

ID: 17 - MAXIMUM: 30 (PRE-REG) Canadian Landscape à la Ted Harrison Friday 8:30 - 11:15 am - SPEAKER: Konikowski

Description:

- Pre-Registration is required.
- There is a participant fee of \$10. Please bring exact change to be collected at the session, by the speaker.

For those who love Canada's North, Ted Harrison is a MUST. His use of vibrant colours and bold lines made him a favourite artist among Canadian students. With the help of chalk-, oil pastels, and mixed media, 3 beautiful sceneries will come to life. The level of difficulty can be adjusted according to the grade level taught. Participants will be provided with a set of handouts and a PowerPoint presentation (bring your own USB stick) that can be used directly in their art classrooms. Open to art and general teachers of grades 4- 10. All supplies provided by instructor. \$10 registration fee.

ID: 19 - MAXIMUM: 30 (PRE-REG) POP ART: PRINTMAKING FOR THE YOUNG ARTISTS Friday 11:30 - 2:15 pm - SPEAKER: Konikowski

Description:

- Pre-Registration is required.

If you like Pop Art, you need to register in this workshop right away! You will learn how to create colourful, funky prints in the easy way while working work on multiple layers. This will become your students' favourite art project! Participants will be provided with a set of handouts and a PowerPoint presentation that can be used directly in the art classroom. The level of difficulty can be adjusted according to the grade level taught. Open to art and general teachers of grades 4 - 12. All supplies provided by instructor. \$10 registration fee.

ID: 23 - MAXIMUM: 20 (PRE-REG) Fly Tying To Release Tension Thursday 8:45 - 4:00 pm - SPEAKER: Sinclair

Description:

- Pre-Registration is required.
- This OFF Site program is offered at St. Luke's Outreach located at Bay 1, 22 Elizabeth Street, Okotoks. Delegates are responsible for their own, round-trip transportation.
- There is a participant fee of \$20. Please bring exact change to be collected at the session, by the speaker.

We will tie about 8 flies during this session and we will learn a trick or two about the fine art of tying flies.

The session is all day long and will be located in Okotoks.

We are requesting a participants fee of \$20 to help cover the costs of the tying materials.

We hope you can join us for a day of tying.

ID: 29 - MAXIMUM: 15 (PRE-REG) First Steps to Psychologically Safer Schools: Elevate your Conversational Intelligence Thursday 11:45 - 2:30 pm - SPEAKER: Stirrett

Description:

- Pre-Registration is required.

"To get to the next level of greatness, depends on the quality of the culture, which depends on the quality of the relationships, which depends on the quality of the conversations. Everything happens through conversations!"

-Judith E. Glaser, Founder of the Creating WE Institute

Many educators report low feelings of psychological safety in their schools, leading to overwhelm and burn-out, and causing top talent to pursue opportunities outside the profession. Elevating your Conversational Intelligence (CIQ), is a powerful step in restoring and enhancing the trust needed to navigate the increasing complexity we face daily in our schools, so we can cut through the noise, tap back into our purpose, and do the work we were called to do.

In this session, participants will learn:

The neuroscience of conversation, including how neural networks either set us up to partner with others, or shut us down to protect ourselves from social threat

How to recognize when we are in "amygdala hijack," or when they may have inadvertently triggered others

How to PRIME conversations for Trust

How to Listen to Connect, not Judge, Confirm or Reject

How to Ask Questions for Which We have no Answers

How to maintain Conversational Agility

How to Double-Click to ensure understanding

This session will be in-depth and interactive, providing you with the tools you need to begin transforming your relationships at school, and home, and in all areas of your life, using CIQ.

ID: 78 - MAXIMUM: 30 (PRE-REG) A1: Not Monopoly... Engaging Students Using Unorthodox Board Games Thursday 11:45 - 1:00 pm - SPEAKER: Sovyn

Description:

- Pre-Registration is required.

In the last two decades, a tabletop gaming revolution has occurred. From Dungeons and Dragons, to hundreds of Euro-Style games, like Settlers of Catan. People are more commonly coming together to socialize through tabletop games. These games engage students in higher level thinking, collaboration/competition and literacy/numeracy skills. But with the number of games out there, teachers who casually game (or don't) may find looking for the right game for their classes overwhelming. In this session, we will be introducing various board games that can engage students in the classroom. Be prepared to step outside of your comfort zone, and try a game that's not Monopoly.

