to share faith with their peers. The concept is simple: teach young people to love God first and to serve their neighbor second (making themselves 3rd) - and this is bearing fruit in student led retreats and activities based in the schools Mike served. Come and hear about this project and how you might adopt peer ministry into your own school settings.

### **Session ID: 58**

#### **Chair Yoga for the Classroom**

Donna Freeman  
IMPERIAL 6  
FRIDAY 1:00 - 2:15 PM

All Grade Levels

### **Phys. Ed./Health**

Discover how to easily and effectively improve learning and retention by using yoga breaks throughout the day without even getting off your chair. Enjoy an entire session of fun and unique ways to meet DPA requirements and your students' physical & mental needs. Ideal for space constraints, non-existent budgets and fidgety students. Participate in this full body workout which will challenge and surprise you, as well as provide great ideas to use in your classroom.

#### **Session ID: 111**

#### **LinkedIn 101 for Teachers and Administrators**

Lise Stransky

TELUS 111

FRIDAY 1:00 - 2:15 PM

All Grade Levels

#### **Administration**

While LinkedIn's members originally tended to be those in the business world, today the professional networking site boasts a wide array of professions, including those in education. In fact, LinkedIn has a lot to offer both teachers and administrators. Many people think LinkedIn is just for job search, but it is so much more.

It can be difficult to keep up with the ins and outs in the ever changing world of social media platforms. As an educator, the pressures and demands of the school year can quickly become overwhelming and social media takes a back seat to lesson plans, grading, and conferences. However, as a professional in a field where there is seemingly constant change it is important to stay visible. Why should you use LinkedIn, even if you have a job you love? Quite simply, LinkedIn offers educators and administrators professional networking, professional development and visibility.

Not being on LinkedIn, or being on it and using it poorly, can be detrimental. Purposeful, strategic use can bring meaningful benefits. Participants will learn easy ways to use LinkedIn to manage and grow a career.

Learning objectives and takeaways of the session are:

- **YOUR PROFILE:** How to build or enhance your LinkedIn profile with appropriate keywords for maximum impact and effectiveness
- **DON'T SET IT AND FORGET IT!** Easy ways to use LinkedIn to stay current, up to date and active in your field
- **PROFESSIONAL DEVELOPMENT OPPORTUNITIES:** Learn to use LinkedIn as a tool to enhance your own networking and professional development, share your expertise, and maintain contact with colleagues
- **LINKEDIN TOOLS AND GROUPS FOR EDUCATORS:** Understand, explore and try some of the most us

#### **Session ID: 138**

#### **Technology in the Math Classroom | a look at Casio graphing calculators**

Peter Hill

TELUS 105

FRIDAY 1:00 - 2:15 PM

Secondary

### **Mathematics**

Students across the province are beginning to try out Casio graphing calculators because of their user friendly operating system & affordable price. As teachers, it can be nerve wracking to see new models in our classroom. This talk takes a look at the models from the perspective of a teacher using them. Peter works with the models in his own classroom and provides support to other teachers using them. Applications of the calculators to current curricular outcomes & student experiences will be shared. There will also be a draw for some free stuff!

#### **Session ID: 158**

#### **Meeting the learning needs of adopted children**

Ken Hoffman Colleen Clark Colleen Clark

TELUS 103

FRIDAY 1:00 - 2:15 PM

All Grade Levels

#### **Diversity/Learning Support**

This presentation will provide information on the issues facing adopted children that can affect classroom learning. Strategies for fostering the child's sense of self will be provided.

Schools play an essential role in the development of student self-concept. "Who am I?" is a fundamentally challenging question for all children, but it is an especially fraught question for those students who have been adopted. From the child's birth, society's values are such that the needs of the childless couple or biological parents are given priority over the needs of the child. This leads to marginalization of the child, which further interferes with the adopted child's social-emotional development, often manifesting in classroom behavioural issues.

#### **Session ID: 156**

#### **(PRE-REG) Let's Teach Kids to Code**

Bill Belsey

GLEN 210

FRIDAY 1:00 - 2:15 PM

All Grade Levels

#### **Technology**

Coding, or computer programming, is not just for geeks anymore. Coding is now mainstream. Many, if not most things in our lives are connected to coding, either directly, or indirectly. Many schools, school jurisdictions and governments around the world are already incorporating coding into students' learning. Soon coding will be part of our new Alberta Curriculum. This session is for "Newbies", people who are new to coding but don't know where to start. This session is also for those who have already have some experience with coding and would like to share some of their own experiences and helpful resources. This session will focus on learning coding with students from elementary to middle school grades.

#### **Session ID: 153**

#### **Stress, Drugs & Rock 'n' Roll: Managing Stress & the Work-Life Roller Coaster**

Ariel Haubrich

MACLEOD HALL E2

FRIDAY 1:00 - 2:15 PM

All Grade Levels

**Wellness**

Stress looks and feels different for everyone, but we all know what it's like to be overwhelmed, burnt out and ready to throw the stapler! Come learn about your brain on stress, why work-life balance doesn't exist (wait...what??), and how to win at work and life anyway. Information, humor and some practical and strategic "life-hacks" make this session just what the doctor ordered!

**Session ID: 55**

**10 Outstanding Ways to Involve your Students in**

**Assessment**

Gerald Knox

MACLEOD HALL E4

FRIDAY 1:00 - 2:15 PM

All Grade Levels

**Assessment**

Do your students believe assessment is something that is "done to them" or do they see themselves as active partners in the process? In this hands-on workshop, experience 10 great techniques for developing an Assessment for Learning partnership with your students.