

Interschool Collaboration Session – March 22, 2019

Session Listings

1. *PowerTeacher Pro*

Location: WCCHS

Time: 9:00 am to 3:30 pm

Presenter: Bev McNutt

Contact: Bev McNutt @ mcnuttb@lrsd.ab.ca

Looking to improve your skills at reporting to kids and parents using PowerTeacher? Bring your laptop, assessment reports, and your knowledge to Willow Creek Composite High School. This is primarily a working session where you will have support at the ready.

2. *Let Language Lead the Way to Literacy: Hanen Training Part B: (Training A is a prerequisite)*

Location: GR Davis Administration Building

Time: 9:00 am to 3:30 pm

Presenter: Lisa Furukawa

Contact: furukawal@lrsd.ab.ca

We will discuss the links between oral language development and literacy

You will learn how to:

- Support children to develop a positive attitude towards books
- Choose books that match children's interests and stages of development
- Use book reading as a time for interaction and conversation

Staff will receive a certificate of completion for the course, to add to their PD portfolio.

Pre-registration is required. Please email Lisa @ furukawal@lrsd.ab.ca

3. ***Numeracy Learning & Sharing – Building Our Understanding of Numeracy***

Location: FP Walshe School

Time: 9:00 am to 3:30 pm

Presenter: LRSD Numeracy Committee

Contact: charchunk@lrzd.ab.ca

These sessions are for any staff teaching/supporting K - 12 Mathematics

9:00 - 12:00 Kindergarten - Grade 3

Jay Bright and Amanda Thomson Numberflex <https://numberflex.com/>

Jay and Amanda both teach at Raymond Elementary in Westwind School Division. They are passionate about sharing their love of teaching numeracy and building number sense for all kids, especially within early childhood. Jay and Amanda are currently pursuing a Master of Arts in Mathematics Teaching through Mount Holyoke College. They believe that developing number sense, student thinking and mathematical argument in their classrooms will lead to communities and cultures where math is valued and appreciated as a tool and a philosophy that makes sense of life and showcases the beauty of the world. Plus, it's really fun to teach!

Foundational Number Sense Routines, Puzzles and Rich Math Tasks (k-3)

This two part session will focus on;

1. Providing teachers with an overview of the 8 number sense concepts necessary for building a foundational understanding of math. These 8 concepts have been determined by the 3 most well respected educators in the field of k-2 mathematics. John Van De Walle, Doug Clements and Julie Sarama have greatly influenced and impacted k-2 mathematics classrooms across North America.
2. Providing teachers with number sense routines, puzzles and math tasks that can be implemented immediately to build these foundational number sense concepts. During the session participants will be able to experience favorite routines, puzzles and math tasks. We will also provide participants a list of resources for further investigation. We will be pulling resources from educators leading in this field such as Jessica Shumway, Christina Tondevoid and Graham Fletcher.

9:00 - 12:00 Grades 4 - 12

Dr. Richelle Marynowski, University of Lethbridge

Persistent strategies or rules for now?

This session will focus on learning strategies and structures in mathematics that are applicable across grade levels and content. The intent is to move away from 'rules for now' and highlight bigger ideas and connections that students can revisit and use in different mathematical contexts.

12:00 - 12:45 Lunch - bring your own lunch or \$5 and we will order pizza!

12:45 - 3:00 Jay and Amanda Grades 1 - 6

5 Phase Teaching Model (1-6)

Have you ever wondered if there is more to operations than the standard algorithm? Do you want your students to understand operations beyond “carry the one”? This session highlights “The 5 Phase Teaching Model”. This research based practice was introduced to the math world by Susan Jo Russell, Deborah Shifter, Reva Kasman, Virginia Bastable and Traci Higgins. This session will focus on giving teachers the steps necessary to facilitate mathematical conversation, build conceptual understanding, and make mathematical claims surrounding our number system. This model can be used for all operations (addition, subtraction, multiplication and division) across a variety of number systems. This pedagogy will be explored through hands-on tasks.

