

# 'Dive Into Inquiry'

Professional Development District Day  
Brought to you by:  
**Kamloops Thompson Teachers' Association**  
Monday, April 23rd, 2018

Welcome to your Professional Development Day 2018. Maps and room locations will be posted throughout the school. Your registration should be confirmed by email when you indicate your choices online; only people who do not use the system should check in at the registration desk in the front foyer of NorKam Secondary; **the day begins in the NorKam gym at 9:00.**

\* Additional workshop rooms have been booked at Brock Middle School, the Henry Grube Education Centre, Valleyview Secondary and Westsyde Secondary, as indicated in the booklet.

## Our Schedule for the Day

8:30 – 8:55 a.m.	Coffee, late registrations
9:00 – 10:00 a.m.	<b>NorKam Gym-</b> Greetings and Introductions - Keynote – <b>Trevor MacKenzie-</b> author of ' <b>Dive Into Inquiry</b> '
10:00 – 10:20 a.m.	Coffee/Snack Break
10:30 – noon	<a href="#"><u>Workshop Sessions 'A'</u></a>
12:00 - 12:45 p.m.	Lunch
12:50 - 1:50 p.m.	<a href="#"><u>Workshop Sessions 'B'</u></a>
2:00 – 3:00 p.m.	<a href="#"><u>Workshop Sessions 'C'</u></a>
1:00 – 3:00 p.m.	<a href="#"><u>Workshop Sessions 'D'</u></a>
10:30 – 3:00 p.m.	<a href="#"><u>Workshop Sessions 'E'</u></a>

A catered lunch is provided free to KTTA members, zonal participants, displayers, and presenters. All food products have been procured from local businesses. Gluten free options will be available, however if your needs are more specific, please bring your own lunch. Filtered water will be available.

**\*\*Please bring your own water/coffee cup.**

## **Greetings from the KTTA President**

Welcome to the 2018 KTTA Professional Development Day.

If you are a teacher, thanks for joining us! It's those opportunities where we can meet together to learn from one another that are invaluable.

If you are joining us as a facilitator, thank you for giving of your time so generously to assist your colleagues.

The Professional Development Committee has worked tirelessly to respond to your requests for sessions. Thank you to each member, our Chair, Bev Brown and Office Manager, Lana Rachey, for all the behind the scenes preparation that ensures the day runs smoothly.

Whether you are looking for sessions to inform your practice on inquiry, want to know more about Outdoor Education or Ministry Designations, or if you've never picked up a uke but want to, today is all about you and your development.

Enjoy your sessions, and especially the keynote from Trevor Mackenzie.

Yours in Solidarity!

Amanda Jensen,  
KTTA President

## **Greetings from your Professional Development Chairperson and District PD Committee**

Welcome to the KTTA Professional Day for 2018.

Thank you to all for participating in this year's big Pro-D day. There is something for everyone to learn and enjoy. A big thanks to the Pro-D Committee in making this year's Pro-D day a big success. A special thanks to Lana Rachey for her work in making this day happen. I hope you enjoy what this year's Pro-D day has to offer. Have fun and learn something new that you can use in your class.

Sincerely,

Bev Brown  
KTTA Pro-D Chair

## ‘Dive Into Inquiry’

Trevor MacKenzie is an award winning English teacher at Oak Bay High School in Victoria, B.C., who believes that it is a magical time to be an educator. By increasing student agency over learning, weaving in strong pedagogy, transformative tech use, and sharing learning to a public audience, Trevor’s learners are ready to take on important roles in the 21<sup>st</sup> century.

Trevor uses technology to enhance his teaching as he experiments with the flipped classroom, self-directed and inquiry-based learning, iPad Ed, and exploring student blogging as a means to reflect on their learning. He strives to make learning public and meaningful and support innovation and connectedness amongst educators.

Trevor is the author of *Dive Into Inquiry* published by EdTech Team and a contributing blogger for Edutopia.

[@trev\\_mackenzie](https://twitter.com/trev_mackenzie)

[Trevmackenzie.wordpress.com](http://Trevmackenzie.wordpress.com)

[Trevormackenzie.com](http://Trevormackenzie.com)

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## ‘Dive Into Inquiry’

Want to make learning more meaningful in your classroom? Looking to better prepare your students for the world of tomorrow? Keen to help learners create authentic connections to the world around them? *Dive Into Inquiry* beautifully marries the voice and choice of inquiry with the structure and support required to optimize learning for students and get the results educators desire. With *Dive Into Inquiry* you’ll gain an understanding of how to best support your learners as they shift from a traditional learning model into the inquiry classroom where student agency is fostered and celebrated each and every day. This book strikes a perfect balance of meaningful pedagogy, touching narrative, helpful processes, original student examples, and rich how-to lesson plans all to get you going on bringing inquiry into *your* classroom.

After reading this book educators will feel equipped to design their own inquiry units in a scaffolded manner that promotes a gradual shift of control of learning from the teacher to the learner. Exploring student passions, curiosities, and interests and having these shape essential questions, units of study, and performance tasks are all covered in this powerful book. Learn to keep track of the many inquiry topics in your classroom and have students take ownership over their learning like never before!

Trevor MacKenzie provides readers with a strong understanding of the Types of Student Inquiry and proposes a framework that best prepares both educators and learners for sharing the unpacking of curriculum in the classroom as they work together towards co-constructing a strong Free Inquiry unit. Helpful illustrations for in-class use, examples of essential questions from a variety of disciplines, practical goals for making progress in adopting inquiry into your practice, and powerful student learning on display throughout, *Dive Into Inquiry* will energize, inspire, and transform your classroom!

## **INTERNET REGISTRATION PLEASE READ CAREFULLY**

Please do not register more than once for a workshop. You will be sent email confirmation after you have successfully registered, but this may take up to 30 minutes. If you do not get confirmation after 30 minutes, then re-register AND send an e-mail to [office@kttta.ca](mailto:office@kttta.ca) so we can check and delete any duplicate registrations.

Registrations will be OPENED ON-LINE Monday, March 12th, 2018 (and **CLOSE** Friday, April 6<sup>th</sup>). Please log on to [www.kttta.ca](http://www.kttta.ca) to register. Each session requires a separate registration. Workshops will be filled on a first-come, first-served basis. Waitlists will not be taken. If you are unable to attend a session, YOU MUST CANCEL your registration by emailing Lana ([office@kttta.ca](mailto:office@kttta.ca)) or calling the KTTA office (250-554-1223). People who register for a session and do not cancel that registration or do not attend will be denying a space to a colleague.

You can print a registration confirmation; one will be e-mailed to you as well.

\*Please note that workshops may be cancelled due to unforeseen circumstances or low registration numbers. In such an event, we will contact registrants and re-register them in an alternate workshop.

If you are unable to register through the internet, you can fax your request to the KTTA (250-554-1311), or e-mail and it will be entered manually as time permits. However, it will be faster for you to register yourself.

WE WILL BE PROVIDING WORKSHOP FACILITATORS WITH A LIST OF REGISTERED PARTICIPANTS. Facilitators plan for a set number of people. When large numbers of unregistered participants show up in their rooms, it is unfair to both the facilitator and to people who have registered for the session. If there is space you will be welcome. Please understand that if the session is full, we would expect you to choose an alternate session.

*At the end of the day you will be given a FEEDBACK survey online as well - please let us know how we can improve for next year!*

# Table of Contents

[Click the Title to jump to description of session](#)

<b>Session 'A' workshops 10:30 am - Noon:</b>	<b>9</b>
A1 'Sparking Curiosity' (10:30-12) Elementary	9
A2 'Practical Solutions for Beginning and Struggling Readers' (10:30-12) Elementary	9
A3 'Taste of Greece' (10:30-12) Brock. Middle	9
A4 'Let's Talk ELL' (10:30-12) Universal	9
A5 'Everyone Can Inspire a Love of Movement!' (10:30-12) Universal ** B.E.S.T. gym	10
A6 'Connecting Food Literacy to Redesigned Curriculum' (10:30-12) Elementary	10
A7 'Developing FUNdamental Movement Skills through a Physical Literacy Lens' (10:30-12) Elementary **repeated in Session D (1-3)**Parkcrest gym	10
A8 'Braveheart Writers: 10 Secrets to Quality Writing' (10:30-12) grades 4-9	11
A9 'The Seven Teachings of First Nations in Humanities' (10:30-12) grades 4-12	11
A10 'Everybody's Welcome: UDL and Inclusion in the New Curriculum' (10:30-12) grades 6-9 **continued in Session B (12:50 – 1:50)	11
A11 'Tinker with Text: Literacy-Based Makerspace' (10:30-12) Elementary	12
A12 'Cultural Art for Elementary School Teachers' (10:30-12) Elementary	12
A13 'The Easiest Ways to Start Coding With Your Class' (10:30-12) Elementary	12
A14 'Introducing STEM/Maker into the Elementary Classroom' (10:30-12) Elementary	12
A15 'Literacy in the Science Classroom' (10:30-12) Secondary	13
A16 'Integrating Aboriginal Content into the Secondary Curriculum' (10:30-12) Secondary	13
A17 'Mind the Gap: Connecting Secondary Teachers with TRU Instructors' (10:30-12) Secondary	13
A18 'An Introduction to Handwriting Without Tears' (10:30-12) Elementary K-3	14
A19 'The Engaging Literacy Block: Comprehensive, Connected Classroom Instruction' (10:30-12) Elementary K-3	14
A20 'As long as the sun shines, the grass grows, and the water flows... education for reconciliation in Elementary classrooms' (10:30-12) Elementary	15
A21 'Creating a Makerspace in Your Classroom/School' (10:30-12) Universal	15
A22 'Developing a Primary Nature Program' (10:30-12) Elementary K-4	15
A23 'Out in Schools' (10:30-12) Universal	16
A24 'Dive into Inquiry' (10:30-12) Universal	16
A25 'Building Portfolios for Student Success' (10:30-12) grades K-3	16
A26 'Accelerating the Progress of Readers Experiencing Difficulties' (10:30-12) Elementary	17
A27 'Visuals: I See What You Mean' (10:30-12) Universal	17
A28 'FreshGrade for Beginners' (10:30-12) Universal	17
A29 'Making Friends with Yourself: A Mindfulness Program for Teens' (10:30-12) Secondary	18
A30 'PE is fun! Minor games for all ages and spaces' (10:30-12) Universal	18

A31 'Support for Functional Literacy and Numeracy' (10:30-12) Universal	18
A32 'Innovations in High Jump and Relay Technique' (10:30-12) ** Hillside Stadium- Jumps Area	19
A33 'BlendEd 101' (10:30-12) Secondary	19
A34 'Learning at the Museum' (10:30-12) Universal	19
A35 'Modern Ukulele for YOU' (10:30-12) Universal	20
A36 'Applying Curricular Competencies in the 4-7 Social Studies Classroom' (10:30-12) ***continues in session B (12:50 – 1:50)	20
A37 'Understanding Physics Part 1: Exploring Matter' (10:30-12) **BIG Little Science Centre	20
A38 'English Language Arts 1- -The New Curriculum' (10:30-12)	21
A39 'Inquiry Approaches to the New Science K-7 curriculum- *K-3 focused' (10:30 – noon)	21
<b>Session 'B' workshops 12:50 pm - 1:50 pm:</b>	<b>22</b>
B1 'Teaching Insights for Shot Put' (12:50 to 1:50) **Hillside Stadium- Shot Put Pit.	22
B2 'Playful Inquiry: Patterns in Kindergarten' (12:50 – 1:50) preschool and K-4	22
B3 'Healthy Baking' (12:50 – 1:50) Brock Middle	22
B4 'Everybody's Welcome: UDL and Inclusion in the New Curriculum' (12:50 – 1:50) ** continuation from Session A. grades 6-9	23
B5 'Aboriginal Dancepl3y' (12:50 – 1:50) Elementary	23
B6 'Managing Anxiety in the Classroom' (12:50 – 1:50) Universal	23
B7 'The Power of Extreme Writing! Creating Eager and Fluent Writers' (12:50 – 1:50) grades 4-9	24
B8 'Applying Curricular Competencies in the 4-7 Social Studies Classroom' (12:50 – 1:50); ** continued from Session A- 10:30 to noon	24
B9 'Embracing Diversity' (12:50 – 1:50) Universal	25
B10 'Introduction to Wild BC- Programs, Workshops, Grants & more!' (12:50 – 1:50) Universal	25
B11 'WriteReader' (12:50 – 1:50) Elementary	25
B12 'The Math and Science of Fast Food' (12:50 – 1:50) Middle/Junior	26
B13 'Journeys in Inquiry: Lessons Learned Along the Way' (12:50 – 1:50) Secondary	26
B14 'Virtual Field Trips' (12:50 – 1:50) Universal	26
B15 'Primary Tech Work Block' (12:50 – 1:50) Elementary	27
B16 'Art Across the Curriculum: an inquiry based approach.' (12:50 – 1:50) Universal	27
B17 'Teaching for Social Justice' (12:50 – 1:50) Universal	27
B18 'Sportification- The PE Booklet' (12:50 – 1:50) Universal	27
B19 'Mindfulness Moments' (12:50 – 1:50) Universal	28
B20 'Building Portfolios for Student Success' (12:50 – 1:50) Grades 4-7 (Freshgrade Friendly)	28
<b>Session 'C' workshops 2:00 pm - 3:00 pm:</b>	<b>28</b>
C1 'Happily Ever After Writing! A Dozen Writing Ideas Starting with the Fractured Fairy Tale' (2-3pm) Grades 4-9	28
C2 'Managing Anxiety in the Classroom' (2-3pm) Universal	29
C3 'Aboriginal Dancepl3y' (2-3pm) Elementary	29

