

ID: 2 - MAXIMUM: 60 (PRE-REG) The Indigenous History We're Rarely Taught **Speaker: Bell**
Timeslot: A 8:45 Thursday 8:45 - 4:00 pm **TELUS 109**

DESCRIPTION:

- Pre-registration is required.
- There is a participant fee of \$25. Please bring exact change to be collected at the session, by the speaker.

The KAIROS Blanket Exercise is a workshop that explores the nation-to-nation relationship between Indigenous and non-Indigenous peoples in Canada. Blankets arranged on the floor represent land and participants are invited to step into the roles of First Nations, Inuit and later Métis peoples. The workshop helps people to understand how the colonization of this land impacts those who were here long before settlers arrived. It engages people's minds and hearts in understanding why the relationship between Indigenous and non-Indigenous peoples is often broken and how we can take action together. The session will begin with a land acknowledgement followed by a Smudge ceremony. We will then go through an overview of the history of the Truth and Reconciliation Commission, the 94 Calls to Actions, pre-blanket exercise activities, the blanket exercise, post blanket exercise discussion and activities. We will finish the day with a drum circle and/or dream catcher weaving session

ID: 26 - MAXIMUM: 12 (PRE-REG) EGGS! EGGS! EGGS! **Speaker: Mathew**
Timeslot: D 1:15 Thursday 1:15 - 4:00 pm **OFF-SITE**

DESCRIPTION:

- Pre-registration is required.
- This OFF Site program is offered at Trinity Christian School - 100-295 Midpark Way SE, Calgary. Delegates are responsible for their own, round-trip transportation.
- There is a participant fee of \$5.00. Please bring exact change to be collected at the session, by the speaker.

Description: In this session you will create your own Pysanky Eggs using the traditional method of wax resist dyeing. No previous knowledge is required. Participants may come with ideas of what to create and colours they wish to use but it is not required. I will have some images to inspire. You will leave this session with a completed egg or a few.

ID: 27 - MAXIMUM: 12 (PRE-REG) EGGS! EGGS! EGGS! **Speaker: Mathew**
Timeslot: F 8:30 Friday 8:30 am - 2:15 pm **OFF-SITE**

DESCRIPTION:

- Pre-registration is required.
- This Off-Site program is offered at Trinity Christian School - 100-295 Midpark Way SE, Calgary. Delegates are responsible for their own, round-trip transportation.

- There is a participant fee of \$5.00. Please bring exact change to be collected at the session, by the speaker.

Description: In this session you will create your own Pysanky Eggs using the traditional method of wax resist dyeing. No previous knowledge is necessary. Participants may come with ideas of what to create and colours they wish to use but it is not required. I will have some images to inspire. You will leave this session with a completed egg or a few.

ID: 50 - MAXIMUM: 30 (PRE_REG) Not Monopoly... Engaging Students Using Unorthodox Board Games
Speaker: Sovyn

Timeslot: D 1:15 Thursday 1:15 - 2:30 pm **TELUS 107**

DESCRIPTION:

- Pre-registration is required.

Description: 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: 56 - MAXIMUM: 25 (PRE-REG) Creative Mandalas For Relaxation And Stress Relief **Speaker: Towers-Sybbilis**

Timeslot: F 8:30 Friday 8:30 - 11:15 am **TELUS 108**

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.

Description: Join me for a class of therapeutic art and relaxation! Using circular concentric patterns and designs, we will create amazing decorative mandalas on paper. Learn how to add watercolor, ink and markers to decorate your patterns. The process of creating mandalas can be very meditative giving one an escape from the stress of daily life. This could be a great activity for a pd day or possibly a creative math class to show students how to divide a circle into sections. To view samples of this project, go to my website at www.sallytowerssybbilis.com under the heading Art Classes.

ID: 70 - MAXIMUM: 30 (PRE-REG) Robot Fighting - Competitive Engineering for High School **Speaker: Arends**

Timeslot: A 8:45 Thursday 8:45 - 4:00 pm **TELUS 110**

DESCRIPTION:

- Pre-registration is required. We are not registering by school this year so please just create a personal registration for yourself.
- There is a participant fee of \$30. Please bring exact change to be collected at the session, by the speaker.