ID: 90 - MAXIMUM: 30 (PRE-REG) A2: Roll for Initiative... Cooperative Games for Students Thursday 1:15 - 2:30 pm - SPEAKER: Sovyn

Description:

- Pre-Registration is required.

"You pause at the bottom of the stairs. You evaluate the unfinished horseshoe-shaped, earthen room. Light from your torch shifts on the far wall. Clay walls are supported by moss-covered beams and supports. Deep crevasses are hollowed out of the sides and center walls. Dressed skeletons and mummified bodies lay on the shelves. This is an Ossuary. The skeletons begin to stir. Your party reaches for their weapons. Roll for initiative."

We inadvertently teach students how to work together. We create group projects, put students in pre-assigned teams, and force them to collaborate and function as a cohesive unit. However, too much emphasis is placed on the activity and assessment and not much in terms of how to collaborate. Luckily, board games, especially in this day in age, have a stronger focus on collaboration including; turn-taking, leadership and problem-solving, all the while working towards a common goal. In this session, we will be taking a look at collaborative gaming, from the simple games to the complex RPGs. Be prepared to work together, and remind ourselves of the skills needed to work together. So, grab your dice, the adventure is about to begin!

ID: 91 - MAXIMUM: 16 (PRE-REG) Chop Chop, Knife Skills Anyone? Friday 10:00 am - 11:15 am - SPEAKER: Sovyn

Description:

- Pre-Registration is required.
- There is a participant fee of \$7. Please bring exact change to be collected at the session, by the speaker.

This is a hands on session where you will learn to handle, sharpen and use a knife. These skills are transferrable in a home economics classroom. Learn some tricks of the trade.

ID: 94 - MAXIMUM: 20 (PRE-REG) ROBOT FIGHTING! - Competitive Engineering for Middle/High School Thursday 1:15 - 4:00 pm - SPEAKER: Arends

Description:

- Pre-Registration is required.

Students are competitive. Putting them in control of robots, especially one they design/build themselves, provides ownership of learning that is unparalleled. With competition, students match their skills against each other to be the best they can be! The future is robotic and autonomous, and it is our job to prepare them for these careers. In this workshop, you will learn to build and program robots from metal and bolts, attach wheels, motors, and sensors. In small teams, you will work to design and build a robot to complete a challenge against others in the workshop. Prizes are given to the winning team! This is not LEGO Mindstorms. This is the real deal, programmed in glorious C++. All skill levels are welcome, from beginning to advanced. Additionally, you will learn how to start your own robotics program in your school, and take the fight to others by joining regional robotics tournaments throughout Alberta. Get ready for the most exciting, hands on workshop you have ever had at Teacher's Convention!

ID: 110 - MAXIMUM: 30 (PRE-REG) Teaching the Holocaust in the Middle Years and Beyond Thursday 11:45 - 2:30 pm -  
SPEAKER: Anderson

Description:

- Pre-Registration is required.

This session will provide teachers a chance to explore one of history's darkest chapters through a Middle Years and Language Arts lens. By exploring online resources, along with information provided by the presenter, teachers will walk away with ideas and resources to begin their own class exploration

ID: 140 - MAXIMUM: 25 (PRE-REG) Prayer Blankets- Surrounding those in Need in Prayer Thursday 1:15 - 2:30 pm -  
SPEAKER: MacNeil

Description:

- Pre-Registration is required.

Prayer is such an important part of child development to give them a spiritual framework in which they can rely on for physical, emotional, and spiritual wellbeing. In this session, I will show you how to present the idea of making a prayer blanket in your classroom. Students have loved making these blankets for those in need, those in need of love and support, and those who are the most vulnerable in our society. In this session, I will model the process with you and how to create a no-sew blanket filled with prayers. The session shows you how to bring prayer to life and make it something tangible for your students to hold.

ID: 141 - MAXIMUM: 18 (PRE-REG) 3-String Guitar Build Thursday and Friday 8:30 am - 4:30 pm - SPEAKER: Connell

Description:

- Pre-Registration is required.
- This OFF Site program is offered at Ecole Secondaire Highwood High School - HighRiver, Alberta. Delegates are responsible for their own, round-trip transportation.
- There is a participant fee of \$20. Please bring exact change to be collected at the session, by the speaker.

