Volume 14, Issue 2 PECASSCONNECTION TO The official magazine for the College of Alberta School Superintendents

Enhancing Outality System Leaders



Marine Life EDUCATION PROGRAMS

Make learning a fun and exciting experience with West Edmonton Mall's interactive and engaging programs. Learn in the creatures' environments, and so much more.

Contact Marine Life for more info: 780.444.5320

WEST EDMONTON MALL EDUCATION PROGRAMS

Contact Group Sales for more information 780-444-5308 or email groups@wem.ca





Class is in session...



PHYSICS 101 WORLD WATERPARK OR GALAXYLAND

World Waterpark, a perfect place to enhance classroom learning OR Galaxyland, a spectacular place to set learning in motion.



Use your mathematical skills to measure and perform calculations involving various aspects of World Waterpark.



To register your school for a classroom presentation, select "enter contest" at: CaringForOurWatersheds.com

Student-led Stewardship



Across Alberta, grade 7-12 students have been taking the lead on environmental issues by answering the question:

"What can you do to improve your watershed?"

To participate in the Caring for Our Watersheds contest, students research a local concern and develop a project proposal. Finalists win cash prizes for themselves and their school. All students are encouraged to implement their ideas with the support of a community mentor. \$20,000 is available to fund realistic projects.

OPEN TO ALL 7-12 STUDENTS IN ALBERTA. ENTER THE CONTEST CLOSEST TO YOU

Southern Alberta

(Everywhere south of and including Airdrie) Contact: Cody Field, Program Advisor Phone: 403-826-7870 E-mail: cody.field@calgary.ca Southern AB, Proposal Deadline: March 15, 2019

Central Alberta (Everywhere north of Airdrie) Contact: Nathalie Stanley Olson, Program Coordinator Phone: 780-672-0276 Toll Free: 1-888-672-0276 E-mail: nathalie@battleriverwatershed.ca Central AB, Proposal Deadline: April 10, 2019







Werklund School of Education

Rita Marler, EdD Candidate

Imagine the possibilities at Werklund

From teacher, school administrator, division principal, deputy superintendent to superintendent in the Battle River School Division, sheep farm owner and working mother of two, Rita Marler exemplifies on-going leadership in education.

Participation in Werklund School of Education's flexible and dynamic online graduate programs has enabled Rita to pursue her EdD with a special focus on K-12 instructional leadership, while continuing to work and live in Camrose, A8. "I chose Werklund because it has a great reputation and the flexibility of online learning provided the right opportunity for me to continue working while completing my doctorate."

Our innovative, relevant graduate programs use the latest delivery methods in digital learning environments to facilitate connection and engagement at the graduate level, an essential part of the learning journey, according to Rita. "We connect through our online courses. This is a tight-knit group of committed individuals that I am privileged to work and connect with on a regular basis. My doctorate work directly impacts my everyday work. It has reinforced the importance of the leadership work we are currently doing in our division."

Werklund's flexible professional cohortbased graduate programs offer:

- Research-informed and research-active courses
- The opportunity to develop research and academic expertise in technology-rich and dynamic learning contexts
- Expansion of professional and academic community connections



Master's and Doctoral programs:

- Adult Learning (PhD, MA, EdD, ME
- Counselling Psychology (PhD, MSc, MC
- Curriculum and Learning (PhD, MA, MSc, EdD, MEd)
- Language and Literacy (PhD, MA, EdD, MEd)

Learn more at werklund.ucalgary.ca/gpe

- Leadership (PhD, MA, EdD, MEd)
- Learning Sciences (PhD, MA, EdD, MEd)
- School and Applied Child Psychology (PhD, MSc, MEd)



UNIVERSITY OF CALGARY WERKLUND SCHOOL OF EDUCATION The CASS Connection The official magazine for the College of Alberta School Superintendents Fall 2018

Published for: The College of Alberta School Superintendents # 1200, 9925 - 109 Street Edmonton AB T5K 2J8 Phone: (780) 451-7126 Fax: (780) 482-5659 admin@cass.ab.ca www.cass.ab.ca

Published by: Matrix Group Publishing Inc. Return Undeliverable Addresses to: 309 Youville Street Winnipeg, MB R2H 2S9 Toll free Phone: (866) 999-1299 Toll free Fax: (866) 244-2544 www.matrixgroupinc.net Publications Agreement Number 40609661

> President & CEO Jack Andress

Operations Manager Shoshana Weinberg sweinberg@matrixgroupinc.net

> **Publisher** Jessica Potter

Editor-in-Chief Shannon Savory ssavory@matrixgroupinc.net

Senior Editor Alexandra Kozub akozub@matrixgroupinc.net

Finance/Administration Pat Andress, Nathan Redekop, Lloyd Weinberg accounting@matrixgroupinc.net