Robotics competitions bring students to new heights, instilling confidence and mastery of future ready skills. In this HANDS ON workshop, learn to build robots, program them, and enter into regional/provincial tournaments against other schools.

Teachers will receive a link to order a robot at a reduced price.

ID: 71 - MAXIMUM: 30 (PRE-REG) Nutrition Activities in Any Classroom **Speaker: Choi**

Timeslot: C 11:45 Thursday 11:45 - 1:00 pm **TELUS 107**

DESCRIPTION:

- Pre-registration is required.

Description: Get fired up for interactive stations designed to enhance nutrition knowledge. Not only will you

increase your personal nutrition knowledge, but you will learn how to apply the activities to middle

school and high school classrooms. Best of all, you can access all this information through an online resource which has all the materials ready to be printed for class next week!

ID: 114 - MAXIMUM: 15 (PRE-REG) Equine Facilitated Learning & Wellness - An introduction to possibilities this type of programming has to offer! **Speaker: Monea**

Timeslot: F 8:30 Friday 8:30 am - 2:15 pm **OFF-SITE**

DESCRIPTION:

- Pre-registration is required.

This Off-Site program is offered at Rafter U7 Ranch near Carstairs (Hwy 580 & RR 21 Carstairs, AB.) Delegates are responsible for their own, round-trip transportation. Driving directions at bottom of session description.

- There is a participant fee of 25.00. Please bring exact change to be collected at the session, by the speaker.

Description: 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-direct 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.

Directions to U7 Rafter Ranch & Wellness Centre

From Calgary - Travel North on Hwy #2 until you come to Exit #305 which is the first exit to Carstairs. Take exit and then turn left (west) to travel over the highway. Turn right (north) on Hwy #2A towards Carstairs. Turn left (west) on Hwy #580 towards Cremona. Turn left (south) on RR #21. Travel approximately 1 km on RR #21. As you crest the hill you will see the arena on your left. As you come down the hill you will see a grey house and a beige house. Directly between those two houses is the driveway to the arena.

ID: 122 - MAXIMUM: 30 (PRE-REG) Fly Tying to 'release' tension and anxiety. **Speaker: Sinclair**

Timeslot: F 8:30 Friday 8:30 am - 2:15 pm **OFF-SITE**

DESCRIPTION:

- Pre-registration is required.

This Off-Site program is offered at St. Luke's Outreach located at Bay 1, 22 Elizabeth Street, Okotoks. We will meet at the school at 9:30 for coffee and then begin tying. 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.

Description: We will be tying about 10 flies which you get to keep. You could even give them to your partner as an anniversary gift. The patterns we will be tying will be dry patterns, streamers and nymphs. The cost of this session will be \$20 to cover the cost of the materials. You do not need have any tools or materials for this session as we will provide all the stuff you need to tie one on.

ID: 156 - MAXIMUM: 25 (PRE-REG) Flow Yoga **Speaker: Leitner**

Timeslot: C 11:45 Thursday 11:45 - 1:00 pm **GLEN 203**

DESCRIPTION:

- Pre-registration is required.

Description: Join me for a flow yoga class! We will flow through a series of yoga poses and stretches and complete our practice in Savasana. Some knowledge of yoga is advantageous for this session. Please bring a mat and any other props you may require (ie. blocks).

ID: 198 - MAXIMUM: 30 (PRE-REG) A Changing Climate: An Inquiry in Alberta Parks **Speaker: Perkins**

Timeslot: D 1:15 Thursday 1:15 - 4:00 pm **OFF-SITE**

DESCRIPTION:

- Pre-registration is required.

This Off-Site program is offered at the Environmental Learning Centre at Fish Creek Provincial Park (13931 Woodpath Road SW, Calgary). Delegates are responsible for their own, round-trip transportation.

Description: Join Vicki Perkins and Shalane Friesen from Alberta Park's Kananaskis Region as we spend half a day exploring an inquiry approach to incorporating Climate Change Literacy into your teaching. Utilizing Alberta Parks' authentic learning landscape in Fish Creek Provincial Park, participants will be engaged in a variety of cross-curricular activities, games and stories that will provoke, build knowledge and support active citizenship and stewardship in you and the students you work with. This session will take place outdoors. Please come prepared with winter clothing and footwear as we will walk a 2.5 km trail during the session.