Build a 3 String Guitar, intended for Junior/Senior High School Carpentry teachers as a project to implement into course of studies. Teachers need to be experienced and confident with stationary machinery operation found in a Carpentry class. 2 day session. Session will be held at Ecole Secondaire Highwood High School - HighRiver, Alberta.

ID: 168 - MAXIMUM: 50 (PRE-REG) Young Computational Thinkers: Unplugged Coding in K-6 Thursday 1:15 - 4:00 pm -  
SPEAKER: Beaton

Description:

- Pre-Registration is required.

Educators are increasingly being tasked with teaching coding and computational thinking to young students. This hands-on, interactive workshop aims to develop an understanding of computational thinking and the related skills and competencies through the exploration of relevant, ready-to-use activities that connect to a variety of curriculum areas. Through participation in this workshop, educators will:

- Engage in unplugged activities that focus on developing students' skills of decomposition, abstraction, pattern recognition, algorithmic thinking and logic;
- Gain access to the activities that are explored, along with materials lists and supporting resources, so they can complete the activities with their students;
- Discover how to build upon what they already do in their classrooms to develop the foundational knowledge students need to become computational thinkers; and,
- Collaborate with colleagues and engage in meaningful discussions related to digital literacy and computational thinking.

ID: 169 - MAXIMUM: 50 (PRE-REG) Digitally Literate Changemakers: Supporting Student-Driven Solutions to Real-World Problems Friday 10:00 am - 12:45 pm - SPEAKER: Ferguson

Description:

- Pre-Registration is required.

Grade 7 – Grade 12 educators

In this hands-on, interactive workshop, participants will explore how to facilitate a student-led, design thinking challenge rooted in empathy.

Through participation in this workshop, educators will:

- Engage in the design thinking process – beginning with empathy where participants will explore how the UN Sustainable Development goals can be used to help students develop a deep understanding of problems that need to be solved
- Discover strategies that strengthen the development of students' computational thinking and digital citizenship skills; and,
- Recognize how to incorporate open source data to expand the possibilities for inquiry across disciplines.

ID: 174 - MAXIMUM: 25 (PRE-REG) Equine Facilitated Learning & Wellness - An introduction to the possibilities this type of programming has to offer! Friday 8:30 am - 2:15 pm - SPEAKER: Payne

Description:

- Pre-Registration is required.
- This OFF Site program is offered at Rafter U7 Ranch near Carstairs AB. Delegates are responsible for their own, round-trip transportation.
- There is a participant fee of \$25. Please bring exact change to be collected at the session, by the speaker.

What is equine facilitated learning and wellness and how can we explore the implementation of this form of experiential skill building and development within our school programming?

Proposed areas of exploration for students through equine facilitated learning programs can include: assertiveness and compassion, dealing with feelings of anxiousness, teamwork and communication, leadership, accountability, asking for help and accepting feedback, celebrating success. Many of which are encompassed within 21st century competencies such as critical thinking, problem solving, communication, collaboration, and self-directed learning.

During this full day opportunity, we will be working with certified equine gestalt facilitators at Rafter U7 Ranch near Carstairs AB experiencing some of the activities that students would participate in to gain a better understanding of what equine facilitated learning is and can be. Time for group discussions surrounding the possible benefits and logistical implementation of this type of programming for RVS students will also be planned for each day.

No previous horse experience is necessary and participants will only experience horses in a way that is comfortable for them during these days.

ID: 211 - MAXIMUM: 24 (PRE-REG) Curling 101 Friday 10:00 am - 12:45 pm - SPEAKER: Bachek

Description:

- Pre-registration is required.
  - This OFF Site program is offered at Okotoks Curling Club - 99 Okotoks Drive Okotoks, AB Delegates are responsible for their own, round-trip transportation.
  - There is a participant fee of \$20.00. Please bring exact change to be collected at the session, by the speaker.
- Are you interested in curling but have never tried? Are you a novice curler looking for some pointers? This session will combine off-ice instruction regarding rules, strategy, and sport-specific stretches as well as on-ice instruction and a game. For those interested, information will also be available on how to incorporate curling into your phys-ed class even if you cannot access curling ice.

ID: 223 - MAXIMUM: 30 (PRE-REG) Literacy & Numeracy through Land-Based Learning Thursday 1:15 - 4:00 pm -

SPEAKER: Barnes

Description:

- Pre-Registration is required.
- This OFF Site program is offered at 13931 Woodpath Road S.W., Calgary, Alberta T2W 5R6. Delegates are responsible for their own, round-trip transportation.