C4 'Technology and Inclusion: Targeted to Some, Beneficial to All' (2-3pm) Universal	30
C5 'Introducing STEM/Maker into the Elementary Classroom' (2-3pm) Elementary	30
C6 'Embracing Diversity' (2-3pm) Universal	30
C7 'Teaching for Social Justice' (2-3pm) Universal	31
<b>Session 'D' workshops 1:00 pm- 3:00 pm:</b>	<b>31</b>
D1 'Sustainability: From Recycling, Repurposing to Pollinators and Planning' (1-3pm) Elementary	31
D2 'K-3 Literacy, the Core Competencies & Student Self-Reflection' (1-3pm)	31
D3 'Teaching Writing Grades 7-12 English' (1-3pm) Secondary	32
D4 'Photography and Fabric Fun!' (1-3pm) Universal ** Valleyview Secondary, Rm 125	32
D5 'Developing FUNdamental Movement Skills through a Physical Literacy Lens'(1pm-3pm) Elementary **repeat of session A **Parkcrest gym	32
D6 'Boardmaker and Clicker 6- Part 2' (1-3pm) Universal **HGEC Computer lab	33
D7 'Take Your 'FreshGrading' to the Next Level' (FreshGrade Intermediate users) (1-3pm) Universal	33
D8 'Physical and Health Education: Filling the gap from what we know to what we do' (1-3pm) *** This is at B.E.S.T. gym	34
D9 'Going Deeper with Blending' (1-3pm) Secondary	34
D10 'Kamloops Pickleball Club' (1-3pm) Universal **NorKam Gym	34
D11 'Inquiry Approaches to the New Science K-7 Curriculum *4-7 focused' (1:00 – 2:30)	35
D12 'Mathematical Knowledge for Teaching Series: Basic Facts, Multiplication and Place Value' (1-3pm) Elementary	35
D13 'Literacy in the Social Studies Classroom' (1-3pm) Secondary	36
D14 'Out in Schools' (1-3pm) Universal	36
D15 'Understanding Physics Part 2: Exploring Forces, Motion, Energy' (1-3pm) **BLSC	36
D16 'Unpacking Essential Questions' (1-3pm) Universal	36
D17 'Archaeology of the Secwepemc World from the Ice Age to Contact' (1-3pm) Universal	37
D18 'Introduction to coding robotics in the classroom' (1-3pm) Universal	37
D19 'Design Thinking and Inquiry' (1-3pm) Universal	38
D20 'Growth Mindset and Inclusion' (1-3pm) Universal	38
D21 'Learning at the Museum' (1-3pm) Universal	38
D22 'Accelerating the Progress of Readers Experiencing Difficulties' (1-3pm) Elementary	39
D23 'Understanding FASD and its impact on behavior: How we need to change our perspective in order to help these students succeed.' (1-3pm) Universal	39
D24 'Support for Functional Literacy and Numeracy' (1-3pm) Universal	39
D25 'Introduction to Blender' (1-3pm) Universal	40
<b>Session 'E' workshops 10:30 am - 3:00 pm:</b>	<b>40</b>
E1 'Uncovering the Core Competencies' (10:30 – 3) Elementary	40
E2 'Maker Day / Maker Way Teacher Training' (10:30 – 3) Universal	40
E3 'Field Testing Kit Coaching Training Workshop' (10:30 – 3) Secondary **Brock Middle gym	41

E4 'Weaving Aboriginal Perspectives into Classroom Culture & Practice' (10:30 – 3) Universal	41
E5 'Cycling Across the Curriculum' (10:30 – 3) Universal	42
E6 'Shining the Light on Domestic Violence and the Impacts on Children' (10:30 – 3) Universal	42
E7 'Kids, Competencies and Self-Assessment' (10:30 – 3) grades K-9	42
E7 'Math Plus' (10:30 – 3) Elementary	43
E8 'Designing a Design Thinking Mindset' (10:30 – 3) Universal	43
E10 'Practical Strategies for Setting Up an Effective Math Class' (10:30 – 3) Universal	44
E11 'Communicating in Colour: A Mixed Media Workshop' (10:30 – 3) Universal	
**Art Room at Brock Middle	44
E12 'The Redesigned Curriculum: a home for quality teaching and learning in inclusive language arts, social studies and humanities classrooms' (10:30 – 3) grades 6-9 **HGEC	44
E13 'Trauma Informed Classroom Strategies' (10:30 – 3) Universal	45
E14 'Innovative Gardening/Permaculture Practices to Excite Your Learners!' (10:30 – 3) Universal	45
E15 'Taking Learning Outdoors' (10:30 – 3) grades K-8	46
E16 'Hands-On Daily 5, Math Daily 3 and CAFE' (10:30 3:00) Elementary **Kay Bingham	47
E17 'Smart Education- Silent Retreat and session 9' (8:30 – 3:30) Universal	47

## **Session ‘A’ workshops 10:30 am - Noon:**

### **A1 ‘Sparking Curiosity’ (10:30-12) Elementary**

Student learners are full of questions, wonders and curious thoughts. Join Rebecca to learn practical ways to foster and celebrate these qualities in your learning environment. Through provocations, wonder experiences and meaningful integration of technology she will share how she creates a learning environment that sparks learners’ curiosities through inquiry-based style practices. Come to this session to be inspired with practical ways to support curiosity in your classroom. Rebecca will touch on iPads, GoPros, Fresh Grade, Pinterest and more!

Rebecca Bathurst-Hunt is a French Immersion Kindergarten teacher who works in the Greater Victoria School District. She is passionate about sparking children’s curiosities through innovative inquiry-based practices that honour choice, voice and student agency. Rebecca works to make learning and thinking visible through reflective practices that include learning intentions and the incorporation of technology. Rebecca is excited about sharing ideas from her co-authored book: *Inquiry Mindset* with Trevor MacKenzie.

### **A2 ‘Practical Solutions for Beginning and Struggling Readers’ (10:30-12) Elementary**

Where do I start? How do I teach them to read? When you are new to elementary or the primary grades it can often be difficult finding out where to start with beginning readers and how to help struggling readers. We will introduce you to some practical ways to teach phonics, decoding, and reading skills through music, movement, visual arts, and games.

Jennifer Coates/Carmelina Woods Jenn and Carmelina are primary teachers at Kamloops School of the Arts. They both have a passion for seeing students learn ways to be successful when being taught through the ARTS. Carmelina and Jennifer are parents of children now attending school and have found a deeper meaning in understanding the importance of the role of a great educator and parent.

### **A3 ‘Taste of Greece’ (10:30-12) Brock. Middle**

Come and enjoy a Taste of Greece- learn how to make chicken souvlaki, greek salad and greek potatoes.

Barb Robertson is the foods teacher at Brock Middle. She loves to cook and share her love of food.

[Return to Table of Contents](#)

#### **A4 ‘Let’s Talk ELL’ (10:30-12) Universal**

As the population of English Language Learners (ELLs) continues to increase in classrooms, teachers need to be culturally proficient and inclusive. How prepared are you to teach ELLs? Join Lori Nelson, Elizabeth Webber, and Pamela Gurney as they facilitate a session on supporting ELLs. Participants will understand more about ELL Standards, explore and share best practices in reading, writing, speaking, and listening, obtain practical suggestions and strategies within a UDL framework and ask questions and collaborate with colleagues. This format will be a round table style discussion where teachers can voice their concerns, share, and ask questions.

Lori, Elizabeth, and Pam are District ELL Resource Teachers working with ELLs from K-12. All three come with varied and rich experiences with linguistics, special education and technology.

#### **A5 ‘Everyone Can Inspire a Love of Movement!’ (10:30-12) Universal \*\***

##### **B.E.S.T. gym**

Physical activity is a lot more fun when you are physically literate. This workshop will provide participants with a broad introduction to the concept of physical literacy as well as provide practical guidance, hands-on experience, and information about tools and resources that are available to help them create a positive learning environment. Come ready to laugh, move, and have fun!

Alex Inglis is a PHE teacher in SD 73; she has taught PHE at both the secondary and elementary level. Alex was recently asked to present at the Shaping the Future Conference in Lake Louise on ‘The Future of Physical Education’. She is very passionate about physical literacy and she believes that anyone can inspire a love of movement.

#### **A6 ‘Connecting Food Literacy to Redesigned Curriculum’ (10:30-12)**

##### **Elementary**

This workshop will give teachers hands on experience testing food literacy lesson plans that align with the redesigned curricular competencies. SD 73 along with Interior Health and Farm to School have created two modules in food preparation and food preservation. You will actively be participating in making muffins, fruit salsa, no-bake health bars, energy balls, and smoothies. In the food preservation module we will be introducing fruits/veggies soup in a bag, fruit leather, and dehydration options. We will be introducing new kits that you can loan from the HGEC library so that you can create these opportunities for your students. This fun and engaging workshop will involve cooking, tasting and learning how to facilitate and engage students in food skills and the food system.

Sherry Stade is the SD 73 Health Promoting Schools Coordinator; Simon Jennings is an Interior Health Dietitian; Addie DeCandola is a Farm to School Coordinator. SD 73, in collaboration with experts in the field of Food Literacy, Kamloops Food Policy Council, and teachers have developed tools and resources to support teachers’ and students’ understanding of Food Literacy that integrates cross-curricular connections. Our work has been informed by community partners and the Farm to School programs in the Kamloops Thompson region.

[Return to Table of Contents](#)

### **A7 ‘Developing FUNDamental Movement Skills through a Physical Literacy Lens’ (10:30-12) Elementary \*\*repeated in Session D \*\*Parkcrest gym**

Develop physical literacy in your students by using simple yet powerful and purposeful movements to build confidence, competence, creativity, and community while exploring fundamental movement skills. This workshop provides a deeper understanding of physical literacy, its benefits and connection to the redesigned curricular competencies. Come away from this session with ideas on how to easily integrate cross-curricular support and DPA movement skills into existing units and programming both in the classroom and in physical and health education classes.

David Helm is a Physical and Health Education teacher in Vernon and the creator of PEGames.org. He has a passion for curriculum development and collaborating with experts in the field to create engaging and fun movement opportunities for students. David Helm has developed many tools and resources to support teachers’ understanding of Physical Literacy.

### **A8 ‘Braveheart Writers: 10 Secrets to Quality Writing’ (10:30-12) grades 4-9**

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.

Diana Cruchley is an award-winning educator, an author who has taught at both elementary and secondary levels. She is the recipient of the Governor General’s Fight to Freedom Literacy Award. Her practical workshops for grades 4-9 are always enthusiastically received.

### **A9 ‘The Seven Teachings of First Nations in Humanities’ (10:30-12) grades 4-12**

This workshop focuses on the Seven Teachings of First Nations culture. It connects the teachings to the student’s strengths, knowledges of the seven teachings and personal styles of writing. As a teacher, you will help the students create and design their own medicine wheel. Each student will look within themselves to develop their own ideologies of humility, honesty, courage, wisdom, respect, love and truth. We will take a look at the use of stories and myths that revolve around these teachings and that you can intertwine within the student’s learning.

Jacqui Ferguson has worked in the Williams Lake area for over 20 years. She began her career in Kamloops as a TTOC and then ventured north. She taught 15 years in a First Nations Band school and then entered the district teaching first in the rural area of Nemiah then Columneetza Middle School in Williams Lake. She has been a Special Education teacher for over 12 years now and has developed programs that have been used in Modified and regular classes. Her enjoyment is seeing students of all educational levels succeed in programs that are designed to be integrative in her classroom.

[Return to Table of Contents](#)

### **A10 ‘Everybody’s Welcome: UDL and Inclusion in the New Curriculum’ (10:30-12) grades 6-9 \*\*continued in Session B (12:50 – 1:50)**

This workshop is designed to give intermediate and middle school teachers the tools to build unit and lesson plans that can help foster inclusive learning environments. Blending developmental theory with practical exercises, participants will leave with not only the tools to make their classrooms more inclusive, but also the foundation of understanding why these strategies are effective.

Jessica Hill is currently a grade 9 Humanities teacher in Williams Lake but was a Special Education teacher for the past 3 years. She recently completed her Master of Special Education degree in which she focused her research on teacher impact on resiliency.

### **A11 ‘Tinker with Text: Literacy-Based Makerspace’ (10:30-12) Elementary**

Do you and your students like to tinker? You know... when you’re ‘messaging about’ with stuff to create something new, figure out how it works, or make it better somehow. Come learn how to ‘tinker with text’ in your classroom through the intersection of reading, writing, and makerspace. This is a cross-curricular framework where all three disciplines are equal players.

Vicki Den Ouden (M.Ed.) is a Reading Intervention Teacher in Kelowna. She has taught courses for UBCO and UNBC, and is an ed tech consultant. She is also the host of Learning Lab on Shaw TV Okanagan and a blogger at [www.tinkerwithtext.com](http://www.tinkerwithtext.com).

### **A12 ‘Cultural Art for Elementary School Teachers’ (10:30-12) Elementary**

We will discuss different ways to incorporate art in the classroom using beads, rawhide, feathers and recycled materials. Art in the classroom can be kept simple with minimum cost and can include storytelling, math and language arts activities. There will be a couple of hands on art projects for you to try and take back to your school. Come out and enjoy a hands on, relaxing experience. Anyone can be an artist.

Leeann Eustache has been with SD 73 for 17 years as an Aboriginal Education Worker and is currently employed at Barriere Elementary School. She is a member of Simpcw First Nation. Her interests have always been around art. She likes to find ways to incorporate art into the classrooms as a learning tool and to find ways to do so cost effectively and by recycling products.

[Return to Table of Contents](#)

### **A13 ‘The Easiest Ways to Start Coding With Your Class’ (10:30-12)**

#### **Elementary**

In this engaging and hands on workshop, teachers will explore ways to get started with using coding in your class. The software is free, and often web based, so no installation is required. Teachers should bring a laptop, chromebook, or an iPad so they can participate. We will use free online lessons, and look at some print resources that take the mystery out of getting your grade 3-7 students started with coding.

James Gill is a teacher in SD 43/Coquitlam. Currently he teaches grades 4 and 5 in the Reggio Inspired program at Meadowbrook Elementary. Over his 18 year career, he has taught at elementary, middle, and secondary levels, is one of 26 Microsoft Innovative Educator Fellows for Canada, and has been a speaker and presenter at national and international conferences. He loves cooking, travel, fitness and family.

### **A14 ‘Introducing STEM/Maker into the Elementary Classroom’ (10:30-12)**

#### **Elementary**

Interested in bringing MAKER into the classroom, but don’t know where to start? This workshop includes a variety of resources and activities to get you started with Making in the classroom. We will talk about curriculum integration with the core subjects, as well as how to link STEM/Maker to the Core Competencies.

Heather Elliott has been teaching Technology Education for the last 15 years in Chilliwack, mostly Metal Fabrication and Drafting & Design. She is extremely passionate about the new curriculum, and how to integrate all subject areas into Applied Design, Skills and Technologies projects. She enjoys the outdoors, crafting and spending time with her husband, 2 daughters and Fur babies.

### **A15 ‘Literacy in the Science Classroom’ (10:30-12) Secondary**

In this workshop, participants will explore reading and writing using examples from middle and secondary school science classes. All examples used will be from science based texts.