ID: 232 - MAXIMUM: 20 (PRE-REG) Emergency Preparedness on Winter Outdoor Education Trips

Speaker: Lemphers

Timeslot: A 8:45 Thursday 8:45 - 4:00 pm **OFF-SITE**

DESCRIPTION:

- Pre-registration is required.

This Off-Site program is offered at Millarville School - 130 Millarville Road, Millarville, Alberta. Delegates are responsible for their own, round-trip transportation.

Description: In this session participants will learn theory behind dealing with emergency situation in a winter setting. We will then go out in the field for scenario practice where participants will have to work on skills such as winter firefighting, first aid and shelter building. The objective is to develop skills and improve the confidence of teachers in handling an emergency in a winter backcountry setting.

ID: 233 - MAXIMUM: 15 (PRE-REG) Cross-Country Ski Skill and Instruction development **Speaker:**

Lemphers

Timeslot: F 8:30 Friday 8:30 - 11:15 am **OFF-SITE**

DESCRIPTION:

- Pre-registration is required.
- This Off-Site program will be offered in either Calgary or Kananaskis. Depending on snow we will be in Calgary at Confederation park or Kananaskis Village. The instructor will notify pre-registered participants, prior. Participants will be responsible for their own rental of xc equipment. Delegates are responsible for their own, round-trip transportation.

Description: The objective is to help develop teachers to become better instructors of cross-country skiing. Specifically we will do this by developing personal ski skills, improving detection and correction of students skills, learn games and drills for skiing. We will finish off the day with going for a ski applying new skills to the terrain. Come dressed to be outside all day learning and playing.

ID: 234 - MAXIMUM: 20 (PRE-REG) Project Building for the CTS Construction Class **Speaker: Krueger**

Timeslot: A 8:45 Thursday and Friday 8:30 am - 4:30 pm **OFF-SITE**

DESCRIPTION:

- Pre-registration is required.

This Off-Site program is offered at Foothills Composite High School, in Okotoks. 229 Woodhaven Drive, 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.

Description: This is a 2 DAY, OFF-SITE professional development session for CTS teachers. The location for the 2 day session is at the Foothills Composite High School in Okotoks, south of Calgary. We will be completing a small woodworking project over the 2 days. During the session we will look at planning, fabrication, assembly, finishing and evaluation of projects. The project will require attendees to use a variety of power tools in the building process. This project also uses a significant number of joinery techniques that provide a test to the woodworker's skills. Also, there are a number of jigs that are used in constructing the project and teachers will see how these jigs can be made and used not only for this project but for others. Teachers will leave this session with plans and ideas that they can immediately incorporate into their own construction labs. While this session is recommended for CTS construction teachers, other teachers, with an interest and experience in wood-working, are also welcome. Teachers attending the session are encouraged to bring information that they use in their courses to share with others. Please consider bringing any plans, project photos, jigs, notes evaluation or other activities that you use in your classes. Another purpose for this session is to help build a network of CTS construction teachers so that future PD activities can be fostered. We will spend some time talking about best teaching practices and hopefully teachers will be able to leave the session with new resources that they can use in their own classes.

ID: 249 - MAXIMUM: 40 (PRE-REG) A Day for PE teachers **Speaker: Harper**

Timeslot: A 8:45 Thursday 8:45 - 4:00 pm **OFF-SITE**

DESCRIPTION:

- Pre-registration is required.
- This Off-Site program is offered at 3100A Stewart Creek Drive Canmore, AB. Delegates are responsible for their own, round-trip transportation.

Description: It can be challenging at convention for the PE specialist - where to go to find new games/activities/movement/wellness? This session will be held in CANMORE, AB! The day will be broken up into 4 different blocks with focuses on specific grades and level of instruction. Listed below are the four sessions and the two offerings within each hour.

8:30am-9:00am arrive at 3100A Stewart Creek Drive Canmore, AB There is ample parking in front of the building and no parking permit is required.