Join us for this half day workshop learning from and on the land. We'll discuss what makes the outdoors a unique learning space and how to best connect students to the land. We'll focus on how to incorporate nature play, guided exploration and stories from the land into numeracy and literacy learning. Together, we'll profile inspiring literacy and numeracy examples to provide you with tangible ideas and tools to take back to your classroom. There will also be multiple ways to collaborate and learn from each other along the way. Expand your learning environment and create inclusive, meaningful connections to nearby nature or protected landscapes.

This workshop will be hosted by Alberta Parks education specialists and will be completely outdoors.

Please come prepared to be immersed in nature.

ID: 233 - MAXIMUM: 30 (PRE-REG) Calgary Zoo: Numeracy in Pandas Friday 10:00 am - 11:15 am - SPEAKER: Duffy

Description:

- Pre-Registration is required.
- This OFF Site program is offered at The Calgary Zoo, address: 210 St. George's Drive NE, Calgary, AB T2E 7V6. Delegates are responsible for their own, round-trip transportation.

Come see and learn about our beautiful black and white bears! Use schematic diagrams to calculate various math problems, such as how large their enclosure is. We will also discuss their numbers in the wild and reproductive rate as well as their temperature needs, all tying into the importance of numeracy in caring for animals. We will also look at how they are an umbrella species and how many distinct species this means they help protect in the wild.

ID: 234 - MAXIMUM: 30 (PRE-REG) Calgary Zoo: The One and Only Ivan; how stories stimulate inquiry Friday 11:30 -

12:45 pm - SPEAKER: Duffy

Description:

- Pre-Registration is required.
- This OFF Site program is offered at The Calgary Zoo, address: 210 St. George's Drive NE, Calgary, AB T2E 7V6. Delegates are responsible for their own, round-trip transportation.

Meet our new silverback gorilla and compare how his and his troop's needs are met in comparison to Ivan's (in Katherine Applegate's moving book inspired by a true story). Explore how such stories can stimulate inquiry, increase compassion, and inspire action. Discuss how these amazing creatures are doing in the wild and what we can do to help them and their continued survival.

ID: 235 - MAXIMUM: 30 (PRE-REG) Calgary Zoo: Adaptations and Biodiversity through the Canadian Wilds Thursday 11:45 - 1:00 pm - SPEAKER: Duffy

Description:

- Pre-Registration is required.
- This OFF Site program is offered at The Calgary Zoo, address: 210 St. George's Drive NE, Calgary, AB T2E 7V6. Delegates are responsible for their own, round-trip transportation.

How does an animal's adaptations affect their survival? What effect will this have on their ability to pass on their genetics and so affect their species biodiversity? How does the environment impact these adaptations? Come explore the Canadian Wilds and learn all about the footprints animals leave on the environment and the footprints the environment leaves on the animals. This program takes place completely outside so please dress for the February weather.

ID: 236 - MAXIMUM: 30 (PRE-REG) Calgary Zoo: Animal Health and Happiness Friday 11:30 - 12:45 pm - SPEAKER: Duffy

Description:

- Pre-Registration is required.
- This OFF Site program is offered at The Calgary Zoo, address: 210 St. George's Drive NE, Calgary, AB T2E 7V6. Delegates are responsible for their own, round-trip transportation.

In this unique access experience, visit the Calgary Zoo's Animal Health Centre and explore ways that our veterinary team supports and maintains the health and welfare of our 1000 animal colleagues, including a variety of diets, practices and treatments.

ID: 237 - MAXIMUM: 30 (PRE-REG) Calgary Zoo: Water, Waste & the Penguin World Friday 1:00 - 2:15 pm - SPEAKER: Duffy

Description:

- Pre-Registration is required.
- This OFF Site program is offered at The Calgary Zoo, address: 210 St. George's Drive NE, Calgary, AB T2E 7V6. Delegates are responsible for their own, round-trip transportation.

In this unique access experience, tour the state of the art filtration facilities of our Penguin Plunge Building. Meet some of our amazing penguin colleagues and explore the various strategies and technologies we use to keep their habitat clean, healthy, and cold. Please ensure you wear close-toed shoes for this experience.