12:45 - 3:00 Puzzles & Problems with Dr. Richelle Marynowski Kindergarten - Grade 12

Session 4 of 5 Participation in previous sessions is not required.

All are welcome!

This series of PD sessions will present problem solving information and techniques to participants, through a series of five seminars. (This is session 4). The seminars will use puzzles as vehicles for participants to develop and practice problem solving skills, and will also focus on how teachers can use the puzzles and techniques in their classrooms to enhance their teaching of mathematics.

Most problem-solving experts agree on several facets of successful problem solving. Cognitive skills refer to reasoning ability and to specific tools, some of which will be taught in the sessions. Certain attitudes and attributes are also essential: the willingness to explore new ideas, spend time on difficult problems, and engage actively in thinking through ideas, and the persistence to keep going on difficult problems. Metacognition, the skill of reflecting on your own thinking in order to improve it, will also be an important theme of these sessions.

4. *Indigenous Ways of Knowing: Walking in our Footsteps*

Location: GR Davis Administration Building

Time: 9:00 am to 3:30 pm

Presenter: Sandra Lamouche

Contact: lamouches@lrsd.ab.ca

Sandra Lamouche will present a Walking Together: Education for Reconciliation (ATA) workshop for building Foundational Knowledge of Indigenous worldviews and examine concrete steps taken to build awareness and support inclusion of FNMI worldviews. This workshop will include a participant guide and new 'Stepping Stone' resources.

Please RSVP if you will be joining us for lunch- lamouches@lrsd.ab.ca

5. *Energy Revealed*

Location: Kainai High School

Time: 9:00 am to 3:30 pm

Presenter: John Taylor

Contact: taylorj@lrzd.ab.ca

Energy Revealed is a national learning initiative that brings real-world energy monitoring and management into the hands of students, teachers and facility managers. This multi-subject, multi-grade initiative empowers students to play leadership roles in delivering energy efficiency and practical cost-saving emission-reduction measures at school, at home and in their communities. You are welcome to use John's email address above as the contact person.

You can find more information here: <https://www.abcee.org/energy-revealed>

Please RSVP by March 18th if you are planning to attend. Please see the below document for the agenda, directions to Kainai High School.



Kainai High School Meeting Agenda for the Energy Revealed Program
March 22, 2019

Attendees
Jason King - Business Analyst, Greenplanet Energy Analytics (GEA)
Megan Foster - Education & Training Lead, Greenplanet Energy Analytics
Susan McKeague - Energy Revealed Program Manager, Alberta Council for Environmental Education (ACEE)
John Taylor - Off Campus Program Coordinator, Livingstone Range School Division (LRSD)
Possibly a few other teachers from LRSD - John to confirm

Meeting Objectives

- train students and lead teacher(s) on how to use the CircuitMeter software
- demonstrate one of the Energy Revealed activities from the draft guide to students and lead teacher (s)
- show teachers from Livingstone Range School division the potential learning opportunities with the CircuitMeter software and address any questions they have

Timing
9:00 - ACEE and GEA arrive at Kainai High School to get set up
9:35-10:30 - Megan and Jason to lead the teacher, Brad Holt, and Grade 10 students through CircuitMeter software training.
10:30-11:15 - possible time for ACEE and GEA to meet with LRSD teachers to ask questions about CircuitMeter software.
11:20-12:15 - Susan to demonstrate one of the Energy Revealed Learning Activities to Brad and Grade 10 students.
12:15 - 1:30 - As needed, meet with lead teacher at Kainai High School to talk about next steps with the Energy Revealed Program or answer additional questions from LRSD teachers

School Address
Cardston, AB
Google Maps Location:
<https://www.google.com/maps/place/Kainai+High+School/@49.2999893,-113.3435604,15z/data=!4m5!3m4!1s0x0:0x11da290d8e577a08!8m2!3d49.2999893!4d-113.3435604>

Organizer Information
Susan McKeague
Alberta Council for Environmental Education
Cell: 403.585.9902 | susan@abcee.org

6. *Online Resource Center (ORC)*

Location: West Meadow - Learning Commons

Time: 9:00 am to 3:30 pm

Presenter: Vivienne O'Neill

Contact: oneillv@lrsd.ab.ca

This session will be a personal exploration of the Online Resource Center (ORC). The ORC contains vetted websites for students that match Alberta curriculum. We will use our time to explore the variety of websites that are pertinent to our own teaching assignments.