Kyla Hadden has taught in the North Okanagan-Shuswap for over fifteen years. She started her career teaching upper intermediate and has taught a variety of English and History courses at the Secondary level for thirteen years. Kyla recently published her first book *Powerful Readers: Thinking Strategies to Guide Literacy Instruction in Secondary Schools*.

[Return to Table of Contents](#)

## **A16 ‘Integrating Aboriginal Content into the Secondary Curriculum’ (10:30-12) Secondary**

Sustainable and accessible Aboriginal curriculum content is a challenge for many secondary educators especially about our local indigenous peoples. This session will provide attendees with local First Nations resources for grades 8-10 matching the scope and sequence of the newly designed B.C. curriculum.

Sylvia Gropp is a local Kamloops historian who has done extensive historical research of Kamloops and the surrounding area. Her work is about exploring the relationship between property ownership and prevailing economic trends from 1850 to present, and the history of the sex trade industry in Kamloops. Her first publication *Kamloops: Trading Post to Tournament Capital* has become the authoritative historical text on Kamloops. Recently she contributed historical research for the television program, *BC Was Awesome*. Currently, she sits on the Board of Directors for the Thompson Rivers History and Heritage Society and is completing her Masters in Museum Education through UBC.

Lynda Hall teaches at Sa-Hali Secondary. She has been teaching Physical Education, Social Studies and English for 23 years and along with her classroom duties, she is currently the Core Subject Instructional Coordinator and Aboriginal School Leader for her school. A part of her responsibilities is to facilitate the integration of aboriginal content throughout the curriculum.

## **A17 ‘Mind the Gap: Connecting Secondary Teachers with TRU Instructors’ (10:30-12) Secondary**

Are your students ready for university? Is university ready for your students? Similar to the gap between elementary and secondary school, there is a gap between secondary and post-secondary. Join the conversation to bridge the gap and be part of a growing community of practice of School District teachers and TRU faculty. The bulk of this session will involve roundtable discussions between secondary and post-secondary instructors of similar disciplines (e.g., English, Math, Sciences, History, Geography, etc) to explore what each group can learn from the other and possibly lead to further collaborative projects. Topics for discussion may include (but not be limited to): assessment, innovative teaching/learning, and new curriculum directions.

John Churchley is Principal Lecturer and Chair of the School of Education at Thompson Rivers University. He recently retired from a 30 year career as a teacher and leader at SD 73, his final position being Assistant Superintendent- Elementary Education. John’s main focus at TRU is innovation and teaching/learning in the Bachelor of Education program.

[Return to Table of Contents](#)

### **A18 ‘An Introduction to Handwriting Without Tears’ (10:30-12) K-3**

The Handwriting Without Tears (HWT) program is a handwriting curriculum designed by occupational therapists that is research-based and includes a multisensory, developmental approach to learning. Find out why the program is so successful and learn some tips on how to teach printing and cursive.

Sophia Sarrasin is currently teaching grade 2/3 at Parkcrest. Most of her 13 years teaching have been in the early primary grades. Sophia has taught printing and cursive using Handwriting Without Tears for seven years and has recently become a level 1 Certified HWT writing specialist.

### **A19 ‘The Engaging Literacy Block: Comprehensive, Connected Classroom Instruction’ (10:30-12) Elementary K-3**

This hands-on session will expand K-3 educators’ expertise by providing practical, research-based tools, strategies and routines for effective classroom practice in comprehensive literacy instruction. We will explore impactful instructional practices that support the core essentials of primary literacy development, including scheduling considerations for scaffolded reading and writing supports, and examples of meaningful literacy activities that foster language and literacy development for all students.

Sasha Zekulin has been a Program Manager and Teacher Consultant for the Provincial Outreach Program (POPEI – [www.popei.ca](http://www.popei.ca)) since its inception in January, 2014. Sasha has over 17 years’ experience in education, first as a primary classroom teacher and then as an Education Technology Consultant in Calgary and throughout Western Canada. Now, through POPEI’s model of capacity building for educators, she is able to share her passion for effective literacy and instruction, and helping K-3 teachers with best practice in early literacy instruction and intervention. Working with educators in infusing the Redesigned K-3 ELA Curriculum and the Core Competencies into the classroom has been incredibly rewarding, as Sasha’s enthusiasm for guiding students to be well-rounded, kind, compassionate thinkers is one of the reasons she became a teacher.

### **A20 ‘As long as the sun shines, the grass grows, and the water flows... education for reconciliation in Elementary classrooms’ (10:30-12) Elementary**

*Under One Sun* recognizes the importance of treaty and reconciliation education. Workshop participants will explore how this resource fosters a balanced learning environment that engages and supports literacy success for Indigenous and non-Indigenous students and uses Indigenous voices to think about and connect to reconciliation.

Linda Isaac takes great pride in her Anishinabek heritage and comes from Alderville, a First Nation community located on the shores of Rice Lake north of Cobourg, Ont. During her 33 years in education, Linda was a classroom teacher, Program Department Resource Teacher, Primary and Junior Education Program Specialist, Vice-principal and Principal. She is passionate about helping classroom teachers better understand the First Nation child’s distinct learning styles and infusing Indigenous perspectives into the curriculum.

[Return to Table of Contents](#)

## **A21 ‘Creating a Makerspace in Your Classroom/School’ (10:30-12) Universal**

Participants in this workshop will learn how the MakerEd movement with a STEAM (science, technology, engineering, arts and math) focus can be an effective way to integrate the Applied Design, Skills and Technology (ADST) curriculum in their classroom or school. We will explore the various buzzwords, resources, tools, technologies and potential assessment strategies found in the classroom based Makerspaces. Participants will have an opportunity to explore and play with some common makerspace resources and discuss strategies on how to connect ADST to language arts/aboriginal units.

Dereck Dirom currently teaches a Makerspace program at Abbotsford Sr. Secondary School and is the founder of GearBots Makerspace. He has seen first hand how promoting science, technology, engineering, arts and math (STEAM) through the use of robotics and coding can be an effective way to engage and motivate a diverse community of learners. In 2008, he was awarded a **Mitchell Odyssey Foundation Grant**, which has assisted in the expansion of his community based Makerspace program. In addition, Dereck is the creator and technical chair of GearBots Coding Challenge hosted at the BC Skills Canada provincial competition held each year at the TradeX in Abbotsford.

## **A22 ‘Developing a Primary Nature Program’ (10:30-12) Elementary K-4**

Nature based classrooms are powerful programs that seamlessly merge early childhood and environmental education to develop a lifelong connection with the natural world. This workshop is for preschool and primary educators who are thinking about adding a nature component to their current program and for those who have started to take their students outside and are looking for more information to run a successful and safe outdoor program.

Liz McCaw is a Nature Kindergarten teacher who has taught for over 20 years, most of that time in the Kindergarten or Preschool classroom. She has a Masters in Early Education, is an author (*Outside our Window: developing a primary nature program*), researcher, innovator, mentor, collaborator, presenter, leader and lifelong learner. Currently she teaches Nature Kindergarten in Nanaimo BC, writes for her blog Nature Play on Vancouver Island and works as a consultant. She believes strongly in the power of Reggio’s tenant of the environment as a third teacher and the power of children’s learning through nature. Her hobby is to work with teachers to transform their classroom to convey a sense of calmness, beauty, natural light and include elements of nature.

[Return to Table of Contents](#)

### **A23 ‘Out in Schools’ (10:30-12) Universal**

In this workshop session, Out in Schools facilitators will take you from LGBT2Q+ 101 through understanding ways in which you can better support students, strengthen your student body and broaden your understanding of this beautiful and diverse community. Since 2004, Out in Schools has provided educational workshops throughout the province of BC, using the powerful medium of films to dig deep into dialogue around best practices for creating a safer and more inclusive community.

Gavin Somers (who uses the pronouns they/them) is a skilled facilitator and educator. Gavin is currently the Program Coordinator for the Out in Schools program, delivering LGBT2Q+ education throughout the province. A writer, performer, activist and advocate, Gavin uses charm to win over audiences and promote safer spaces for diving into those deeper unexplored places.

### **A24 ‘Dive into Inquiry’ (10:30-12) Universal**

With the abundance of information and knowledge at our student’s fingertips, the inquiry-based learning teaching model is making a resurgence amongst educators around the world. Mr. MacKenzie will walk you through several inquiry models beginning with a teacher directed framework and moving towards a student directed process. Helping students brainstorm topics and discuss issues, formulating driving questions, planning and assessing a unit, and creating authentic work will be presented. Many student examples will be shared throughout the workshop as well as resources for teacher use.

Trevor MacKenzie is an award winning English teacher at Oak Bay High School in Victoria.

### **A25 ‘Building Portfolios for Student Success’ (10:30-12) grades K-3**

(FreshGrade friendly)

Assemble simple and effective student portfolios that celebrate individual growth in curricular and core competencies. See how to use reading and writing performance standards as scaffolding to create personalized learning targets for every student. Within the context of a portfolio, view simple ways your students can explore their passion and meet learning targets. View assessment samples from BC educators, portfolio binders, and walk away with a zip file for immediate download to your laptop or computer.

Jennifer Moroz’ current position is Assessment: Curriculum Implementation in SD 57 (Prince George). She has the opportunity to build assessments with teachers in the district and share with others. She is passionate about developing frameworks that showcase learning and reflect the spirit of ‘Building Student Success’.

[Return to Table of Contents](#)

## **A26 ‘Accelerating the Progress of Readers Experiencing Difficulties’ (10:30-12) Elementary**

This research based interactive in-service is designed for Elementary Learning Support and Classroom teachers. Participants will develop an understanding of how restructuring and rethinking programming and teaching practices for children experiencing difficulties in reading can lead to accelerated gains for at-risk students. Drawing on leading educational researchers some schools are reconsidering their delivery modes for Learning Support (and the Classroom) and are successfully using a daily supplementary small group or “side-by-side” teaching intervention model for at-risk readers. In an interactive manner, the presenter will model and describe how a daily strategically-based reading intervention program can make a positive difference with vulnerable students. The question “What is possible for students experiencing difficulties in reading?” as from September 27, 2011 to late June, 2017, 144 students (Gr. 1 to 5) who were below grade level in reading reached the average band of instruction.

Paul Pantaleo (B.Ed, MA and Post Masters Diploma) is currently a Learning Support Teacher. As a sessional instructor at the UVic, he has taught numerous courses focusing on assisting students at the elementary level experiencing difficulties with reading and writing. He has been an elementary vice-principal, Reading Recovery Trainer, Teacher Leader and Teacher.

## **A27 ‘Visuals: I See What You Mean’ (10:30-12) Universal**

We all benefit from visuals every day- street lights, calendars, phone icons, maps and more. Visuals are also a great way to support our students. The possibilities of how and when to use visuals are endless and exciting. Join Kristin to deepen your understanding of the importance of visuals and explore options for a variety of settings. Share your favourite visual ideas with others and leave with resources, ideas, templates and inspiration.

Kristin Wiens (@kwiens62), MEd, is an Inclusion Coach for SD 62 in Victoria. She supports integration support and classroom teachers from Kindergarten to grade 12. Kristin is also one of the co-creators of the SD 62 Education Assistant program and has been an instructor in this program since 2015. She is author of *My Gratitude Jar* and co-creator of the *Long Story Shortz* videos and graphics available at: [northstarpaths.com](http://northstarpaths.com)

[Return to Table of Contents](#)

## **A28 ‘FreshGrade for Beginners’ (10:30-12) Universal**

In this beginner session, teachers will explore FreshGrade as a digital portfolio and assessment platform. You will learn the basics of personalizing your settings, uploading media to your account, adding artifacts of learning to your student’s portfolio, posting comments, inviting students and parents to join and many other functions that will give you a foundation to start using FreshGrade. \*Teachers must ensure they can access their FreshGrade account prior to attending this session. If they experience difficulty logging in, please contact [care@freshgrade.com](mailto:care@freshgrade.com). \*Teachers to bring their own device (laptop, chromebook, ipad/tablets and/or phones)

As FreshGrade’s Professional Learning Specialist, [Meredith Schuurman](#) has great experience in both education and technology as an educator and former Walt Disney employee. Having earned her B.Ed at the UBCO, she brings 5+ years’ teaching experience at the secondary and post-secondary levels, including occupying a Lead Instructor/Department Head role at Kelowna’s Centre for Arts and Technology in their audio and music department. A proponent of the use of technology in the classroom, Meredith is passionate about communicating learning and fostering student engagement through ownership and accountability. Meredith strives to present Professional Learning from a teacher’s perspective and looks forward to supporting attendees in their learning journeys with FreshGrade!

## **A29 ‘Making Friends with Yourself: A Mindfulness Program for Teens’ (10:30-12) Secondary**

Adolescence is a time of change and growth; it is the period of life reserved for rebellion and self-discovery, but as the demands in life increase for teens, this time is often fraught with confusion, anxiety or depression. For many teens, these challenges lead to disconnection and isolation. Making Friends With Yourself (MFY) is an empirically-supported program designed to cultivate the core principles and practices that enable teens to respond to the challenges of these critical years with kindness and self-compassion. Discover developmentally appropriate activities and carefully crafted practices to provide teens with the opportunity to learn how to navigate the emotional ups and downs of life with greater ease.

[Dr. Bernita Wienhold-Leahy](#) is a trained teacher in Making Friends With Yourself and Mindful Self-Compassion; her doctoral research was in teaching mindfulness and self-compassion to adolescents. Bernita has worked for more than a decade with adolescents and young adults in an educational setting and has seen many young people suffer from emotional difficulties. She is passionate about bringing Mindful Self-Compassion to people in all walks of life. The joy of teaching self-compassion is the benefit it brings to others.

[Return to Table of Contents](#)

### **A30 ‘PE is fun! Minor games for all ages and spaces’ (10:30-12) Universal**

Physical education is fun. We will play a variety of games that can be used in an assortment of circumstances, from warm-up to ice breakers, small spaces to the gym, short activity breaks to full PE classes.

Trevor Rosencrans is a full time Physical and Health Education teacher at North Delta Secondary. This will be his 11<sup>th</sup> year of teaching.

### **A31 ‘Support for Functional Literacy and Numeracy’ (10:30-12) Universal**

The morning session will consist of a brief review of UDL and exploring how to teach curriculum along with examples of functional curriculum for literacy and numeracy. The afternoon session will explore technology-based options to support functional literacy and numeracy with hands-on experience for participants.

As a SET BC consultant, Alanna Wasylikiw helps BC educators build their capacity to use technology with students and implement technology using current and emerging trends in BC education. She is passionate about engaging and interactive education and the positive impact technology can have on a student’s learning, especially in the context of eLearning and instructional design.