ID: 238 - MAXIMUM: 30 (PRE-REG) Calgary Zoo: Nature Journaling through Destination Africa Friday 8:30 - 11:15 am - SPEAKER: Duffy

Description:

- Pre-Registration is required.
- This OFF Site program is offered at The Calgary Zoo, address: 210 St. George's Drive NE, Calgary, AB T2E 7V6. Delegates are responsible for their own, round-trip transportation.

Immerse yourself in Destination Africa while its resident animals inspire you in this workshop that will demonstrate strategies and techniques that combine art with scientific inquiry and open the door to creative expression and descriptive writing. No previous artistic experience necessary, just a willingness to give it a whirl! Please bring a journal to add your creations to.

ID: 239 - MAXIMUM: 30 (PRE-REG) Calgary Zoo: Nature Play Risks and Rewards Thursday 1:15 - 4:00 pm - SPEAKER: Duffy

Description:

- Pre-Registration is required.
- This OFF Site program is offered at The Calgary Zoo, address: 210 St. George's Drive NE, Calgary, AB T2E 7V6.

Delegates are responsible for their own, round-trip transportation.

This playful in-class session is for teachers with any level of nature play programming experience. We will begin with an introduction to nature play and then explore the risks and rewards of including nature play in programs. The Calgary Zoo encourages nature play so that children gain the positive experiences in nature that will help them develop into conservation stewards for the future.

We will share tips, tricks, definitions and perspectives on risky play and free play. Part of the session will be a brainstorm about barriers and challenges. Come ready to share your successes and strategies, ask questions and gain lots of resources.

ID: 241 - MAXIMUM: 30 (PRE-REG) Calgary Zoo: My Future is Wild Thursday 2:45 - 4:00 pm - SPEAKER: Duffy

Description:

- Pre-Registration is required.
- This OFF Site program is offered at The Calgary Zoo, address: 210 St. George's Drive NE, Calgary, AB T2E 7V6.

Delegates are responsible for their own, round-trip transportation.

Want to guide your students to take action for a more sustainable planet? Explore ways for your students to join the zoo in its mission to sustain wildlife and wild places. Through case studies and student-led conservation action project examples, learn how you can use the zoo to inspire your students' compassion for nature and confidence in their ability to play a role in making sure their future is wild.

ID: 242 - MAXIMUM: 30 (PRE-REG) Calgary Zoo: Discover BirdSleuth and Other Citizen Science Opportunities from the Cornell Lab of Ornithology Friday 11:30 - 2:15 pm - SPEAKER: Duffy

Description:

- Pre-Registration is required.
- This OFF Site program is offered at The Calgary Zoo, address: 210 St. George's Drive NE, Calgary, AB T2E 7V6.

Delegates are responsible for their own, round-trip transportation.

Join BirdSleuth Ambassador, Sarah M. Smith, to discover an exciting set of resources for outdoor exploration and curriculum science! The Cornell Lab of Ornithology offers some of the most engaging and exciting citizen science opportunities out there today, including wonderfully accessible and free resources such as eBird. By participating in citizen science and investigations, students become scientists. They gain real science practice, developing process skills – all by practicing observations of the birds around them and following their own inquiries deeper.

No birding expertise is required of the participant. BirdSleuth, the K-12 education program out of Cornell, is designed to help both students and educators develop a basic birding knowledge and offers fantastic support and resources for further inquiry and for expanding that knowledge. During this workshop, participants will be provided with an introduction to the BirdSleuth program, including Alberta curriculum links and applications, as well as an introduction to the excellent free resources that will help them scaffold student inquiry and participate in citizen science. Part of the workshop will include birding sessions outside at the Calgary Zoo, so please dress for the weather. In addition, a smartphone, while not mandatory, will allow individual exploration of eBird and several other useful apps in the field.

ID: 245 - MAXIMUM: 30 (PRE-REG) Nature Based Learning - Teaching ALL subject outside the wall of the school Thursday 8:45 - 4:00 pm - SPEAKER: Lemphers

Description:

- Pre-Registration is required.
- This OFF Site program is offered at Percy Pegler School 69 Okotoks Drive, Okotoks Delegates are responsible for their own, round-trip transportation.

Three teachers took on the challenge of teaching the Program of Studies outside. They did this in grade 2,4 and 5. The results they saw were amazing academic improvement, engagement and social-emotional health. We will share our

story, some data and then experience what nature based learning is about. We will model the day just like we do with kids to inspire teachers to embark on this amazing journey of learning.