9:00am-10:00am Warming up safe workshop run by University of Calgary Carla van den Berg in the gymnasium

A New Standard For Warming Up - What do you do with your students or athletes to warm up? The standard of practice has been variable, from laps around the gym, a dynamic warm up, to static stretching. New evidence has shown that warm ups that include agility, balance, strength and aerobic components significantly reduce rates of injury, improve fitness and develop movement skills. A recent study in Calgary junior high schools showed that students who consistently completed this type of neuromuscular warm up in their physical education classes had 62% fewer lower body injuries compared to their peers! Join us to learn what neuromuscular training is and how teachers, coaches and leaders across Alberta have been implementing it as a warm-up in the first 10 minutes of physical activity. Participants will leave with free resources created in partnership with Ever Active Schools, the Be Fit For Life Network, and the Sport Injury Prevention Research Centre at the University of Calgary, along with ideas to bring to the classroom on Monday morning.

10:00am-10:15am Nutrition break

10:15am-11:30am Track and Field in the gymnasium

This session includes ideas for how to warm up your Jr/Sr high track and field class within your class and team followed by 2 breakout sessions looking at technique basics of hurdles and high jump

11:30am-1:00pm Lunch break – tables will be set up in atrium for those who have brought their own lunch or to purchase downtown Canmore is located 8km from the school.

1:00pm-2:30pm Dance: Building foundations and creative strategies for both JR/SR high programs in gymnasium OR

Yoga for the intermediate practitioner in atrium

2:30pm-2:45pm Nutrition break

2:45-3:45pm:Gym wide activities for elementary grade 4-6 OR
Creative cool down activities for middle and High School

This is an ACTIVE day! Bring your indoor running shoes, water bottle and snacks to keep you going! The school has showers and change rooms if attendees wish to freshen up after their day.

ID: 255 - MAXIMUM: 30 (PRE-REG) Integrating STEAM with Problem-Based Learning - Part 1 **Speaker: Cole**

Timeslot: D 1:15 Thursday 1:15 - 2:30 pm **IMPERIAL 2**

DESCRIPTION:

Pre-registration is required for this session.

Are you looking for a way to actively engage your students and effectively collaborate? Do you want your class to move past topic-based learning? In this session, we'll share how we use problem-based learning in an elementary setting. Drawing from STEAM, Makerspace, Design Thinking, Big Questions and Growth Mindset concepts, we'll share experiences of how we got our students to communicate and problem solve with each other. Project examples will highlight how students plan, research, question, construct, test and improve their ideas. We'll discuss both celebrations and challenges of encouraging students to be better innovators, collaborators, risk takers, and critical thinkers. Leave feeling energized and more prepared that you can move from teaching topics to encouraging your students to be architects of their own learning! This is the first of a 2 part session.

ID: 259 - MAXIMUM: 30 (PRE-REG) Full STEAM ahead! (Part 2 of Problem-Based Learning) **Speaker: Bechthold**

Timeslot: E 2:45 Thursday 2:45 - 4:00 pm **IMPERIAL 2**

DESCRIPTION:

Pre-registration is required for this session.

How do you STEAM up your teaching? In this hands-on session, we'll collaborate and discuss how to use essential questions and the Design Process to address many facets of literacy – physical literacy, reading and writing. We'll build in the principles of STEAM (Science, Technology, Engineering, Arts, Math). We'll list ideas on how to set up your own Makerspace, fundraising options, community / conference connections, website links, and examples of technology activities (robots, squishy circuits, etc.). Get ready to build a potential lesson and your toolkit!

ID: 269 - MAXIMUM: Max 30 (PRE-REG) Calgary Zoo: Discovering Nature Play **Speaker: Warner**

Timeslot: G 10:00 Friday 10:00 am - 11:15 am **OFF-SITE**

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.

Description: Are you curious about what nature play is and how you can use it in your classroom? Learn how the Calgary Zoo uses nature play to build confidence, risk assessment skills and empathy. We will also walk over to an onsite nature play based playground (weather permitting).

ID: 270 - MAXIMUM: Max 30 (PRE-REG) Calgary Zoo: Exploring Nature Play Programming **Speaker: Warner**

Timeslot: H 11:30 Friday 11:30 - 12:45 pm **OFF-SITE**

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.