Pre-registration is not required, but bring your laptop!

7. *Tinker Cad and More (Limited to Support Staff)*

Location: WCCHS Learning Commons

Time: 9:00 am to 1:30 pm

Presenter: Deb Marshall

Contact: marshalld@lrsd.ab.ca

Spend the morning exploring and using Tinker Cad, the primary 3D design tool used by the WCCHS Junior High Graphic Design Options class. This is a great opportunity to dig a little deeper and learn a little more to help students realize Tinker Cad's full potential. Other design tools being considered for the 2019/2020 school will be shared. Anything you create will be printed sent to your school the following week.

8. *The Path of Stress*

Location: Studio Om Lila, 233-47 Ave West, Back Alley Entrance Only, Claresholm

Time: 9:00 am to 3:30 pm

Presenter: Rob Charchun

Contact: charchunr@lrsd.ab.ca

There is a 2000 year old meditative tradition from Tibet called, “The Indestructible Path” that actually regards anxiety as ‘good news’ (lol). In other words, fear, resentment, fixation , worry and even hiding from reality are viewed as very workable and fertile situations; stress as an energy flow directly produced by the richness of our human experience; anxiety as an energetic expression of waking up.

Normally we would consider a path of mindfulness or meditation (same thing, really) as a way to shield ourselves from harsh realities, to make them go away, help us forget the world or even empower us to suppress our aggressors. The “Indestructible Path” teaches us about the possibility that discomfort could contain unspoken wisdom and maybe even be our teacher. A good analogy is that of farming. A skillful farmer uses stinky, smelly manure to fertilize the crops, thus producing vegetables that can be used to feed his or her family. With meditation as a path we can work directly with the ***manure of our human experience***.

In this session we will discuss the basis for the “path of stress” through transmission of traditional teachings, discussion, somatic meditation, nowness-open ended meditation and some movement in the form of Tibetan Yoga. Dress comfortably. We will sit on chairs and practice on chairs too as most people prefer this.

Please RSVP to charchunr@lrsd.ab.ca if you intend to attend.

9. *Grade 3 Science and Social Studies Curriculum*

Location: Horace Allen School

Time: 9:00 am to 3:30 pm

Presenter: Roy Latch

Contact: lachr@lrsd.ab.ca

The grade 3 team at Horace Allen School are planning on exploring the new Grade 3 Science and Social Studies curriculum. Please join us for collaboration!

Please contact Roy Latch for more information.

10. *4 Core Collaboration project for grades 7, 8 & 9*

Location: J T Foster

Time: 9:00 am to 3:30 pm

Presenter: Charlene Baxter

Contact: baxterc@lrsd.ab.ca

We will continue to work on this project that was started at our previous ISC day - Creating multi-curricular projects (for grades 7, 8 & 9) that encompasses all 4 cores courses. This will be our last session to pull it all together.

Please pre-register with Charlene @ baxterc@lrsd.ab.ca

11. *Development of transferable skills*

Location: J T Foster

Time: 9:00 am to 3:30 pm

Presenter: Joel Gamache

Contact: gamachej@lrsd.ab.ca

This ISC will focus on the development of transferable skills in our trades programming (specifically with a focus on fabrication and automotive). In this session we will explore the opportunities we see surrounding automotive wiring and electrical diagnostics when refabricating automotive components. Please bring examples of assignments and projects if you have.

Please contact Joel Gamache for more information.