### **A32 ‘Innovations in High Jump and Relay Technique’ (10:30-12) \*\* Hillside Stadium- Jumps Area and Inside Track Lane.**

Following this, also at Hillside Stadium, will be ‘Teaching Insights for Shot Put’ (12:50 to 1:50) \*\*This will take place at the Shot Put Pit.

Times are changing for the better and technique-related ideas are ever evolving. Come and glean some innovative ideas and tools that will help your students run, jump and throw faster, higher and farther than ever before!

Dr. Shane Wiebe is a former national-level decathlete who has over 20 years of coaching experience as an NCCP level 3 jumps & sprints coach. He has coached athletes of all ages including university-level champions and medalists. He is currently the sprints, hurdles and jumps coach for the Kamloops Track & Field Club and will be conducting the high jump and relays session.

[Return to Table of Contents](#)

### **A33 ‘BlendEd 101’ (10:30-12) Secondary**

As an introduction into the vibrant and educationally-sound world of Blended Learning, the first workshop (‘ BlendEd 101’) will highlight the varied nature of this educational process. The ‘part 2’ component (D- 1:00 – 3:00 ‘Going Deeper with Blending’) will facilitate a dialogue and creative space for participants to see where they can begin to incorporate blended learning into their own practice, and to see how this style of delivery will benefit their students, and themselves.

Thomas Diesch is a senior science and math teacher at Carihi Secondary in Campbell River. He has experience in face-to-face classroom as well as teaching in a distributed learning model at Navigate/Nides in SD 71, and in SD 72 in Campbell River through a blended program. Over the past several years Thomas has incorporated blended techniques into his face-to-face senior science classroom while also supporting educators in both districts with their professional development on implementing the redesigned curriculum and BC EdPlan through blended learning.

Danika Cottingham has taught in two districts on Vancouver Island, and has been at Carihi Secondary for seven years. She has experience in teaching both in a traditional face-to-face format, as well as a distributed learning (DL) capacity; she has recently seen the vast benefits that blended learning offers to her teaching, and to her students. She is passionate about the capacity for blended learning to allow for far greater access of individualized, personalized, and relevant learning for all of her diverse learners, and she wants to share!

### **A34 ‘Learning at the Museum’ (10:30-12) Universal**

Using historical thinking concepts and visual thinking strategies, the Kamloops Museum and Archives has developed engaging programs and tours that connect to the BC curriculum. Learn how the KMA can supplement classroom teaching and be a resource for you!

Keely Bland is the Museum Educator at the KMA. She has a BA from U of S and a Masters of Museum Studies from the U of T. She loves talking about arts, culture and heritage and getting others just as excited.

[Return to Table of Contents](#)

### **A35 ‘Modern Ukulele for YOU’ (10:30-12) Universal**

ANYONE (yes, even you) can learn ukulele, from the adult who has never touched an instrument, to the aspiring Gr.2 Rockstar. You will come away with the essentials of ukulele, including the chords to virtually any song, and a repertoire of modern songs surely to engage every student (“Closer”- Chainsmokers, “Can’t Stop the Feeling”- Justin Timberlake, “Eye of the Tiger”, “Hotline Bing”- Drake, just to name a few!) Ukulele is an excellent way to get kids engaged and EXCITED about music in general, but also to lead into other instruments such as the guitar. Come jam with me!

Michael Wood has been playing music his whole life, beginning with Piano; in Gr. 6, his teacher taught him some chords on guitar, and he’s never been the same! He taught music in the school district for 3 years, and this year he started in a grade 4/5 classroom at Bert Edwards. He also taught a few years of community group guitar lessons for the City of Kamloops. Music is a great passion, and he has played in various rock/indie/folk bands. His primary focus is the guitar and drums. He loves music and loves the opportunity to transfer that love of music to his students.

### **A36 ‘Applying Curricular Competencies in the 4-7 Social Studies Classroom’ (10:30-12) and continues in B- 12:50 – 1:50**

Learn more about the new Socials Studies curriculum and how to seamlessly integrate the curricular competencies into every lesson. The session will focus on how to work with the curricular competencies to provide the framework for the Socials Studies classroom to allow students to engage with the content through an Inquiry based approach. Using questions to promote critical thinking and encourage students to explore a variety of primary sources will build student understanding of past events and their impact on our lives today.

Kristi Cooper is the Director of Teaching and Learning at Kelowna Christian School. In her role she has the privilege of working with teachers from K-12 and help them implement the Redesigned Curriculum in the classrooms. Prior to her role at KCS, she was a teacher in SD 23. In her 16 years in the district she had many roles, ranging from classroom teacher, Literacy Support and a member of the District’s Early Learning Team. She is passionate about finding ways of engaging students in their learning through a variety of thinking strategies. In the past two years she has had the privilege of working along side Nelson Publishing to author both the Kindergarten and Grade 5 Social Studies, Student and Teacher Resource. This opportunity has helped her deepen her understanding of the competencies and how to best implement them in engaging student-centered ways, in classrooms. Her other teaching passions include Literacy, Universal Design for Learning and Assessment. Her favourite role is that of mom to three kids ranging in age from 9 – 20.

[Return to Table of Contents](#)

### **A37 ‘Understanding Physics Part 1: Exploring Matter’ (10:30-12) \*\*BIG Little Science Centre**

Feeling uncertain about your understanding of Physics and in particular the subjects of Matter and Chemistry in the new curriculum? Join us at the BIG Little Science Centre for a fun primer about what Matter and Chemistry are; including a look at atoms, molecules, different states of matter, solutions, solubility, density and more. We will explain and discuss the physics and science behind it all, while trying out some easy activities to take away and do in the classroom. We will look for ways to make connections to how science methodology and experimentation works. Hands-on science truly creates an understanding of the material; fun science activity is the way for students to learn in the 21<sup>st</sup> century classroom. A document with key points and activity suggestions will be provided.

BIG Little Science Centre is a full science centre for people of all ages, located right here in Kamloops. They are dedicated to creating a passion for science, for the public as well as for school children. Susan Hammond and other staff are science teachers who are keen to share science facts with kids, in a fun, interactive and engaging manner.

### **A38 ‘English Language Arts 1- -The New Curriculum’ (10:30-12)**

Implementation of the new curriculum is imminent. In English 10, there are now five module options. Students can choose from spoken language, new media, creative writing, composition, and focused literary to study to personalize their learning. So, how are teachers and schools going to design this into their classroom and their schedule? This past year I have piloted the use of online tools to provide these options in a blended environment, and I’d like to share my strategy with you.

Kari Daniels, B.A., B.Ed., M.A is a DL instructor with SD 23 (Kelowna). She currently teaches senior English courses in an online environment with eSchoolBC. As well, Kari develops the English courses for the BC Learning Network.

[Return to Table of Contents](#)

### **A39 ‘Inquiry Approaches to the New Science K-7 curriculum- \*K-3 focused’ (10:30 – noon)**

Exploring and learning about science is best achieved through engaging, inquiry based opportunities. The revised science curriculum focuses on ‘hands-on, minds-on’ and place-based experiences that will meet the needs of all students. Through this workshop, participants will experience engaging scientific inquiry activities that align with the revised curriculum. The examples will be taken from a new K-3 resource. Come and uncover your inner scientist through activities you can take back and use in your classroom.

David Barnum has 27 years of teaching experience in a variety of contexts. He has developed resources and delivered programs for the BC Ministry of Education, BC Hydro, The Society of Automotive Engineers and authored two science textbooks with Nelson Education. David has served as the BC Science Teachers’ Association President/Conference Chair and now sits on the SFU Dean of Education’s Advisory Council. He is currently on leave from SD 46 (Sunshine Coast) as Curriculum Coordinator where he supported parent engagement, student transitions, and renewed curriculum implementation. He is currently a Sessional Instructor/Mentor in SFU’s Graduate programs Nature-Based, Experiential Learning Cohorts. David was seconded for 3 years to develop and implement the Healthy Buddies program, an initiative of the BC Children’s Hospital and funded by the Provincial Health Services Authority. Initial research for this program was published by the American Academy of Pediatrics (2007) as well as a subsequent study in the Canadian Journal of Diabetes (2012). The Healthy Buddies program has been shortlisted twice for SFU’s Cmolik Prize for the Enhancement of Public Education in BC.

### **Session ‘B’ workshops 12:50 pm - 1:50 pm:**

#### **B1 ‘Teaching Insights for Shot Put’ (12:50 to 1:50) \*\*This will take place at Hillside Stadium- Shot Put Pit.**

This session is preceded by ‘Innovations in High Jump and Relay Technique’ (10:30-12). Times are changing for the better and technique-related ideas are ever evolving. Come and glean some innovative ideas and tools that will help your students run, jump and throw faster, higher and farther than ever before!

Dylan Armstrong is an Olympian shot putter, winning the bronze medal at the 2008 Summer Olympics. He is also a two-time Pan American Games champion, a former Commonwealth Games champion and has also won World Championship silver and bronze medals. Dylan is a long-time member of Kamloops Track & Field club, starting with the club when he was quite young. He competed for the club in local meets, provincial meets, and many championship meets. He still holds some BC JD records.

[Return to Table of Contents](#)

## **B2 ‘Playful Inquiry: Patterns in Kindergarten’ (12:50 – 1:50) preschool and K-4**

Reggio Inspired classrooms are light filled, student-centred and seek to engage children to wonder, build relationships and create through design elements which include nature, loose parts, beauty, natural light and a schedule which bends to the children’s learning. This workshop is intended for educators interested in making a shift in their practice to playful inquiry as well as those transitioning to a Reggio Inspired approach.

Liz McCaw is a Nature Kindergarten teacher who has taught for over 20 years, most of that time in the Kindergarten or Preschool classroom. She has a Masters in Early Education, is an author (*Outside our Window: developing a primary nature program*), researcher, innovator, mentor, collaborator, presenter, leader and lifelong learner. Currently she teaches Nature Kindergarten in Nanaimo BC, writes for her blog Nature Play on Vancouver Island and works as a consultant. She believes strongly in the power of Reggio’s tenant of the environment as third teacher and the power of children’s learning through nature. Her hobby is to work with teachers to transform their classroom to convey a sense of calmness, beauty, natural light and include elements of nature.

## **B3 ‘Healthy Baking’ (12:50 – 1:50) Brock Middle**

Healthy Cooking- Learn how to bake healthy muffins and fudge.

Barb Robertson is the foods teacher at Brock Middle. She loves to cook and share her love of food.

## **B4 ‘Everybody’s Welcome: UDL and Inclusion in the New Curriculum’ (12:50 – 1:50) \*\* continuation from Session A. grades 6-9**

This workshop is designed to give intermediate and middle school teachers the tools to build unit and lesson plans that can help foster inclusive learning environments. Blending developmental theory with practical exercises, participants will leave with not only the tools to make their classrooms more inclusive, but also the foundation of understanding why these strategies are effective.

Jessica Hill is currently a grade 9 Humanities teacher in Williams Lake but was formerly a Special Education teacher for the past 3 years. She recently completed her Master of Special Education degree in which she focused her research on teacher impact on resiliency.

[Return to Table of Contents](#)

## **B5 ‘Aboriginal Dancepl3y’ (12:50 – 1:50) Elementary**

We are excited and proud to share with you the dances that were choreographed by a team comprised of students and teachers from SD 73, teacher candidates from TRU and the Program Director for DANCEPL3Y. The workshop will take you through dances that are designed to develop physical literacy while introducing students to various cultural references or stories from Aboriginal people across Canada. You will receive the choreography notes, ideas for lesson plans, and access to the videos in order to bring the resource back to your classroom immediately.

Roxanne Letterlough holds a Masters in Education with a focus on Indigenous Knowledges and Indigenous Pedagogies. She is from St’at’imc Nation and currently works as SD 73’s Intermediate Aboriginal Resource teacher. ‘When I choreograph songs it becomes a collaborative effort with local Elders, community members and students in finding the appropriate movements that are culturally appropriate and relevant. Choreography becomes an immersion of a cultural experience.’  
Marianne Vande Pol is the Early Years Coordinator for SD 73. She has been a Primary Education Teacher for 20 years and holds a Masters in Education in Curriculum and Instruction. ‘BC’s New Curriculum and Core Competencies are interwoven into everything I create. It has inspired movements that encourage creative risk taking while expressing feelings, ideas, stories and experiences.’

## **B6 ‘Managing Anxiety in the Classroom’ (12:50 – 1:50) Universal**

The number of children and youth experiencing anxiety continues to rise. It can be challenging to support students in the classroom who are part of this increasing population. You may have students in your classroom who display challenging behaviours such as aggression, lack of focus, refusal to participate, peer related issues, inability to complete work, frequent medical related issues, withdrawal and so forth. Other students may not demonstrate any significant behaviours, and simply struggle without acknowledgement. This workshop will provide some basic anxiety information (how to recognize anxiety, etc.) and will suggest some effective strategies that can be implemented in the classroom setting. By utilizing even a few of the presented ideas, we can greatly increase the opportunity for student success.

Leilah Stella has a Bachelor of Social Work and a Master of Arts in Counselling Psychology. She has been working with children, youth and families in a clinical capacity for over twenty years. Leilah took a special interest in the anxiety experience approximately fourteen years ago, after recognizing its existence within her own family. Leilah has developed and facilitated many workshops for children, youth, parents, caregivers and teachers in regards to the childhood experience of anxiety. Leilah is currently working at Synergy Counselling Associates delivering services to children, youth and adults.

Nadine Mathews is a registered social worker with a Masters degree in social work and post graduate certificates in modalities specifically meant to meet the needs of children and youth. Nadine currently works as a therapist at Synergy Counselling Associates. Nadine has been working in the counselling field since 2001, primarily with children, youth, adults, and parents responding to abuse, neglect, trauma, grief and loss, and/or experiencing anxiety, depression. She is raising a family, working and volunteering in the Loops.

[Return to Table of Contents](#)

## **B7 ‘The Power of Extreme Writing! Creating Eager and Fluent Writers’ (12:50 – 1:50) grades 4-9**

Students who write too slowly, can’t ‘ideate’ quickly, fall further and further behind as subjects become more demanding. BUT... how do we enhance fluency and keep it engaging long enough to succeed? Extreme writing is a totally new journaling program that works. “It’s fun! Can we do more?” Leave with a plan for the year, and a method of assessing student capacity. The brain loves novelty and this workshop includes 7 unique strategies to keep the program novel, with multiple ideas for each strategy, creating a year of refreshing unexpected choices.