ID: 251 - MAXIMUM: 30 (PRE-REG) Bullet Journaling- The Basics and Beyond Friday 8:30 - 11:15 am - SPEAKER: Kruger  
Description:

- Pre-Registration is required.
  - There is a participant fee of \$20. Please bring exact change to be collected at the session, by the speaker.
- Have you always struggled to find an agenda, plan-book, calendar or journal that really met your needs? Ever wish that you could smash up different pieces of each into one tool to rule them all? Bullet Journaling might be the answer to your organizational and self-care needs! Quickly growing in popularity and closely related to visual note-taking and even scrap-booking this process is worth taking a look at!
- Kari and Rita will introduce you to the exciting world of bullet journals and provide an opportunity to experiment with stencils/tape and various medium that you can use when creating your own journal in your own style.
- Participants will be provided with a bullet journal and a set of supplies to get them started, which is covered by the participant fee!

ID: 252 - MAXIMUM: 30 (PRE-REG) Bullet Journaling- Kicking Things Up a Notch Friday 11:30 - 2:15 pm - SPEAKER: Kruger

Description:

- Pre-Registration is required.
- Have you started Bullet Journaling, but are looking for new inspiration?  
Wondering what cool products and "hacks" are out there but don't want to spend money experimenting on new supplies without knowing what works?  
Are you looking for a community of people that will help you stay accountable and inspired to keep up with your journal?  
If you participated in Bullet Journaling- The Basics and Beyond and are interested in looking at new trackers and implementing journaling into your teaching practice, then this is the perfect follow up!  
Kari and Rita will highlight some innovative layouts and provide different markers/stencils/tapes/stickers/stamps and more to help you take the next step!

ID: 256 - MAXIMUM: 30 (PRE-REG) Staff Sense: Make and Take Thursday 1:15 - 4:00 pm - SPEAKER: Mackenzie

Description:

- Pre-Registration is required.
  - There is a participant fee of \$30. Please bring exact change to be collected at the session, by the speaker.
- Take home easy to make games that build a greater understanding of the treble staff. There is no replacement for repetition and experience so why not make it engaging and fun! Participants will take home activity sets that can be used for multiple games and are easily differentiated for different grade levels and abilities. This session is intended for Elementary Music but is easily adaptable to Secondary or Studio/Private Lesson Music.

ID: 271 - MAXIMUM: 30 (PRE-REG) Bring Food Sustainability to Life Thursday 1:15 - 4:00 pm - SPEAKER: Lang

Description:

- Pre-Registration is required.
  - This OFF Site program is offered at 2050 Agriculture Trail (The Nutrien Western Events Centre on Stampede Park).
- A Shuttle bus will be arranged by the Calgary Stampede Foundation from the Convention Centre over to Stampede Park. The Stampede Trolley will pick up session registrants at the Marriott Hotel on 9th Ave at 12:45 PM on Thursday,



Feb 20 and shuttle them over to the Journey 2050 Classroom located in the Nutrien Western Event Centre at Stampede Park.. The trolley will return to the Marriott at the end of the session.

Move sustainability from concept to action for you and your students! Hop on the Stampede Trolley and relocate to Stampede Park's Journey 2050 classroom for this exploration of food sustainability. Come learn about all the incredible programs, tools and resources available to bring the topic of food sustainability to life. Be inspired by the multitude of sustainable action projects that youth, schools and communities have undertaken in recent months. Enjoy a sustainable snack prepared by the Calgary Stampede culinary team. Explore the resources within the Journey 2050 program and the extensive list of community resources available to spark new projects to bring back to your class.

ID: 272 - MAXIMUM: 30 (PRE-REG) What's in a Name? Fostering a Sense of Belonging Through The Wonder of Names  
Friday 11:30 - 2:15 pm - SPEAKER: Jardine

Description:

- Pre-Registration is required.

Research shows that "...names provide a powerful image of a person and influence people's reactions to them." (The Guardian, 2007) For teachers, the importance of learning students names on the first day of school is emphasized when promoting teacher-student relationships. What happens when the first time a teacher and her students meet there is no exchange of names, no about me speeches, and no question and answer dialogue? Instead, students are met by a pleasant smile, a story, and are asked not to share their names for the next few days. This presentation will focus on the presenters' experiences and pedagogical approach to tackling social studies curricula while inquiring into the tradition of name giving. Questions that emerged during the inquiry process and the culminating project of creating a paper star quilt will be deconstructed to show how embracing the topic of names fostered a sense of community that allowed students and teachers to understand identity as fluid and complex; a collection of living experiences that requires autobiographical investigation.