Director of Circulation & Distribution Lloyd Weinberg distribution@matrixgroupinc.net

> Sales Manager – Winnipeg Neil Gottfred

> Sales Manager – Hamilton Jeff Cash

> > Sales Team Leader Tanina Di Piazza

Matrix Group Publishing Inc. Account Executives

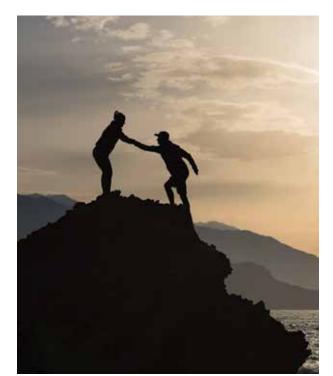
Andrew Lee, Bonnie Petrovsky, Brenda McPhee, Brian MacIntyre, Cheryl Klassen, Colleen Bell, Frank Kenyeres, Jason Wikis, Jim Hamilton, Julie Welsh, Renée Kent, Rob Gibson, Rondal Gardner, Sandra Kirby

> Advertising Design James Robinson

Layout & Design Cody Chomiak

©2018 Matrix Group Publishing Inc. All rights reserved. Contents may not be reproduced by any means, in whole or in part, without the prior written permission of the publisher. The opinions expressed in this publication are not necessarily those of Matrix Group Publishing Inc.

contents



College of Alberta School Superintendents





Messages:

- 7 Message from the Minister of Education
- 9 Message from the President of CASS
- 11 Message from the Executive Director of CASS

FOCUS ON... SYSTEM LEADERS & ASSURANCE: ENSURING STUDENT SUCCESS

Features:

- 13 Effective Leadership for Learning
- 16 The Emergence of Coaching from Servant Leadership
- 20 Placing System Learning at the Heart of System Leadership
- 23 "Kids These Days" are the Least of Our Concerns
- 26 Mentorship: An Effective Model in a Small School
- 30 Growing School Leaders Collaboratively

Department:

32 Healthy People, Healthy Workplace: The Integration of Wellness

34 Index to Advertisers

The College of Alberta Sch<mark>ool Superintendents</mark>



ENCOUNTER THE MAGIC OF THEATRE!

Students Club

A weekday evening program that includes six Mainstage shows, light dinner, presentations by theatre professionals, and Q&A sessions with actors.

School Matinees

Midday matinees devoted to school groups, with affordable pricing for groups of students.



"I had one student indicate how he did not realize live theatre was so amazing; he would love to attend more performances in the future. Thank you for providing youth this opportunity!" - Darcelle Nichols,

English Language Arts Teacher, Stratford School



"A Christmas Carol was a real favourite with the kids. Everyone enjoyed it and was wowed by the sets, costumes, effects and, of course, the cast of characters! Thanks so much for allowing us to attend the Citadel at a rate students can afford. Looking forward to next year!" - Helen Payette, École Pine Grove Middle School

FOR PRICES AND MORE INFORMATION OR TO BOOK, PLEASE CONTACT

Shirley Tran, School Booking Coordinator

780.428.2127 groupsales@citadeltheatre.com

Seaton Spomo

Education Sponsor

Capital O Power

STRONGER COMMUNITIES TOGETHER

London

Canadatife



Message from the **Minister of Education**

The Honourable David Eggen

e are in the midst of another exciting school year. This year, nearly 700,000 students from across Alberta headed back to class. In September, I was fortunate to visit many of your schools and I look forward to visiting more in the weeks ahead. I always enjoy seeing the excellent work happening in our schools to enhance the learning experience of our students.

Thank you to all the teachers, support staff and members of our school communities for all the work you do to prepare Alberta's students for success. Your passion and dedication is essential to building a healthy, prosperous future for our province and future generations.

Our government is committed to supporting the outstanding work educators do each day. That's why I was pleased to extend the Classroom Improvement Fund into this school year, which means school boards are able to access \$77 million to hire additional staff and provide more supports to students, particularly in areas like math and literacy.

Across Alberta, there is a growing sense of optimism. Families are continuing to trust that Alberta is one of the best places in the world to live and raise a family, and we are again expecting an increase in enrolment of nearly 15,000 students province-wide. We believe that all of our students deserve high quality learning environments and an education that enriches their lives, so our government has fully funded enrolment growth each year, resulting in nearly 4,000 new teachers and support staff.

We are also making an unprecedented investment in school infrastructure, with 37 new and modernized school projects expected to be completed this school year. In fact, we are at the height of the largest school build in Alberta's history, as these 37 projects are on



Minister Eggen visited several schools in September and will continue to do so throughout the school year

top of the 144 that have been completed since May of 2015. What's more, there are dozens of projects still underway that were announced in Budget 2017 and 2018, and will be opening in the coming years.