Diana Cruchley is an award-winning educator, an author who has taught at both elementary and secondary levels. She is the recipient of the Governor General’s Fight to Freedom Literacy Award. Her practical workshops for grades 4-9 are always enthusiastically received.

## **B8 ‘Applying Curricular Competencies in the 4-7 Social Studies Classroom’ (12:50 – 1:50); continued from A- 10:30 to noon**

Learn more about the new Socials Studies curriculum and how to seamlessly integrate the curricular competencies into every lesson. The session will focus on how to work with the curricular competencies to provide the framework for the Socials Studies classroom to allow students to engage with the content through an Inquiry based approach. Using questions to promote critical thinking and encourage students to explore a variety of primary sources will build student understanding of past events and their impact on our lives today.

Kristi Cooper is the Director of Teaching and Learning at Kelowna Christian School. In her role she has the privilege of working with teachers from K-12 and help them implement the Redesigned Curriculum in the classrooms. Prior to her role at KCS, she was a teacher in SD 23. In her 16 years in the district she had many roles, ranging from classroom teacher, Literacy Support and a member of the District’s Early Learning Team. She is passionate about finding ways of engaging students in their learning through a variety of thinking strategies. In the past two years she has had the privilege of working alongside Nelson Publishing to author both the Kindergarten and Grade 5 Social Studies, Student and Teacher Resource. This opportunity has helped her deepen her understanding of the competencies and how to best implement them in engaging student-centered ways, in classrooms. Her other teaching passions include Literacy, Universal Design for Learning and Assessment. Her favourite role is that of mom to three kids ranging in age from 9 – 20.

[Return to Table of Contents](#)

## **B9 ‘Embracing Diversity’ (12:50 – 1:50) Universal**

I want to guide people to look at their world and experiences with a logical mind, relying on facts more than emotional reactions. It is important to teach people how to find solutions and see for themselves while evaluating claims as true or false, to open their consciousness and be adaptable, and help them find different paths to achieving their goals. Embracing diversity involves not only accepting, but appreciating and incorporating different ways of thinking and learning. Students will need to balance this with independent critical thought, in order to direct their decisions based on facts and move forward positively.

Wai Hung Ma was born in Hong Kong and moved to Kamloops when he was 12 years old. Facing many challenges in his life, his desire to inspire people to overcome their perceived limitations led him towards motivational writing and speaking (with assistance).

## **B10 ‘Introduction to Wild BC- Programs, Workshops, Grants & more!’ (12:50 – 1:50) Universal**

Explore the Wild BC curriculum-linked, place-based resources for teachers, grant opportunities and the \*FREE\* Wild Schools Program! If you are interested in learning about exciting outdoor activities, grants for field trips and place-based learning, or looking for some resources to engage with the new curriculum, this is the workshop! <https://hctfeducation.ca/wildbc/>

For over ten years, Jennie McCaffrey has been an educator focused on **experiential, place-based learning** that exists outside of the classroom. Working on **curriculum-linked programming** through both design and delivery, Jennie has collaborated with a number of non-profit organizations that aim to **change behaviours** and empower participants to protect the environment. Some of Jennie’s experience includes designing and delivering experiential environmental programming at the Vancouver Aquarium Marine Science Centre, serving as a Director for the BIG Little Science Centre, Chairing the Lower Mainland Museum Educator’s group and teaching M.Ed candidates as a sessional instructor at UBC. She most recently worked with the Invasive Species Council of BC and Wild BC, delivering **engaging and innovative workshops** across the province.

## **B11 ‘WriteReader’ (12:50 – 1:50) Elementary**

WriteReader is a platform where young learners make the reading-writing connection authentically. This app honours emergent writing and provides space for conventional text or adult feedback. In turn, students’ word recognition and word prediction is developed by reading their own text. Come learn how you can maximize WriteReader and related apps in your primary classroom! Accounts are free, but one attendee will win an upgraded one-year subscription at the end of the session. Please bring your laptop.

Vicki Den Ouden (M.Ed) is a Reading Intervention Teacher in Kelowna. She has taught courses for UBCO and UNBC, and is an ed tech consultant. She is also the host of Learning Lab on Shaw TV Okanagan and a blogger at [www.tinkerwithtext.com](http://www.tinkerwithtext.com).

[Return to Table of Contents](#)

## **B12 ‘The Math and Science of Fast Food’ (12:50 – 1:50) Middle/Junior**

Is all fast food the same? This is a short term, inquiry-based, set of lessons that gets students fired up about what they eat. Students explore the world of fast food and learn some key concepts about nutrition, as well as improving their estimation skills. They will learn great critical thinking skills, and compare food facts with their preconceived ideas about what makes for “good eats”. A fun and engaging activity for kids in grades 6-8.

James Gill is a teacher in SD 43/Coquitlam. Currently he teaches grades 4 and 5 in the Reggio Inspired program at Meadowbrook Elementary. Over his 18 year career, he has taught at elementary, middle and secondary levels, is one of 26 Microsoft Innovative Educator Fellows for Canada, and has been a speaker and presenter at national and international conferences. He loves cooking, travel, fitness and family.

## **B13 ‘Journeys in Inquiry: Lessons Learned Along the Way’ (12:50 – 1:50) Secondary**

Two teachers from Abbotsford will share their experiences with Inquiry and Project Based learning. Both have been part of a school wide effort to make classrooms reflective of life in the work world and where students can direct their education in more practical ways. They will share their ideas and resources; their do-overs and never-do-agains as well as practical advice for anyone wanting to try Inquiry or PBL in their classroom. They hope to help you get started on planning your own inquiry projects for your classroom.

John Munro and Matthew Kosloski use project based learning and inquiry as tools to create authentic learning opportunities for their students. Together they bring perspective from several different subject areas. The principle they present in this workshop will have widespread application for all grade levels and for various levels of experience with PBL and inquiry.

## **B14 ‘Virtual Field Trips’ (12:50 – 1:50) Universal**

Our Virtual Field Trip program connects students to scientists, authors, adventurers, and other experts from around the world via live, interactive videoconference. Our students have spoken to astronauts live on the International Space Station, taken part in forensic autopsies, swam with divers on Australia’s Great Barrier Reef, spoken to WW11 Holocaust survivors, and participated in live dinosaur digs in Utah and New Mexico (just to name a few!). We’re currently rolling out low cost, school based systems to all of our schools. We’ll discuss how easy and inexpensive it can be to connect your students to the world.

Mark Hauk is a teacher and founder of the Virtual Field Trip program in SD 23 (Central Okanagan). He’s been running the VFT program since 2011.

Merle Ross is a media technologist for SD 23; he provides the amazing technical wizardry to support the VFT program.

[Return to Table of Contents](#)

### **B15 ‘Primary Tech Work Block’ (12:50 – 1:50) Elementary**

Could you use some flex time to work on some of the technology you’ve learned but haven’t had time to try out? Getting good with GEDU? Investigating iPads? Contemplating coding? Bring your tech and play! I’ll have some samples of primary level tech and tech-less coding for those who would like to explore, but this time is yours to work on what you want to and ask questions if you need help. Bring a friend to collaborate with! Don’t forget your iPad, laptop, or other device(s) you want to use.

Kelly Kipp is Teacher-Librarian at Arthur Stevenson and David Thompson Elementary Schools.

### **B16 ‘Art Across the Curriculum: an inquiry based approach.’ (12:50 – 1:50) Universal**

Participants in this session will have the opportunity to view and discuss how visual art was integrated into two inquiry based themes in: Earth Science (Gr. 7) and a Social Studies unit (Gr. 9-12) exploring cultural diversity and identity. Connections to the Big Ideas and Learning Standards of BC’s new Curriculum documents will be addressed.

Regan Rasmussen is an artist/educator who has taught K-Post Secondary art and is Past President of the BC Art Teachers’ Association. She has worked on numerous curriculum committees and is a strong arts advocate. Regan currently teaches visual arts in SD 62 and studio/curriculum classes at the University of Victoria.

### **B17 ‘Teaching for Social Justice’ (12:50 – 1:50) Universal**

Teachers have an incredible power to influence. As we work in our own area and grade it’s important to consider the ability and responsibility we have to affect social change from the ground up. This workshop will focus on teaching for social justice and teaching through a social justice lens regardless of grade or subject matter. All teachers and students benefit in a positive environment. We will explore obvious and not-so-obvious issues, and even include connections to the core competencies. All are welcome of any grade level. Diversity will enrich the conversation.

Mike Koppes is a teacher at Sa-Hali Secondary. At the centre of his practice lies the interest in creating a socially just society through the power of empathy and advocacy. He teaches all sorts of things and likes witty banter, Monty Python sketches, and giving Cold War lectures (and, foosball of course).

[Return to Table of Contents](#)

### **B18 ‘Sportification- The PE Booklet’ (12:50 – 1:50) Universal**

Have you ever asked yourself- If a parent asks me to explain my marks will I be able to give them a concise and accurate representation of why their child received the mark? We have created a “Sportification” PE booklet that will not only help with assessment in your PE, but will allow for some added fun with the students. This book is a daily tracker for both you and your students, it allows for easy assessment, students know where they stand in the class and where they can improve. The booklet encourages leadership, volunteering, and school spirit.

Brian Tommasini (Barriere Secondary) and Kirk Macfarlane (Kamloops School of the Arts) are both Athletic Directors. They have both grown up playing, coaching, and now teaching sports to kids. They developed the booklet to help with classroom and assessment management.

### **B19 ‘Mindfulness Moments’ (12:50 – 1:50) Universal**

Have you struggled with your stress responses this year? This workshop will focus on short, simple mindfulness and yoga practices that help you re-align, refocus, and find space for a little joy. Wear comfortable clothes for easy movement and bring a yoga mat or meditation pillow, if you have one.

Cecile McVittie is the teacher librarian at Sa-Hali Secondary, a certified Yoga Instructor, and a practitioner of Mindfulness. She enjoys travel, reading, writing, and spending time outdoors running, biking and hiking.

### **B20 ‘Building Portfolios for Student Success’ (12:50 – 1:50) Grades 4-7 (Freshgrade Friendly)**

Assemble simple and effective student portfolios that celebrate individual growth in curricular and core competencies. See how to use reading and writing performance standards as scaffolding to create personalized learning targets for every student. Within the context of a portfolio, view simple ways your students can explore their passion and meet learning targets. View assessment samples from BC educators, portfolio binders, and walk away with a zip file for immediate download to your laptop or computer.

Jennifer Moroz’ current position is Assessment: Curriculum Implementation in SD 57 (Prince George). She has the opportunity to build assessments with teachers in that district and share with others. She is passionate about developing frameworks that showcase learning and reflect the spirit of “Building Student Success”.

[Return to Table of Contents](#)

## **Session ‘C’ workshops 2:00 pm - 3:00 pm:**

### **C1 ‘Happily Ever After Writing! A Dozen Writing Ideas Starting with the Fractured Fairy Tale’ (2-3pm) Grades 4-9**

12 fractured fairy tales and 12 different writing strategies. This practical workshop contains the gems of ideas you can use over and over in your classroom, starting from the springboard of the classic fairy tale. Tons of fun for you and your grade 4-9 students and worthwhile learning in multiple genres as well.

Diana Cruchley is an award-winning educator, an author who has taught at both elementary and secondary levels. She is the recipient of the Governor General’s Fight to Freedom Literacy Award. Her practical workshops for grades 4-9 are always enthusiastically received.

### **C2 ‘Managing Anxiety in the Classroom’ (2-3pm) Universal**

The number of children and youth experiencing anxiety continues to rise. It can be challenging to support students in the classroom who are part of this increasing population. You may have students in your classroom who display challenging behaviours such as aggression, lack of focus, refusal to participate, peer related issues, inability to complete work, frequent medical related issues, withdrawal and so forth. Other students may not demonstrate any significant behaviours, and simply struggle without acknowledgement. This workshop will provide some basic anxiety information (how to recognize anxiety, etc.) and will suggest some effective strategies that can be implemented in the classroom setting. By utilizing even a few of the presented ideas, we can greatly increase the opportunity for student success.

Leilah Stella has a Bachelor of Social Work and a Master of Arts in Counselling Psychology. She has been working with children, youth and families in a clinical capacity for over twenty years. Leilah took a special interest in the anxiety experience approximately fourteen years ago, after recognizing its existence within her own family. Leilah has developed and facilitated many workshops for children, youth, parents, caregivers and teachers in regards to the childhood experience of anxiety. Leilah is currently working at Synergy Counselling Associates delivering services to children, youth and adults.

Nadine Mathews is a registered social worker with a Masters degree in social work and post graduate certificates in modalities specifically meant to meet the needs of children and youth. Nadine currently works as a therapist at Synergy Counselling Associates. Nadine has been working in the counselling field since 2001, primarily with children, youth, adults, and parents responding to abuse, neglect, trauma, grief and loss, and/or experiencing anxiety, depression. She is raising a family, working and volunteering in the Loops.

[Return to Table of Contents](#)

### **C3 ‘Aboriginal Dancepl3y’ (2-3pm) Elementary**

We are excited and proud to share with you the dances that were choreographed by a team comprised of students and teachers from SD 73, teacher candidates from TRU and the Program Director for DANCEPL3Y. The workshop will take you through dances that are designed to develop physical literacy while introducing students to various cultural references or stories from Aboriginal people across Canada. You will receive the choreography notes, ideas for lesson plans, and access to the videos in order to bring the resource back to your classroom immediately.

Roxanne Letterlough holds a Masters in Education with a focus on Indigenous Knowledges and Indigenous Pedagogies. She is from St’at’imc Nation and currently works as School District 73’s Intermediate Aboriginal Resource teacher. ‘When I choreograph songs it becomes a collaborative effort with local Elders, community members and students in finding the appropriate movements that are culturally appropriate and relevant. Choreography becomes an immersion of a cultural experience.’

Marianne Vande Pol is the Early Years Coordinator for Kamloops School District 73. She has been a Primary Education Teacher for 20 years and holds a Masters in Education in Curriculum and Instruction. ‘BC’s New Curriculum and Core Competencies are interwoven into everything I create. It has inspired movements that encourage creative risk taking while expressing feelings, ideas, stories and experiences.’

### **C4 ‘Technology and Inclusion: Targeted to Some, Beneficial to All’ (2-3pm) Universal**

This workshop focuses on how technology can make the classroom a more inclusive place. Many of the examples of technology are affordable, widely available and in some cases, already in the classroom. Some of the examples we will be looking at include how technology can support students with:

- Behavioural Issues
- Blind/Visually Impaired
- English Language Learners
- Students with literacy challenges

James Gill is a teacher in SD 43/Coquitlam. Currently he teaches grades 4 and 5 in the Reggio Inspired program at Meadowbrook Elementary. Over his 18 year career, he has taught at elementary, middle and secondary levels, is one of 26 Microsoft Innovative Educator Fellows for Canada, and has been a speaker and presenter at national and international conferences. He loves cooking, travel, fitness and family.