12. *Speech Language Resources for Preschool and Kindergarten*

Location: Canyon School

Time: 9:00 am to 3:30 pm

Presenter: Savi Houldin, LS Teacher

Contact: houldins@lrsd.ab.ca

Are you wondering what resources you might use for speech language support in your classroom? Let's share what supplies we have and how we can use them in our classrooms to support all students. Bring any resources you might want to share with us.

13. *Individual Professional Growth Plans Collaboration*

Location: Crowsnest Consolidated High School

Time: 9:00 am to 3:30 pm

Presenter: Krysta MacDonald

Contact: macdonaldk@lrsd.ab.ca

How is your progress on your IPGPs going? Do you wish you had more/any time/resources to work on your goals? This session allows an opportunity for you to collaborate with others on your goals, and to take some time to work on making progress to them. What has worked for you in the past? What has not? And just how is it going this year?

AM: Sharing Goals, Reflecting on Past Goals and Structures (What have we done before? What should we do in future?)

PM: Collaboration and Work Time on Current Goals (What are we doing now?)

This is a continued, sharing, work session that is being carried on from the last ISCD; please bring your goals, any materials and resources you wish to use, and a willingness to collaborate. Please register via email to macdonaldk@lrsd.ab.ca.

14. *Improving Home School Connection in Primary Classroom*

Location: Canyon School

Time: 9:00 am to 3:30 pm

Presenter: Sandy Dickson

Contact: dicksons@lrsd.ab.ca

Using digital strategies- programs such as See-Saw, Story Park, weekly reporting templates, etc.. Brainstorming and sharing and work-bee format. Please bring the devices and programs you are using, what is working and what isn't. It will be an opportunity to collaborate and refine our communication strategies with preschool and Kindergarten families.

15. *Elementary PE Games*

Location: West Meadow Elementary Gymnasium

Time: 9:00 am to 3:30 pm

Presenter: Kendra Selk

Contact: selkk@lrsd.ab.ca

Come out to learn and play some of my student's favorite P.E. games. Most of the games are targeted at K-6 P.E. but some can be used for any age. Be prepared to share a game of your own. Dress in clothes that you can move comfortably in.

16. *Transition to Outdoor Learning*

Location: Horace Allen

Time: 9:00 am to 3:30 pm

Presenter: Lesley Margetak

Contact: margetakl@lrsd.ab.ca

- reviewing and determining actions needed to proceed towards a 'mountain nature inquiry forest school' philosophy and status.
- focus groups and conversations will be identified around: Forest & Nature school programming into our current teaching practice and align with concept based new curriculum.
- creating 'place-based' grade level and cross-grade inquiry topics.
- next steps in site-based planning for the physical space involving community partners - determining priorities environmental programs & contests - Olds College.
- reviewing 'new' playground rules/guidelines and expanding boundaries - physically and cognitively.
- Imbedding regular outdoor learning - planning with a creek & forest site visit, outdoor meeting area, stage, garden revisiting risk assessments created by cross-grade groups.
- planning for weekend Child & Nature Alliance workshop possibility.
- planning garden beds - grade-level groups , maintenance plan.
- continuing our book study of "Last Child in the Woods" Saving Our Children from Nature-Deficit Disorder by Richard Louv.

17. *Writer's Workshop in Primary and Elementary Classrooms*

Location: Stavely School

Time: 9:00 am to 3:30 pm

Presenter: Heather MacDonald

Contact: macdonaldh@lrsd.ab.ca

We will explore some strategies for getting Writer's Workshop started in your classroom. We'll discuss how to scaffold for struggling writers, strategies for helping students revise and also edit their writing. If time, we'll also practice assessing some writing and discuss strategies for how your assessment can inform your practice as well as your reporting to parents. (Feel free to bring some of your own students writing and we'll take some time to mark your student's work!).

Please RSVP to macdonaldh@lrsd.ab.ca if possible.