Description: Learn hands on by interacting with some pre-set programs. Be ready to bring out your inner child and play both indoors and outdoors! We will rotate through stations and discuss tactics for nature play programming in your classroom.

ID: 272 - MAXIMUM: Max 30 (PRE-REG) Calgary Zoo: Designing Nature Play Playgrounds **Speaker: Warner**

Timeslot: I 1:00 Friday 1:00 - 2:15 pm **OFF-SITE**

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.

Description: For advanced nature play facilitators, come see how to update your play spaces, or playgrounds. We will discuss evaluation tools for spaces, see some safe options for risky play, and find resources to help you build your ideas.

ID: 274 - MAXIMUM: Max 30 (PRE-REG) Calgary Zoo: Nature Journaling through Destination Africa

Speaker: Hardy

Timeslot: H 11:30 Friday 11:30 - 2:15 pm OFF-SITE

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.

Description: Immerse yourself in the warmth of 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 descriptive writing. Be prepared to have fun and discover your inner artist as you slow down and appreciate the finer details around you. No previous artistic experience necessary, just a willingness to have a go!

ID: 275 - MAXIMUM: Max 30 (PRE-REG) Calgary Zoo: The One and Only Ivan; how stories stimulate inquiry Speaker: Duffy

Timeslot: D 1:15 Thursday 1:15 - 2:30 pm OFF-SITE

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.

Description: Explore the needs of various plants and animals in our Rainforest building with a focus on our gorillas. Compare how our gorillas' needs are met in comparison to Ivan's, including looking at the surroundings in the building. Discuss how these amazing creatures are doing in the wild and what we can do to help them and their continued survival.

ID: 276 - MAXIMUM: Max 30 (PRE-REG) Calgary Zoo: Adaptations and Biodiversity through the Canadian Wilds Speaker: Duffy

Timeslot: E 2:45 Thursday 2:45 - 4:00 pm OFF-SITE

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.
- Description: 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. Discussion will also include how humans are affecting these footprints in negative and positive ways, with a focus on the positive.

ID: 279 - MAXIMUM: Max 30 (PRE-REG) Calgary Zoo: Numeracy in Pandas Speaker: Duffy

Timeslot: F 8:30 Friday 8:30 -9:45 am OFF-SITE

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.

Description: Skip the lines and come and see our enigmatic black and white bears! While viewing these unique animals, 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: 280 - MAXIMUM: Max 30 (PRE-REG) Calgary Zoo: Waste and the Penguin World; A behind the scenes look at how we maintain our penguin pool. **Speaker: Duffy**

Timeslot: G 10:00 Friday 10:00 am - 11:15 am **OFF-SITE**

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.
- Description: Take a tour of our state of the art filtration room, including looking at the sustainability features of this building. Find out how much natural waste the penguins produce and the challenges we face to manage it, keeping the pool clean for the penguins and clear for viewing! You'll also get to see the penguins splashing about in their watery world and have your penguin questions answered by one of our staff. Included in this program is instructions on how you can do a waste audit in your school or class to compare to the zoo.

ID: 281 - MAXIMUM: Max 30 (PRE-REG) Calgary Zoo: Animal Health and Happiness **Speaker: Duffy**

Timeslot: H 11:30 Friday 11:30 - 12:45 pm **OFF-SITE**

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.
- Description: Come and explore the Calgary Zoo's Animal Health Centre and how we look after our animals. Compare our human health and life skills to how they are managed for our animals, analyze how positive health habits can be supported by a variety of approaches to health practices and treatments discussing how we keep them healthy with their diet and the changing needs of the various animals and their life stages.

ID: 282 - MAXIMUM: Max 30 (PRE-REG) Calgary Zoo: Life of Pi; Animals, Literature and

Anthropomorphism **Speaker: Duffy**

Timeslot: I 1:00 Friday 1:00 - 2:15 pm **OFF-SITE**

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.
- Description: Have you ever wondered how much space a tiger would take up in Yann Martel's Life boat in Life of Pi? This is your chance to find out what it would be like to share a life boat with the myriad of animals that start off on Pi's adventure across the ocean. We'll explore the natural history of tigers and

learn about their relationship with humans, including animal training. In a discussion about zoos around the world we'll also compare the Pondicherry Zoo to the Calgary Zoo.