[Return to Table of Contents](#)

## **C5 ‘Introducing STEM/Maker into the Elementary Classroom’ (2-3pm) Elementary**

Interested in bringing MAKER into the classroom, but don't know where to start? This workshop includes a variety of resources and activities to get you started with Making in the classroom. We will talk about curriculum integration with the core subjects, as well as how to link STEM/Maker to the Core Competencies.

Heather Elliott has been teaching Technology Education for the last 15 years in Chilliwack, mostly Metal Fabrication and Drafting & Design. She is extremely passionate about the new curriculum, and how to integrate all subject areas into Applied Design, Skills and Technologies projects. She enjoys the outdoors, crafting and spending time with her husband, 2 daughters and Fur babies.

## **C6 ‘Embracing Diversity’ (2-3pm) Universal**

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## **C7 ‘Teaching for Social Justice’ (2-3pm) Universal**

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[Return to Table of Contents](#)

## **Session ‘D’ workshops 1:00 pm- 3:00 pm:**

### **D1 ‘Sustainability: From Recycling, Repurposing to Pollinators and Planning’ (1-3pm) Elementary**

This workshop will give teachers hands on experience testing sustainability lesson plans that align with the redesigned curricular competencies. SD 73 along with Interior Health and Farm to School have created two modules in recycling and repurposing as well as pollinators and planting. You will be actively engaged in hands on vermi-composting, food sorting and litter-less lunch lessons. Also, we will be showing you easy ways to make seed bombs, bug hotels, creating salsa pots, growing greens as well as pollinators. We will be introducing new kits that you can loan from the HGEC library so that you can create these opportunities for your students. This fun and engaging workshop will involve hands on experience on how to reduce waste and think about the entire food system.

Sherry Stade is the SD 73 Health Promoting Schools Coordinator; Simon Jennings is an Interior Health Dietitian; Addie DeCandola is a Farm to School Coordinator. SD 73, in collaboration with experts in the field of Sustainability, City of Kamloops, Kamloops Food Policy Council, and teachers have developed tools and resources to support teachers’ and students’ understanding of sustainability that integrates cross-curricular connections. Our work has been informed by community partners and the Farm to School programs in the Kamloops Thompson region.

### **D2 ‘K-3 Literacy, the Core Competencies & Student Self-Reflection’ (1-3pm)**

This interactive session will explore considerations and strategies for helping primary learners make meaningful connections to the Core Competencies and their facets, including routines for integrating the Core Competencies into K-3 classroom literacy instruction. We will explore engaging literacy activities and share student friendly resources for self-reflection, self-assessment, and goal setting that demonstrate how we can encourage metacognition and support student growth.

Sasha Zekulin has been a Program Manager and Teacher Consultant for the Provincial Outreach Program (POPEI – [www.popei.ca](http://www.popei.ca)) since its inception in January, 2014. Sasha has over 17 years’ experience in education, first as a primary classroom teacher and then as an Education Technology Consultant in Calgary and throughout Western Canada. Now, through POPEI’s model of capacity building for educators, she is able to share her passion for effective literacy instruction, and helping K-3 teachers with best practice in early literacy instruction and intervention. Working with educators on infusing the Redesigned K-3 ELA Curriculum and the Core Competencies into the classroom has been incredibly rewarding, as Sasha’s enthusiasm for guiding students to be well-rounded, kind, compassionate thinkers is one of the reasons she became a teacher.

[Return to the Table of Contents](#)

### **D3 ‘Teaching Writing Grades 7-12 English’ (1-3pm) Secondary**

Teaching writing in the new redesigned curriculum for grades 7-12. Focus: description, narration, and exposition. Presentation: defining styles of writing, teaching tips, lessons, and unit ideas.

Lori Nelson is an ELL resource teacher at the Henry Grube Ed Centre who has taught English 8-12, and Creative Writing for more than 30 years. Bianca Olson is an English and French teacher at Sa-Hali Secondary who has taught English 8-12 with a creative writing component in each of her classes.

### **D4 ‘Photography and Fabric Fun!’ (1-3pm) Universal \*\* Valleyview Secondary, Rm 125**

Want to learn how to execute the photographic process of blue cyanotype on water colour paper, transfer an image to fabric, plus create interesting shape transfers to fabric? In this hands on workshop you will learn how to use an ink dying process that is safe, clean and easy to use- with a little help from the sun! Note to registrants: You will need to bring a clean light/white coloured t-shirt or tank top (the fabric needs to be at least 80% cotton or other natural material. Your fabric should also be smooth- not ribbed). If you want to transfer a personal image to your t-shirt you need to bring, preferably, a strong contrasting black and white image at 5 x 7 or 8 x 10 size would work well! Email Dina if you want to clarify or have any questions! [dchase@sd73.bc.ca](mailto:dchase@sd73.bc.ca)

Dina Chase teaches photography at Valleyview Secondary School.

### **D5 ‘Developing FUNDamental Movement Skills through a Physical Literacy Lens’(1pm-3pm) Elementary \*\*repeat of session A \*\*Parkcrest gym**

Develop physical literacy in your students by using simple yet powerful and purposeful movements to build confidence, competence, creativity, and community while exploring fundamental movement skills. This workshop provides a deeper understanding of physical literacy, its benefits and connection to the redesigned curricular competencies. Come away from this session with ideas on how to easily integrate cross-curricular support and DPA movement skills into existing units and programming both in the classroom and in physical and health education classes.

David Helm is a Physical and Health Education teacher in Vernon and the creator of PEGames.org. He has a passion for curriculum development and collaborating with experts in the field to create engaging and fun movement opportunities for students. David Helm has developed many tools and resources to support teachers’ understanding of Physical Literacy.

[Return to the Table of Contents](#)

## **D6 ‘Boardmaker and Clicker 6- Part 2’ (1-3pm) Universal \*\*HGEC Computer lab**

Join Clayton Bussey from SET-BC as he leads you through a workshop on Boardmaker and Clicker 6. This workshop is a follow up to the full day Boardmaker and Clicker 6 sessions that were offered in October at the Henry Grube. Clayton will use this time to further develop skills learned in the first session. Thus, participants should have basic knowledge of Boardmaker and Clicker 6 for this training session. Please come prepared with your questions. Technology will be provided.

Clayton Bussey works as service coordinator for SET-BC. Previous to this current role, Clayton taught the District Resource Room class at McGowan Elementary. He has over 16 years of experience in special education and is very familiar with current trends in technology for supporting all students.

## **D7 ‘Take Your ‘FreshGrading’ to the Next Level’ (FreshGrade for Intermediate users) (1-3pm) Universal**

As a follow up to the beginner session hosted in the morning, the afternoon will be spent exploring more advanced features in FreshGrade such the Gradebook and Reporting Tools. Meredith will share her best practices for portfolio organization, assessment, encouraging student ownership and parent engagement. Teachers are encouraged to bring questions as Meredith will aim to incorporate a Q & A component at the session (time permitting). Please note: Beginners who attended the a.m., session are welcome to attend this afternoon session. \*Teachers must ensure they can access their FreshGrade account prior to attending this session. If they experience difficulty logging in, please contact [care@freshgrade.com](mailto:care@freshgrade.com). \*Teachers to bring their own device (laptop, chromebook, ipad/tablets and/or phones).

As FreshGrade’s Professional Learning Specialist, Meredith Schuurman has great experience in both education and technology as an educator and former Walt Disney company employee. Having earned her B.Ed at the UBCO, she brings 5+ years’ teaching experience at the secondary and post-secondary levels, including occupying a Lead Instructor/Department Head role at Kelowna’s Centre for Arts and Technology in their audio and music department. A proponent of the use of technology in the classroom, Meredith is passionate about communicating learning and fostering student engagement through ownership and accountability. Meredith strives to present Professional Learning from a teacher’s perspective and looks forward to supporting attendees in their learning journeys with FreshGrade!

[Return to the Table of Contents](#)

## **D8 ‘Physical and Health Education: Filling the gap from what we know to what we do’ (1-3pm) \*\*B.E.S.T. gym**

In this highly interactive session we are moving beyond the definition of physical literacy; this session aims to bridge the gap between what we know and what we do. As this session has a significant portion of physical activity it allows for participants to interact and share in the design and delivery of physical literacy based activities. Come ready to laugh, learn and move!

Alex Inglis is a PHE teacher in SD 73; she has taught PHE at both the secondary and elementary level. Alex was recently asked to present at the Shaping the Future Conference in Lake Louise on ‘The Future of Physical Education’. She is very passionate about physical literacy and she believes that anyone can inspire a love of movement.

## **D9 ‘Going Deeper with Blending’ (1-3pm) Secondary**

As an introduction into the vibrant and educationally-sound world of Blended Learning, the first workshop (A- ‘BlendEd 101’) will highlight the varied nature of this educational process. This, ‘part 2’ component (D- ‘Going Deeper with Blending’) will facilitate a dialogue and creative space for participants to see where they can begin to incorporate blended learning into their own practice, and to see how this style of delivery will benefit their students, and themselves.

Thomas Diesch is a senior science and math teacher at Carihi Secondary in Campbell River. He has experience in face-to-face classroom as well as teaching in a distributed learning model at Navigate/Nides in SD 71, and in SD 72 in Campbell River through a blended program. Over the past several years Thomas has incorporated blended techniques into his face-to-face science classroom while also supporting educators in both districts with their professional development on implementing the redesigned curriculum and BC EdPlan through blended learning.

Danika Cottingham has taught in two districts on Vancouver Island, and has been at Carihi Secondary for seven years. She has experience in teaching both a traditional face-to-face format, as well as a distributed learning (DL) capacity; and she has recently seen the vast benefits that blended learning offers to her teaching, and to her students. She is passionate about the capacity for blended learning to allow for far greater access of individualized, personalized, and relevant learning for all of her diverse learners, and she wants to share!

## **D10 ‘Kamloops Pickleball Club’ (1-3pm) Universal \*\*NorKam Gym**

We will present skills for pickleball which include: the serve, return of serve, drop shots, lobs, and two types of volley shots. Forty five minutes will be spent playing the game so that we solidify the learned skills.

Thor Fridriksson is the education director for Kamloops Pickleball Club. He has taught for over 40 years and taught pickleball clinics and workshops for 6 years. Thor will bring a team of 4 or 5 instructors so that there will be lots of hands on instruction.

[Return to the Table of Contents](#)

## **D11 ‘Inquiry Approaches to the New Science K-7 Curriculum \*4-7 focused’ (1:00 – 2:30)**

Exploring and learning about science is best achieved through engaging, inquiry based opportunities. The revised science curriculum focuses on ‘hands-on, minds-on’ and place based experiences that will meet the needs of all students. Through this workshop, participants will experience engaging scientific inquiry activities that align with the revised curriculum. The examples will be taken from a new 4-7 resource. Come and uncover your inner scientist through activities you can take back and use in your classroom.

David Barnum has 27 years of teaching experience in a variety of contexts. He has developed resources and delivered programs for the BC Ministry of Education, BC Hydro, The Society of Automotive Engineers and authored two science textbooks with Nelson Education. David has served as the BC Science Teachers’ Association President/Conference Chair and now sits on the SFU Dean of Education’s Advisory Council. He is currently on leave from SD 46 (Sunshine Coast) as Curriculum Coordinator where he supported parent engagement, student transitions, and renewed curriculum implementation. He is currently a Sessional Instructor/mentor in SFU’s Graduate programs Nature-Based, Experiential Learning Cohorts. David was seconded for 3 years to develop and implement the Healthy buddies program, an initiative of the BC Children’s Hospital and funded by the Provincial Health Services Authority. Initial research for this program was published by the American Academy of Pediatrics (2007) as well as a subsequent study in the Canadian Journal of Diabetes (2012). The Healthy Buddies program has been shortlisted twice for SFU’s Cmolik Prize for the Enhancement of Public Educations in BC.

## **D12 ‘Mathematical Knowledge for Teaching Series: Basic Facts, Multiplication and Place Value’ (1-3pm) Elementary**

This workshop will be an interactive, hands-on and practical way to engage with some of the mathematical knowledge we need to teach elementary and middle school mathematics. Specifically, in this session we will be exploring place value concepts, basic facts and various strategies for teaching whole number single and multi-digit multiplication. Participants and the facilitator, together, will engage with numerous (5-8) strategies for multiplication, including the use of visual models, manipulatives, and algorithms or procedures- teachers will walk away with ideas for approaching multiplication, basic facts and place value concepts in their own classroom! All levels are welcome!

Dr. Nazemi is a mathematics educator, currently working as faculty at TRU. Along with over ten years of experience teaching – mathematics and French immersion K-12 and various teacher education courses in higher education – she has worked as a mathematics consultant and coach, and has conducted mathematics educational research throughout the US and Canada. Her passion is finding opportunities to engage and support all students to succeed with meaningful and rigorous mathematics learning. Her research looks closely at the relationship between identity and teaching/learning, with an emphasis on uncovering and exposing structural inequities embedded in educational institutions.

[Return to the Table of Contents](#)

### **D13 ‘Literacy in the Social Studies Classroom’ (1-3pm) Secondary**

In this workshop, participants will explore reading and writing using examples from middle and secondary school social studies classes. All examples used will be from social studies based texts.

Kyla Hadden has taught in the North Okanagan-Shuswap for over fifteen years. She started her career teaching upper intermediate and has taught a variety of English and History courses at the Secondary level for thirteen years. Kyla recently published her first book *Powerful Readers: Thinking Strategies to Guide Literacy Instruction in Secondary Schools*.

### **D14 ‘Out in Schools’ (1-3pm) Universal**

In this workshop session, Out in Schools facilitators will take you from LGBT2Q+ 101 through understanding ways in which you can better support students, strengthen your student body and broaden your understanding of this beautiful and diverse community. Since 2004, Out in Schools has provided educational workshops throughout the province of BC, using the powerful medium of films to dig deep into dialogue around best practices for creating a safer and more inclusive community.

Gavin Somers (who uses the pronouns they/them) is a skilled facilitator and educator. Gavin is currently the Program Coordinator for the Out in Schools program, delivering LGBT2Q+ education throughout the province. A writer, performer, activist and advocate, Gavin uses their charm to win over audiences and promote safer spaces for diving into those deeper unexplored places.