18. *Elementary Math Games*

Location: Granum School

Time: 9:00 am to 3:30 pm

Presenter: Cara Pawlick

Contact: pawlickc@lrsd.ab.ca

We will be spending the day sharing elementary math games, exploring how to play and differentiate games and creating a game bank that we can use in the classroom. Please bring games/templates to share, any manipulatives that may be useful for Math games or other resources.

Please contact Cara for more information.

19. *Life-Skills and Adapted Curricular Programming for Students with Special Needs (Div. 2)*

Location: Canyon School, Room 223

Time: 9:00 am to 3:30 pm

Presenter: Sarah Duncan

Contact: duncans@lrsd.ab.ca

An opportunity for teachers and educational assistants to work collaboratively on developing life-skills related resources for students with special needs (or on adapted programs) Effective and efficient strategies for implementation will also be discussed. This will be a "share-and-create" style session.

Bring your own lunch, or \$\$ (we can order in).

20. *Elementary Administrators Round Table Session*

Location: WA Day School

Time: 9:00 am to 3:30 pm

Presenter: Paul Pichurski

Contact: pichurskip@lrsd.ab.ca

A round table session for Elementary School Administrators in Livingstone Range School Division. Topics will include Instructional/Assignable Time, Home and School Communication Strategies, School-Wide Numeracy and Literacy Strategies, among other items.

If you wish to attend this session, please contact Paul Pichurski at pichurskip@lrsd.ab.ca

21. *Designing a project based learning framework (for Humanities)*

Location: Contact Clair Hockley for location in Pincher Creek

Time: 9:00 am to 3:30 pm

Presenter: Clair Hockley

Contact: hockleyc@lrsd.ab.ca

My students have embarked on quite a variety of project based learning activities from developing signs and brochures for Alberta Parks, films, paintings, board games, essays, sculptures, cakes and more. Having spent time with colleagues in professional development sessions, I want to develop an open-source framework for student driven projects in which they learn, grow, discover, create, reflect, etc., etc. that will work for something small like a unit project on YCJA (Gr. 9 SS), or Romeo and Juliet, to something bigger that might encompass an entire year-long project. I envision this framework becoming a design tool to make sure I (or any other teacher) asks the right questions, puts the right supports and guidelines and parameters in place to ensure the highest probability of student success.

Contact Clair Hockley if you are interested in attending.

22. *Daily 5 in a Multi-Grade Setting*

Location: Pincher Creek Colony School

Time: 9:00 am to 3:30 pm

Presenter: Brad Kropinak/ Tracey Shackel

Contact: kropinakb@lrsd.ab.ca

Collaborate and explore effective techniques to implement the Daily 5 Language Arts model in a multi-grade setting. This session will be aimed specifically at Hutterite Colony schools, however if you are teaching in another setting and interested please feel free to come.

Please bring resources that you are currently using in the Language Arts realm that you feel would be worthwhile for sharing.

23. *It starts with a book!*

Location: West Meadow School Room 125

Time: 9:00 am to 3:30 pm

Presenter: Deb Heitman

Contact: heitmand@lrsd.ab.ca

Using books to create links for cross-curricular learning, and activities. Bring a book you'd like to work with and a laptop.

Contact Deb Heitman for more information.

24. *Phys Ed and Athletic Directing/coaching discussion*

Location: Matthew Halton School

Time: 9:00 am to 3:30 pm

Presenter: Randy Whitehead

Contact: whiteheadra@lrsd.ab.ca

For those with Phys Ed Student teachers, they can come together and discuss how their first 3 weeks have gone and plan and bounce ideas off for the rest of their practicum. We can join in discussion and have our own discussions as well. We will use this time to collaborate and complete items we may need to complete. If needed bring your laptop.

Any questions about the day feel free to contact Randy Whitehead at whiteheadra@lrsd.ab.ca.

25. *Art in the Community*

Location: Matthew Halton School – room 131

Time: 9:00 am to 3:30 pm

Presenter: Laura Pearce

Contact: pearcel@lrsd.ab.ca

We will meet to discuss opportunities of bringing students art into the community, finishing the day with the completion of a community project. Please join with us to explore ideas.