Using a variety of activities, attendees will explore their own emerging wonderments, build community, create a star quilt, and inquire into their own names. Workshop participants will be invited to engage in active, hands-on learning and will be given resources to integrate the star quilt and name traditions into their teaching practice.

ID: 340 - MAXIMUM: 30 (PRE-REG) Science Communication: Stories in the Classroom Friday 8:30 - 11:15 am - SPEAKER: Stein

Description:

- Pre-Registration is required.

Science communication is an emerging culture with a history of challenges around accuracy, engagement and impact. This is true in academia, but also in the classroom. This session will start to tackle these communication challenges with creativity, courage, personalization and passion.

Along with getting the science right, science communicators probe the profound and personal questions about what it means to be human. Ask yourself: Why does science matter to me? Why should it matter to anyone else? The more connected you are to the science; the more powerful the audience response. This session will encourage you to turn science into stories as you use personal narrative, effective visuals and science demonstrations to engage your audience. Understand the impact that relevant visuals can have on the communication of your message and the connection with your audience. Discover how to maximize objects and props to illustrate narrative elements. Devise an "Uber pitch" (the length of waiting time for an Uber) for science concepts. Learn how to turn science demonstrations into engaging stories for your classroom.

ID: 349 - MAXIMUM: 8 (PRE-REG) Adobe After Effects in the Classroom Friday 8:30 am - 2:15 pm - SPEAKER: Batista

Description:

- Pre-Registration is required.

- This OFF Site program is offered at Quickdraw Animation Studio, 2011 10 Ave SW, Calgary, AB T3C 0K4. Delegates are responsible for their own, round-trip transportation.

Adobe After Effects, the visual effects and motion graphics program included in Adobe's Creative Suite, is a powerful and versatile tool for visual communication. It can be used to edit and alter existing films, to add special effects into student film projects, or even to create whole animated worlds from scratch. It can also be incredibly intimidating.

Led by Brian Batista, a Calgary-based artist, animator and instructor for the Alberta College of Art and Design and the Quickdraw Animation Society, this session will explore some of the powerful features that After Effects provides to create slick, entertaining and professional-looking animation. This will be a fast-paced, hands-on session designed to introduce you to new creative options with the potential to enhance your own presentations along with your students' work.

Programs like After Effects put the power to animate in your students' hands. From animated life-cycles to infographics, mathematical patterns and creative expression, access to After Effects can help bring your units to life, while giving students direct experience with the same software used by industry professionals.

This is a hands-on session intended for teachers who have little to no experience with Adobe After Effects.

ID: 363 - MAXIMUM: 36 (PRE-REG) iFLY STEM Elementary Program - Taking learning to a new height! (1:00 -4:30)

Thursday 1:00 - 4:30 pm - SPEAKER: Quick

Description:

- Pre-Registration is required.
- This OFF Site program is offered at iFLY Calgary 811 64 Avenue Northeast, Calgary, AB T2E 3Z8. Delegates are responsible for their own, round-trip transportation.

- There is a participant fee of \$49.95 per person plus GST. Please pay before February 9th at:

<https://www.eventbrite.ca/e/pdtca-convention-elementary-stem-experience-tickets-87834692931>

Experience STEM learning through the thrill of body flight!

Learn and understand the technology, physics and math that creates the airflow and allows for body flight to be accomplished. Education session, lab activity, physics demo and 2 flights per person in Western Canada's very first vertical wind tunnel.

ID: 364 - MAXIMUM: 36 (PRE-REG) iFLY STEM High School Program - Taking learning to a new height! Friday 8:30 am - 12:30 pm - SPEAKER: Quick

Description:

- Pre-Registration is required.
- This OFF Site program is offered at iFLY Calgary 811 64 Avenue Northeast, Calgary, AB T2E 3Z8. Delegates are responsible for their own, round-trip transportation.

- There is a participant fee of \$49.95 per person plus GST. Please pay before February 9th at:

<https://www.eventbrite.ca/e/pdtca-convention-high-school-stem-experience-tickets-87837770135>

Experience STEM learning through the thrill of body flight!

Learn and understand the technology, physics and math that creates the airflow and allows for body flight to be accomplished. Education session, lab activity, physics demo and 2 flights per person in Western Canada's very first vertical wind tunnel.