### **D15 ‘Understanding Physics Part 2: Exploring Forces, Motion, Energy’ (1-3pm) \*\*BIG Little Science Centre**

Feeling uncertain about your understanding of Physics and in particular the subject of **Forces, Motion and Energy** in the new curriculum? Join us at BIG Little Science Centre for a fun primer about Forces, Motion and Energy (including **Thermal Energy and Energy Transfer**). Don’t feel trapped by Newton’s laws of motion; context and connections between these concepts will be provided. We will explain and discuss the physics and science behind it, while trying out some easy activities to take away and do in the classroom. We will look for ways to make connections to how science methodology and experimentation works. Hands-on science truly creates an understanding of the material; fun science activity is the way for students to learn in the 21<sup>st</sup> century classroom. A document with key points and activity suggestions will be provided.

BIG Little Science Centre is a full science centre for people of all ages, located right here in Kamloops. They are dedicated to creating a passion for science, for the public as well as for school children. Susan Hammond and other staff are science teachers who are keen to share science facts with kids, in a fun, interactive and engaging manner.

[Return to the Table of Contents](#)

## **D16 ‘Unpacking Essential Questions’ (1-3pm) Universal**

Beginning learning with a question is the most powerful shift we can make in adopting inquiry-based learning in the classroom. Essential questions are not answered in a quick, simple Google search. Essential questions require higher-order thinking skills such as analysis, inference, evaluation and prediction. In this session, you will learn how to create these questions with your students in a meaningful and applicable manner to help students become more engaged in their learning. You will leave with a slide-deck activity that can be used in two capacities. First, this activity will support teachers in creating questions to frame learning and units of study. And second, this activity will support students in creating questions of their own to aid them in becoming strong question-creators and critical thinkers.

Trevor MacKenzie is an award winning English teacher at Oak Bay High School in Victoria, B.C. and Rebecca Bathurst-Hunt Rebecca is a French Immersion Kindergarten teacher who works in the Greater Victoria School District. She is the co-author of *Inquiry Mindset* with Trevor MacKenzie. She is passionate about sparking children’s curiosities through innovative inquiry based practices that honour choice, voice and student agency. Rebecca works to make learning and thinking visible through reflective practices that include learning intentions and the incorporation of technology. Rebecca is excited about sharing ideas from her co-authored book.

## **D17 ‘Archaeology of the Secwepemc World from the Ice Age to Contact’ (1-3pm) Universal**

*How long have people been in BC, and what were they doing here before Canada arrived?* This session will be GREAT professional learning for all teachers! In this workshop Joanne will give a tour of the Secwepemc world prior to contact, as understood by archaeologists interpreting the material culture of BC’s ancient Indigenous occupants. She will provide a brief overview of the past 10,000 years of history in our region, and then focus on some aspects of material culture that make stories about the past come alive. She’ll discuss ancient Secwepemc **technologies, food preparation and procurement, travel and trade, traditional ecological knowledge**, and more. A brief overview of contact-era history and issues will be included. The place of this in contemporary culture will be discussed, with a focus on the roles and responsibilities of teaching Indigenous and Indigenous-Canadian history in reconciliation. Questions are strongly encouraged and discussion of specific teaching concerns welcome.

Joanne Hammond is an archaeologist and anthropologist in Kamloops, where she is appointed to the city’s Heritage Commission. She works with local First Nations to support the management and preservation of heritage resources. She is also a graduate program advisor and course developer with SFU’s Department of Archaeology. She is active in archaeological outreach in classrooms, with community organizations, and in the media. She writes about archaeology and life in the business at <http://republicofarchaeology.ca/> and on Twitter@KamloopsArchaeo.

[Return to the Table of Contents](#)

## **D18 ‘Introduction to coding robotics in the classroom’ (1-3pm) Universal**

Our hands-on coding robotics workshop is designed for educators wanting to explore ways to integrate the new Applied Design, Skills and Technologies curriculum using a robotics platform. Participants will learn the basics of coding a robotic device while highlighting our instructional approach and curricular resources. We will also discuss various implementation strategies and what classroom assessment could look like.

Dereck Dirom currently teaches a Makerspace program at Abbotsford Sr. Secondary School and founder of GearBots Makerspace. He has seen first hand how promoting science, technology, engineering, arts and math (STEAM) through the use of robotics and coding can be an effective way to engage and motivate a diverse community of learners. In 2008, he was awarded a **Mitchell Odyssey Foundation Grant**, which has assisted in the expansion of his community based Makerspace program. In addition, Dereck is the creator and technical chair of GearBots Coding Challenge hosted at the BC Skills Canada provincial competition held each year at the TradeX in Abbotsford.

## **D19 ‘Design Thinking and Inquiry’ (1-3pm) Universal**

The Design Thinking process is aligned with the new Applied Design, Skills and Technologies (ADST) curriculum and focuses on risk-taking and embracing action-oriented solutions. This process can further enrich educators’ roles as facilitators of student inquiry. Join us as we delve into the Design Thinking process while engaging in a hands-on design activity and exploring how we might structure design thinking challenges.

Karen Lee (Science World) is the teacher professional development specialist at Science World, who works with teachers to share best practices and connect to the transformed curriculum.

## **D20 ‘Growth Mindset and Inclusion’ (1-3pm) Universal**

When students and educators understand that intelligence and ability is not limited, they succeed in new ways, embrace challenges and look for creative solutions to previously unsolved problems. Growth Mindset can be a big help when planning for inclusion and teaching self-regulation. Educators who embrace a growth mindset will see more potential in all their students (and themselves!). Learn about strategies and resources that you can use right away. Simple adjustments to feedback, praise and self-talk can help foster a growth mindset in yourself, your students and your school.

Kirsten Wiens (@kwiens62), MEd, is an Inclusion Coach for SD 62 in Victoria. She supports integration support and classroom teachers from Kindergarten to grade 12. Kristin is also one of the co-creators of the SD 62 Education Assistant program and has been an instructor in this program since 2015. She is author of *My Gratitude Jar* and co-creator of the *Long Story Shortz* videos and graphics available at: [northstarpats.com](http://northstarpats.com).

[Return to the Table of Contents](#)

## **D21 ‘Learning at the Museum’ (1-3pm) Universal**

Using historical thinking concepts and visual thinking strategies, the Kamloops Museum and Archives has developed engaging programs and tours that connect to the BC curriculum. Learn how the KMA can supplement classroom teaching and be a resource for you! \*\*This session will be held at the Museum and include a tour (the morning session is at NorKam).

Keely Bland is the Museum Educator at the KMA. She has a BA from U of S and a Masters of Museum Studies from the U of T. She loves talking about arts, culture and heritage and getting others just as excited.

## **D22 ‘Accelerating the Progress of Readers Experiencing Difficulties’ (1-3pm) Elementary**

This research based interactive in-service is designed for Elementary Learning Support and Classroom teachers. Participants will develop an understanding of how restructuring and rethinking programming and teaching practices for children experiencing difficulties in reading can lead to accelerated gains for at-risk students. Drawing on leading educational researchers some schools are reconsidering their delivery modes for Learning Support (and the Classroom) and are successfully using a daily supplementary small group or “side-by-side” teaching intervention model for at-risk readers. In an interactive manner, the presenter will model and describe how a daily strategically-based reading intervention program can make a positive difference with vulnerable students. The question “What is possible for students experiencing difficulties in reading?” as from September 27, 2011 to late June, 2017, 144 students (Gr. 1 to 5) who were below grade level in reading reached the average band of instruction.

Paul Pantaleo (B.Ed, MA and Post Masters Diploma) is currently a Learning Support Teacher. Also as a sessional instructor at the University of Victoria, he has taught numerous courses focusing on assisting students at the elementary level experiencing difficulties with reading and writing. He has also been an elementary vice-principal, Reading Recovery Trainer, Teacher Leader and Teacher.

## **D23 ‘Understanding FASD and its impact on behavior: How we need to change our perspective in order to help these students succeed.’ (1-3pm) Universal**

Working with students who have complex behavioural needs resulting from ongoing brain injury as the result of FASD and other conditions. The premise is to shift our thinking to understand the reason for the behavior in order to help see the behaviours as a result of the condition and not purposeful behavior.

Greg Pearce is a school psychologist with SD 73 since 2005. He is also the District Partner for POPFASD, CPI trainer, PBIS coach, certified counsellor and university instructor. He has a Master degree in Ed. Psych., BA in Psychology and Political Science and a B.Ed in Secondary Education.

[Return to the Table of Contents](#)

## **D24 ‘Support for Functional Literacy and Numeracy’ (1-3pm) Universal**

The afternoon session will explore technology-based options to support functional literacy and numeracy with hands-on experience for participants.

As a SET BC consultant, Alanna Wasylikiw helps BC educators build their capacity to use technology with students and implement technology using current and emerging trends in BC education. She is passionate about engaging and interactive education and the positive impact technology can have on a student’s learning, especially in the context of eLearning and instructional design.

## **D25 ‘Introduction to Blender’ (1-3pm) Universal**

Introduction to 3D animation using Blender. The class will focus on the most useful tools for creating 3D animations, and information on what to expect when working with 3D animations. Wayne Pinette is the network manager for School District 73, and is also a 3D animator by hobby. He has entered his work into the Kamloops short film society, and teaches blender to students and adults alike.

## **D26 ‘Modern Ukulele for YOU’ (1-3pm) Universal**

ANYONE (yes, even you) can learn ukulele, from the adult who has never touched an instrument, to the aspiring Gr.2 Rockstar. You will come away with the essentials of ukulele, including the chords to virtually any song, and a repertoire of modern songs surely to engage every student (“Closer”- Chainsmokers, “Can’t Stop the Feeling”- Justin Timberlake, “Eye of the Tiger”, “Hotline Bing”- Drake, just to name a few!) Ukulele is an excellent way to get kids engaged and EXCITED about music in general, but also to lead into other instruments such as the guitar. Come jam with me!

Michael Wood has been playing music his whole life, beginning with Piano; in Gr. 6, his teacher taught him some chords on guitar, and he’s never been the same! He taught music in the school district for 3 years, and this year he started in a grade 4/5 classroom at Bert Edwards. He also taught a few years of community group guitar lessons for the City of Kamloops. Music is a great passion, and he has played in various rock/indie/folk bands. His primary focus is the guitar and drums. He loves music and loves the opportunity to transfer that love of music to his students.

[Return to the Table of Contents](#)

## **Session ‘E’ workshops 10:30 am - 3:00 pm:**

### **E1 ‘Uncovering the Core Competencies’ (10:30 – 3) Elementary**

We all want to work smarter, not harder, right? This workshop explores where/how the Core Competencies ‘live’ in the work we are already doing in our classrooms each day. Get practical ways to make the Core Competencies more explicit, to link the core and curricular competencies in meaningful ways, and embed core competencies self-reflection and self-assessment in the activities/learning you’re already doing!

Kelsey Keller is a grade 3/4/5 teacher and the district Montessori learning support teacher for SD43 (Coquitlam). Her classroom is a ‘laboratory classroom’ that hosts visiting teachers and invites them to engage in experiential learning and professional inquiry- the Core Competencies, self-regulation, reflective culture, and common language are a few of the current ‘experiments’ unfolding in the lab. When not in the classroom teaching, Kelsey can be found in the classroom learning.

### **E2 ‘Maker Day / Maker Way Teacher Training’ (10:30 – 3) Universal**

Participants will receive training in the ‘Maker Way’, utilizing design challenges to teach and reinforce ADST concepts in the classroom. Completion of this hands on & enjoyable workshop will qualify participants to receive extra supports for bringing the ‘Maker Way’ into their classrooms and schools.

Experienced elementary teachers, both Melody Steffenson and Jennifer McDaniel are SD 73 Maker Champions, providing Maker training and support to schools and teachers in our district. They both bring experience with and a passion for experiential learning into their school environments.

[Return to the Table of Contents](#)

### **E3 ‘Field Testing Kit Coaching Training Workshop’ (10:30 – 3) Secondary \*\*Brock Middle gym**

The field testing kits provide the necessary tools for service providers (Coaches, Strength & Conditioning Coaches, Therapists, etc.) to assess the physiological parameters of their athletes using Best Practice as well as system alignment with the Canadian Sport for Life model. These kits are equipped to do a general battery of tests to assess leg power, speed, balance, coordination, muscular endurance, and aerobic power. By the end of this workshop you should be able to:

1. Have a greater awareness of how field testing can be used in your sport program
2. Implement a variety of field tests based on specific protocols
3. Plan a field testing session

Marc Bowles is a Professional Certified Coach based in Penticton. He is a former educator, a former Athlete Development Advisor with Canadian Sport Institute Pacific and is a Master Learning Facilitator with the Coaches of Canada and the delivery of NCCP coach education programs. Marc brings over 25 years’ experience in coaching and leadership development at the Corporate, Non Profit, and international levels where he continues to teach and facilitate with global leaders. Marc works with the leadership teams of Educational Institutions, Health Care, and Sport organizations and in the areas of performance, leadership, and creating coaching environments. Marc holds his Professional Certified Coach (PCC) credential from the International Coach Federation, his B.Ed from UVic, a Graduate of the National Coaching Institute for High Performance Sport, is a CEC graduate of Royal Roads University Executive Coaching program in 2004, completed the Professional Mentor Coaching program at Royal Roads. Marc is also certified to facilitate the EBW (Emotions and Behaviours in the Workplace) Assessment and is a Conversational Intelligence Enhanced Skills Coach. Marc’s Mantra “BE – DO – CREATE”

### **E4 ‘Weaving Aboriginal Perspectives into Classroom Culture & Practice’ (10:30 – 3) Universal**

In this hands on session, educators will consider how integrating Aboriginal perspectives into classroom culture and practice will allow all learners to have opportunities to understand and respect their own cultural heritage as well as that of others. Collaboratively, we will consider how we might plan and bring to life both the First Peoples Principles of learning and the specific learning standards in an authentic way. As learning is holistic and experiential, educators will have the opportunity to experience and take part in 2 sample lessons that focus on learning standards.

Carolyn Durley works in Kelowna, B.C.

[Return to the Table of Contents](#)

## **E5 ‘Cycling Across the Curriculum’ (10:30 – 3) Universal**

This one day session will provide teachers with some creative and interesting ideas on how to connect cycling to the curriculum. The morning will begin in the classroom with a look at how we can use cycling in the subjects: art, science, math, ELS, health and Social Studies. After lunch, we will head to Lac Du Bois and learn some basic bike maintenance, bicycle safety and run through 55 different skills that will help you become a better rider. An obstacle course will be available to practice your newly acquired skill set and we will finish the day exploring the Lac Du Bois trails.