For more information, please contact Laura Pearce at pearcel@lrsd.ab.ca

26. *Exploring Indigenous Resources & Activities for the classroom to be used in the classroom: FNMI Outcomes Possibilities*

Location: Matthew Halton High School – Learning Commons

Time: 9:00 am to 3:30 pm

Presenter: Susan Robinson & Ty Provost

Contact: robinsons@lrsd.ab.ca

Are you looking for Indigenous activities or resources to use in your practice? Are you meeting the FNMI outcomes in your lessons? Would you like to develop a broader bank to draw from? If so, come join us, as we explore. We will look at a variety of Indigenous resources and activities that could be used in the regular classroom, (meeting FNMI outcomes) and / or for teaching an Indigenous Studies class and / or working with our FNMI students. We may play some Indigenous games, partake in various activities and immerse ourselves in various Indigenous ways. Activities that have been developed or utilized already will be perused. Time will also be given to examine resources found locally. We will look at some resources that are available to be accessed. Participants are encouraged to bring and share some of their own Indigenous activities or resources and help us add to the list.

Come, and let's grow and learn together.

27. *Grade 1 Math Center Partner Games*

Location: Horace Allen School, Room 119

Time: 9:00 am to 3:30 pm

Presenter: Michael Page

Contact: pagem@lrsd.ab.ca

As a grade one teaching team we will be gathering math resources, organizing them to align with our long range plans. The focus will be upon gathering partner game resources to be used during Daily 3 guided math sessions. We will be doing this while keeping the upcoming new curriculum in mind and attempting to find resources that will also align well with the changes.

Please RSVP to Michael Page @ pagem@lrsd.ab.ca

28. *Design Thinking*

Location: Livingstone School

Time: 9:00 am to 3:30 pm

Presenter: Liesl Leishman

Contact: leishmanl@lrsd.ab.ca

Design Thinking has the potential to impact projects in all areas of the curriculum. Join us as we refine our practice related to design thinking and create multidisciplinary, outcome based, scoring guides. We will be working on past and upcoming STEM and Design Thinking projects in grades 4-6. Bring your own projects or share in ones that are already started. Later in the day we will also look at developing rich tasks that will mix math and language outcomes with local career presentations. Be sure to pack a lunch!

Please contact Liesl Leishman if able to attend leishmanl@lrsd.ab.ca

29. *We are Skilled!!*

Location: Matthew Halton High School

Time: 9:00 am to 3:30 pm

Presenter: Ian Robertson

Contact: robertsoni@lrsd.ab.ca

Any teachers interested in learning about or creating a skills program at your school please join me at Halton this Friday. I have been involved with Skills Canada Alberta for the past seven years and have seen how it can grow students in both their job related skills but their self-esteem as well. Areas of focus include: What is Skills? How can my school get involved? Recruiting students, registrations, practices finances etc etc.

30. *Sorting Through Math Resources*

Location: Canyon School

Time: 9:00 am to 3:30 pm

Presenter: Terri Simpson & Sue Milligan

Contact: milligans@lrsd.ab.ca

In light of our Division wide Numeracy Focus, we would like to spend time looking into some of the resources Kathy Charchun and her team have provided. Our goal would be to create lessons from those resources that will support our students.

For more information, please contact Sue Milligan milligans@lrsd.ab.ca.

31. *Supporting Individuals Through Valued Attachments (SIVA) – Closed Session*

Location: WCCHS

Time: 9:00 am to 3:30 pm March 21 & 22, 2019

Presenter: Jessica Ames & Kendra Massie

Contact: verberkk@lrsd.ab.ca

Livingstone Range School Division will be offering the following training, Supporting Individuals Through Valued Attachments (SIVA). If you are interested in attending this two day course offered during Inter-School Collaboration time, please speak with your Administrator or Learning Support Teacher to be registered. Space is limited.

Please note that you must pre-register with Kevin verberkk@lrsd.ab.ca .