ID: 286 - MAXIMUM: Max 30 (PRE-REG) Calgary Zoo: Play is the Thing! **Speaker: Smith**

Timeslot: F 8:30 Friday 8:30 am - 2:15 pm **OFF-SITE**

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.

Description: In this active, hands-on workshop, participants will leap right into an exploration of theatre as a teaching tool. By engaging in a mini-production of "Croak!" a popular program from the Calgary Zoo's School Programs, you will see how science nature and drama can all come together to facilitate your students' learning.

Using this play as an example for inspiration, Sarah M. Smith will then work with you to guide you through the process of using science to develop your own script/story-telling idea. This workshop focuses on making arts education techniques relevant and accessible to science educators. Through an exploration of theatre, story-telling, music, and other performing arts, you will be given curriculum-linked examples of how to turn a science (or math) lesson into something deeply creative, fun, and personally relevant for your students.

Participants are encouraged to bring projects that they hope to work on with students, so that they can use these examples to create their own pathway through artistic creation. Sarah will provide a breakdown of her process and the relevant application to each project, complete with worksheets, and examples. Through workshoping each project together, participants will leave with tools and ideas for bringing theatre into the classroom as a powerful teaching tool.

ID: 310 - MAXIMUM: 30 (PRE-REG) Bullet Journaling- The Basics and Beyond **Speaker: Kruger**

Timeslot: F 8:30 Friday 8:30 - 11:15 am **TELUS 103**

DESCRIPTION:

- Pre-registration is required.
- There is a participant fee of 20.00. Please bring exact change to be collected at the session, by the speaker.

Description: 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: 333 - MAXIMUM: 30 (PRE-REG) Not Monopoly... Engaging Students Using Unorthodox Board Games

Speaker: Sovyn

Timeslot: E 2:45 Thursday 2:45 - 4:00 pm **TELUS 107**

DESCRIPTION:

- Pre-registration is required.

Description: 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: 343 - MAXIMUM: 25 (PRE-REG) Invisible Waste: Air quality lesson plans from TELUS World of Science Edmonton **Speaker: Armstrong**

Timeslot: D 1:15 Thursday 1:15 - 4:00 pm **TELUS 101**

DESCRIPTION:

- Pre-registration is required.

Description: This session will introduce you to the science of air quality and offer ways of bringing this important topic into your classroom through hands-on activities and inquiry-based experimentation. We will learn about common air pollutants, their impact on our health and the environment, how we can measure and monitor air pollution, and where we can find reliable air quality data for Alberta. Workshop participants will receive several free resources including a series of air quality lesson plans, a PocketLab Air sensor (up to \$300 value), materials lists for all activities, teacher's resources, and much more! Come learn how these resources can be applied in your classroom in support of the Alberta science curriculum for grades 4, 7, 9, and Science 30. (If you are unable to make this session, TWISE wants to bring it to your area for free! If you're interested, please contact sim@twose.ca.)

ID: 374 - MAXIMUM: 50 (PRE-REG) Democracy Bootcamp: PDTCA 2019 presented by CIVIX **Speaker: CIVIX**

Timeslot: F 8:30 Friday 8:30 am - 2:15 pm **OFF-SITE**

DESCRIPTION:

This is a full -day, offsite session at Telus Spark Centre, Feature Gallery South - 220 St. Georges Dr NE, Calgary, AB .

Space is limited. Please register through the following link by Thursday, January 24: <https://democracy-bootcamp-pdtca-2019.eventbrite.ca>

One of the most urgent issues facing democracies today is the spread of misinformation and disinformation. The ability to discern true from false, and reliable from unreliable, is an essential skill of citizenship in the digital age. Learn the tips and tricks for fact-checking and verifying sources that you can bring back to your classroom and empower your students to be informed citizens.

In preparation for the spring provincial election, listen to experts and journalists share their insights relating to the parties and campaign strategies, and participate in small group discussions with other teachers to speak about useful tools and best practices for Student Vote.

Teachers will leave the day ready to challenge their students into thinking about politics, news consumption and participating in Student Vote Alberta 2019.

If you have any questions, please email the CIVIX team at bootcamp@civix.ca.