**Requirements:** mountain bike in good working order, helmet, clothing suitable for cycling, water. Ability level: beginner to intermediate. \*\* please bring your own lunch and snack.

Chris Martin has been stoked on cycling all his life. As a father, elementary school teacher and coach, Chris integrates biking into all aspects of his life. Chris has been a major part of youth cycling in Kamloops for years working as a mountain bike coach, KBRA Kid’s League race program, First Nations coaching (Simpco Nation) and youth trail building days. Chris is an experienced elementary teacher, which gives him an extensive repertoire of skills to help engage, encourage, and teach children of all ages. Chris fosters resiliency through cycling and gives children the opportunity to work individually and as a team member. Chris’ positive approach and sincere enthusiasm creates a trusting environment for children to take risks, persevere and build confidence. Chris loves to see children experience success through cycling and he is truly committed to spreading the life-long love of cycling.

## **E6 ‘Shining the Light on Domestic Violence and the Impacts on Children’ (10:30 – 3) Universal**

This two part, full day interactive workshop is presented by the community based Violence Against Women in Relationship (VAWIR) Committee and the Peace Program (formerly known as the Children Who Witness Abuse Program) to give a foundation of knowledge for educators to understand and respond to those experiencing domestic violence and gain knowledge of the impacts on, and how to support, children.

The community-based Violence Against Women in Relationship (VSWIR) Committee works to ensure a collaborative community and justice response to those impacted by violence in relationships. As Service providers we work collaboratively to ensure the community receives education and support around violence against Women.

The Peace Program provides counselling and supports for children, youth and their parent who experienced violence. The Peace Program brings expertise in supporting children and youth who have witnessed and/or experienced violence and those who work with children including the school system.

[Return to the Table of Contents](#)

## **E7 ‘Kids, Competencies and Self-Assessment’ (10:30 – 3) grades K-9**

Ready to be inspired? In this dynamic session Linda will explore the six Core Competency ‘engines’ and share ways to create a classroom culture for rich competency learning. We will begin with two key questions: What are the conditions within classrooms that develop and nurture competency growth? How can we support students in the self-assessment of their competencies? A detailed student self-assessment process and tools for self-assessment of the core competencies will be shared. Participants will leave with many practical resources including Kids, Competencies and Self-assessment, K-2 In Pictures and Words, Building a Culture of Reflective Thinking (Grades 3-7), and a set of competency (Grades 4-9) posters. \*\*Please bring your own laptop.

Linda O’Reilly- More than anything, I am a teacher at heart. I have a rich background as a classroom and resource teacher, university instructor, workshop presenter, author, and educational coach. While I enjoy all aspects of consulting, I think my favourite part is collaborating with teachers. The ideas start to flow and that’s always the fun part.

## **E7 ‘Math Plus’ (10:30 – 3) Elementary**

Are you wondering how to help your students understand and love math? If so, this workshop is for you! Using the framework of the new curriculum, we will look at ways to structure lessons to include problem solving, math talks, math journals, math projects and guided math instruction. We will also explore ways to assess students’ understanding of the big ideas and concepts. Come find out what students need to be successful, how to build fact fluency and number sense, how to help students generalize and transfer skills through progressions until the standard algorithm is reached, what games, links and literature to use, and what the art of smart means. Remember textbooks don’t teach math, teachers do!

Sharon Foster holds a Master of Education Degree in Curriculum, Teaching and Learning and has more than 30 years of experience as an elementary classroom teacher. She is creative, innovative and passionate about finding new ways to help all students be successful. Over the past few years she has attended several international math conferences, worked with Greg Tang (United States) and Dr. Yeap Ban Har (Singapore) and presented many workshops to parents and teachers.

[Return to the Table of Contents](#)

## **E8 ‘Designing a Design Thinking Mindset’ (10:30 – 3) Universal**

Design Thinking comes to us from the faculty of Engineering, and it’s not too hard to imagine using the process to design \*things\*, and to rapid prototype models and mock ups. But what about using the process to more effectively collaborate and problem solve? What if after your Design Thinking challenge, you had a whole new set of tools with which to address issues that don’t need a Thing, but do need a solution. Hanging on the 5 pillars of Design Thinking (Empathy, Definition, Ideation, Prototyping and Reflection) walk through a rich, jam-packed with strategies process with a deeper understanding of how to embed Design Thinking across the curriculum.

Lisa Read has been with SD 79 for more than 25 years. She has taught all grades from K to grade 12, as a general classroom teacher for 13 years, mostly at the grade 4, 5, 6 level (learners aged 10 to 12), and then at Middle/Secondary (grades 7 to 12) for the next 8 years. There she taught Computers/Information Technology, as well as English, Math, Social Studies, and Leadership. In 2014, she moved into her current role as the Information Technology Coordinator for SD 79, Cowichan Valley. Her role is to help teachers integrate technology into their practice. She works with classes, presents workshops, and helps staffs wherever there is most need. As well as working for SD 79, she also works as Associate Faculty at Royal Roads University, in the Masters of Arts in Learning and Technology program. There Lisa has taught courses on Learning Theory, Building Online Community, and Assessment, both online and Face to Face. Her current passion is using Design Thinking for Problem Solving and Challenge Based Learning.

## **E10 ‘Practical Strategies for Setting Up an Effective Math Class’ (10:30 – 3) Universal**

Join Katie McCormack, winner of last year’s Math Teacher of the Year Award, for an all day workshop on how to set up your math classroom to be more effective and enjoyable. Learn how to diversify your teaching and assessment to meet the variety of student math levels, expand your knowledge of math and improve your confidence as a math teacher. You will also lose weight at this workshop, look ten years younger and possibly increase your wealth. And... even if none of that appeals to you, a complimentary lunch will be provided for you to enjoy within the wonderful atmosphere of Brock Middle School hallways.

Katie McCormack has taught for 32 years. She has taught in 5 districts and specializes in differentiated learning and assessment. Katie is currently the head of the Math Department at Brock Middle school and teaches honours and remedial math.

[Return to the Table of Contents](#)

## **E11 ‘Communicating in Colour: A Mixed Media Workshop’ (10:30 – 3) Universal \*\*Art Room at Brock Middle**

Using canvas panels and a variety of mixed media, participants will create a colour-inspired work of art. We will present the Secwepemc Medicine Wheel and talk about ways teachers can infuse indigenous content without misappropriating culture. If you’d like to bring additional materials (e.g., photos & miscellaneous small objects), they can be incorporated into your project. This project can be adapted for various age and skill levels, and can be adapted and modified easily for differentiated learning.

Sharon Richards is an art teacher at Westsyde Secondary, and she worked on both the K-9 and 10-12 Arts Education curriculum writing teams. Roberta Regnier is a Dene First Nations woman from the Northwest Territories; she has worked in Education and with Aboriginal communities and youth for the past 20 years in different capacities of her career. She is currently an Aboriginal Education Worker at Westsyde Secondary School.

## **E12 ‘The Redesigned Curriculum: a home for quality teaching and learning in inclusive language arts, social studies and humanities classrooms’ (10:30 – 3) grades 6-9 \*\*HGEC**

As we work with the re-designed curriculum, how are BC teachers working to create readers, writers and thinkers? What do today’s strategy sequences look like? How do the core competencies fit in? What practices do we hang on to and what can be let go? Spend the day together working with lessons that include all learners and focus on themes of immigration, democracy, overcoming hardship and use whole class strategies, literature circles, writing and even a whole class novel.

Faye Brownlie is an educator who works in staff development in BC and around the world. She is a long-time advocate of improved learning for all students in inclusive settings. Faye believes in our collective ability to make a difference for each and every learner. Publications include *Grand Conversations*, *Thoughtful Responses*, *Learning in Safe Schools*, *Student Diversity*, and *It’s All About Thinking*.

[Return to the Table of Contents](#)

### **E13 ‘Trauma Informed Classroom Strategies’ (10:30 – 3) Universal**

Having a warm healthy relationship with an adult can be healing for children who have experienced trauma. These relationships provide safety and grounding. Fostering these types of relationships in the classroom can create safety for all students. Strategies fostering these relationships will be explored in this workshop. Discussion will include relationship based strategies, classroom and teaching strategies, safety in the classroom, and trauma-informed classroom activities. Participants will leave with valuable resources to support their practice.

Dr. O’Neill is a practicing counsellor, a certified trauma specialist, and counsellor educator who is the Clinical Coordinator at the UNBC Community Care Centre in Prince George. From years of trauma practice in the Prince George community and the far North, and through research on all aspects of trauma effects and interventions, Dr. O’Neill, together with former research assistants and colleagues, has compiled and designed strategies to support trauma informed teaching.

### **E14 ‘Innovative Gardening/Permaculture Practices to Excite Your Learners!’ (10:30 – 3) Universal**

School garden participants and anyone who teaches (any curricular level and grade level) will leave motivated to share this practical knowledge with their students, and spark an interest in others! Students of all grade levels will benefit by their teachers’ introduction and re-acquaintance to these cross-curricular practices and hopefully spawn ideas that can be carried out extensively in the classroom. Learn about an alternative to industrial, chemical-input-based, agriculture that could re-green and feed the world in a generation. These Permaculture principles can be used in your own yard, however small, and employed on a commercial scale. We will present the basics of Permaculture through instruction, video and garden tour. Participants will leave with ideas on how to present these concepts and practices to their classes. General creative gardening practices, crop rotation, companion planting, stacking functions, and general backyard science will also be explored. Both homes are located in an urban setting and demonstrate the degree to which these practices can be applied on city lots. SD 73 staff interested in learning more about these processes and worldviews that can re-shape their world and broaden their professional abilities should attend this daylong session! In keeping with the commitment to the environment, we ask that all participants bring their own vessels for drinking. *\*Please dress appropriately for outdoor weather. \*\*Please pack your own lunch.*

#### Overview of the day:

- 10:30 – 11:30 Intro in Rayleigh Elementary
- 11:30 – 12:30 Group 1- 202 Armour Place for yard tour & learning  
Group 2- 193 Puett Ranch for yard tour & learning
- 12:30 – 1:15 Lunch
- 1:15 – 2:15 Group 1 193 Puett Ranch for yard tour & learning  
Group 2- 202 Armour Place for yard tour & learning
- 2:15 – 3:00 Participants choose to attend one yard or the other for more intense lessons & take-aways on their area of interest.

[Return to Table of Contents](#)

Noreen Pankewich has taught in SD 73 in a variety of settings and grades. She has extensive experience implementing Aboriginal curriculum and has a solid background in Ethnobotany (Aboriginal plant uses and respect for the land). She has gardened alongside her family members, Elders & cultural leaders, and practices a wholistic, sincere respect for the environment. Her yard is host to many domestic and traditional Aboriginal plants- a happy coexistence, which rewards her family and neighbourhood with an abundance of edibles!

Kevin Pankewich holds a Horticulture Certificate from TRU and Permaculture Design Certificate. He is presently completing his Bachelor of Arts degree at TRU with a focus on social movements. In the Pankewich .5 acres of edible landscaping on a city lot yard you will learn about:

Permaculture practices, rain water harvesting and creating microclimates, several varieties of composting, environmentally safe weed suppression, recycling & re-using many types of yard waste (prunings, grass clippings, grape vines, wood chips...), backyard laying hens, greenhouse production (perfect timing to share seedling & cloning which will be in progress!), solar panels- with computer program in real time, air quality monitor- with computer program in real time, many forms of food preservation, creating a community through bartering, a brief into to mushroom cultivation, an introduction of species to this area that haven't occurred in the past, tapping trees and gathering sap/syrup, solar cooker.

Jennifer and Ron Ste. Marie are graduates of a Permaculture Design Course and have been experimenting with these principles in their own yard for several years. Their desire is to help create, and be part of, an eco-village where agriculture and community combine to provide a sustainable and fulfilling lifestyle. Ron has taught in SD 73 since 1990. Jennifer is an Occupational Therapist by profession and so tries to incorporate wholistic thinking in terms of the individual as well as the environment and society. Permaculture is a systems approach to sustainable, even regenerative, living which has expanded her thinking and allowed her to begin to apply it to the problems we face in the world today.

In the Ste. Marie yard you will learn about: Permaculture practices utilized in the design in the organization and maintenance of their yard, bees and honey, general season extension- cold frame successes, water capture, storage and management, use of plant guilds, no-till soil management, use of perennials, avoidance of chemical inputs, encouragement of pollinators, increasing biodiversity beginning with creating healthy soil, working with nature instead of against her. A tour of our garden would include looking at how we have attempted to incorporate these ideas.

## **E15 'Taking Learning Outdoors' (10:30 – 3) grades K-8**

This workshop is guided towards any K-8 teacher who wants to take learning outside. Thinking about it but don't know where to start? You've tried it but you're thinking 'now what'? This session is for you and everyone in between. We'll look at how and when to go outside, what to do when you're there and how you might assess that learning. It will be a hands-on experiential day so come prepared for the weather!

Geoff Styles currently teaches Grade 2 at Bastion Elementary. He's been leading his district's outdoor learning committee for 6 years, has organized numerous Pro-Ds and school-wide outdoor events. He is also the Director of the Shuswap Outdoor Learning Foundation, who connects children to nature through outdoor learning summer camps.

[Return to the Table of Contents](#)

## **E16 ‘Hands-On Daily 5, Math Daily 3 and CAFE’ (10:30 3:00) Elementary**

**\*\*Kay Bingham**

Join our Daily 5, Math 3 and CAFÉ classroom for the day! You will experience first-hand what a Daily 5 classroom looks and feels like while learning more about the structure and content involved.

Amanda Brennan and Lisa Carr have been collaborating hard for years and bring their love of fun and good practice to everything they do. Recently, they have been honing their skills based on ‘The Two Sisters’ Gail Boushey and Joan Moses.

## **E17 ‘Smart Education- Silent Retreat and session 9’ (8:30 – 3:30) Universal**

\*\*\*This is a closed registration. It is only open to teachers who are in the Smart Education course which began in February 2018.\*\*\* **Room 6 at the H.G.E.C.**

Smart Education Silent Retreat is the last session for teachers in the Winter 2018 Smart Education course from February to April 2018. This is a four hour silent retreat and session 9 on beginnings and endings. This is ALL day, from 8:30 – 3:30.

Tyler Van Beers is a Smart Education Facilitator and works at the Henry Grube Education Centre.

[Return to Table of Contents](#)