ID: 379 - MAXIMUM: 200 (PRE-REG) Health and Physical Education Institute in Canmore Thursday 8:45 - 4:00 pm -

SPEAKER: Schools

Description:

- Pre-Registration is required.
- This OFF Site program is offered at Our Lady of the Snows Academy in Canmore. Delegates are responsible for their own, round-trip transportation.

Leading teachers in Health and Physical Education in the Palliser District are joining forces with Ever Active Schools and the Health and Physical Education Council (HPEC) to host a Health and Phys Ed Institute at PDTCA in beautiful Canmore. Make sure to pre-register to hold your spot in this full day of active and practical sessions for all grade levels. Thursday, February 20th will be highlighted by a feature presentation from two-time Paralympic snowboarding athlete John Leslie. John is a cancer survivor who credits his high school Phys Ed teacher with introducing him to snowboarding, living to be active and becoming an ambassador for kids of all ages to find their active passions. The day will also offer your choice of four concurrent sessions with a line-up featuring:

- Gymnasium-based games and warm-ups for all grade levels
- Active health and wellness sessions focused on self regulation and social and emotional learning
- Unique sport-based sessions in Rugby, Field hockey, Futsal, and Qigong
- Selected sessions in French
- Outdoor activities such as cross-country skiing and snowshoeing and outdoor games
- Support for units and programs in dance, running, strength and anatomy, and yoga

The HPE Institute will be hosted at Our Lady of the Snows Academy in Canmore - final session options will be sent to all pre-registered delegates in January so that you can plan travel and attire appropriately. Contact Scott Bailey at Ever Active Schools ([scott@everactive.org](mailto:scott@everactive.org)) for more information or with any questions about pre-registration.

ID: 380 - MAXIMUM: 200 (PRE-REG) Health and Physical Education Institute in Canmore Friday 8:30 am - 2:15 pm -  
SPEAKER: Schools

Description:

- Pre-Registration is required.
- This OFF Site program is offered at Our Lady of the Snows Academy in Canmore. Delegates are responsible for their own, round-trip transportation.

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The day will also offer your choice of four concurrent sessions with a line-up featuring:

- Gymnasium-based games and warm-ups for all grade levels
- Active health and wellness sessions focused on self regulation and social and emotional learning
- Unique sport-based sessions in Rugby, Field hockey, Futsal, and Qigong
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The HPE Institute will be hosted at Our Lady of the Snows Academy in Canmore - final session options will be sent to all pre-registered delegates in January so that you can plan travel and attire appropriately. Contact Scott Bailey at Ever Active Schools ([scott@everactive.org](mailto:scott@everactive.org)) for more information or with any questions about pre-registration.

ID: 397 - MAXIMUM: 20 (PRE-REG) Staff Wellness Through Sport(8:00 - 9:15 am) Thursday 8:00 - 9:15 am - SPEAKER:  
Carter

Description:

- Pre-Registration is required.
- This OFF Site program is offered at Thorncliffe Greenview Arena - 5600 Centre Street N Calgary, AB T2K 0T3. Delegates are responsible for their own, round-trip transportation.
- There is a participant fee of \$10. Please bring exact change to be collected at the session, by the speaker.

This session is an application of the importance of building staff morale and overall wellness through sport. Bring your hockey gear, \$10, and come out for a skate before heading downtown to additional sessions.

This is an offsite session happening from 8:00 - 9:15am on Thursday February 20th at Thorncliffe Greenview Arena - 5600 Centre Street N Calgary, AB T2K 0T3. Interested participants MUST email [mcarter@rockyview.ab.ca](mailto:mcarter@rockyview.ab.ca) BEFORE February 18th, to register for this session. Successful participants will receive an email confirming they are registered for this session. Participation is capped at 20 skaters. All participants must wear full hockey equipment.

ID: 398 - MAXIMUM: 20 (PRE-REG) Staff Wellness Through Sport(8:00 - 9:15 am) Friday 8:00 - 9:15 am - SPEAKER: Carter  
Description:

- Pre-Registration is required.
- This OFF Site program is offered at Thorncliffe Greenview Arena - 5600 Centre Street N Calgary, AB T2K 0T3. Delegates are responsible for their own, round-trip transportation.
- There is a participant fee of \$10. Please bring exact change to be collected at the session, by the speaker.

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