Additionally, we are modernizing Alberta's curriculum to make sure that students have the skills they need to build bright futures for themselves and their families. To help shape the future curriculum, I had the opportunity this summer to engage with experts and advocates on topics like financial literacy, diversity and pluralism in Alberta, and computational thinking. The changes also include teaching students about First Nations, Métis and Inuit histories, perspectives, culture and current issues, as well as the legacy of residential schools. I am proud of the work our government is doing to reflect the journey of reconciliation and I am confident that the common-sense changes we are developing will give students the skills they need to succeed in a fast-changing world.

We are working to make life better and more affordable for Alberta families

through An Act to Reduce School Fees. By eliminating fees for instructional supplies, materials and transportation fees for eligible students, we are doing what we can to make sure students and families can start the year off right.

We know supportive environments are critical for learning and make school a more positive place for all students and staff, regardless of their sexual orientation, gender expression or gender identity. That's why we announced An Act to Support Gay-Straight Alliances, which protects students from barriers to forming gay- or queer-straight alliances in schools and supports welcoming, caring, respectful and safe environments for all.

Thank you for being an integral part of these important initiatives. Together, we are working to make life better for Alberta's students and their families. We should all be proud of our accomplishments, and I look forward to continuing our work together.





employees - with a perfect fit to meet Alberta Occupational Health and Safety Standards.

LET US SHOW YOU HOW WE CAN HELP.

www.eyesafe.ca | sales@eyesafe.ca | 780.451.9451



Do you sell or supply milk in your school? Club Moo is for you!

Alberta Association of

Optometrists.

Club Moo promotes healthy eating and students learn better when they consume healthy foods.

Questions?

Email: schoolmilk@albertamilk.com Call: 1 877 361 1231

Visit:

albertamilk.com/clubmooregistration to register your school with Club Moo.

Registration closes December 31 annually for current school year and opens March 1 annually for next school year.





Message from the President

Kurt Sacher

College of Alberta School Superintendents

ith September 1, 2019 approaching quickly school jurisdictions are working hard to help their staffs align with the new professional practice standards for teachers, system and school leaders, and superintendents. The new standards serve to support the work that has always been done across Alberta to enhance quality system leadership.

It was so exciting to see hundreds of College of Alberta School Superintendents (CASS) leaders from across Alberta come together in the Kananaskis for our first ever Provincial Learning Conference. It was at this conference that CASS got an early start embracing the new quality standards. Given that 60 per cent of CASS members have been system leaders for five years or less, it is incumbent upon us to ensure the highest levels of support for their leadership development.

In Alberta, school jurisdictions provide so many incredible learning opportunities internally to grow and support leadership development. This is enhanced when jurisdictions work interdependently to share and build upon their most successful work. As an organization, CASS plays a key role supporting leadership development with programs like Start Right for beginning administrators; Leading and Learning for experienced administrators; CASS Mentorship for new CASS members; and through a variety of learning-focused CASS conferences designed to enhance system leadership development.

In this edition of *The CASS Connection*, there are a number of articles that will provide the reader with insight into specific programs, like the one in Zone 4 where prospective school leaders from several neighbouring jurisdictions receive an intensive program that combines and delivers the best learning from each of the partnering divisions.

In many school divisions in Alberta, there is work being done with post secondary institutions, like the University of Lethbridge, supporting Instructional Leadership programs within their divisions. In Chinook's Edge, for example, we have seen considerable growth for school-based administrators and system-level administrators who have been involved in this local leadership development program. We have seen it have an impact on quality learning environments in our classrooms and on student learning in our rural school division.

We have found that the true power in this model comes from an inquiry-based approach where system leaders stand beside school-based administrators, who in turn stand beside their teachers, who stand beside their students to challenge and support learning at its highest level throughout our system. Because of our involvement in this model our staff are committed to professional growth and our system is carefully aligned to ensure our people receive the support that they need. I am proud of how our schoolbased and system-level administrators have become such consummate professionals as they develop their skills through this particular instructional leadership model.

In his book, District Level Leadership Matters, Marzano makes a very strong case for the role quality system leaders play in improving student learning. In Alberta, thanks to the great leadership capacity building underway, along with tremendous support from CASS, our relatively new contingent of leaders are in good hands in the province of Alberta. Special thanks to the contributing authors for this edition. Thank you for sharing your expertise!

President Kurt Sacher Superintendent of Schools Chinook's Edge School Division No. 73

Past President Chris MacPhee Superintendent of Schools Canadian Rockies Public Schools

Board of Directors

CASS

Ist Vice President Bevan Daverne Superintendent of Schools Golden Hills School Division No. 75 2nd Vice-President Karen Shipka Assistant Superintendent, Learning Services Grande Yellowhead Public School Division #77

Zone I Director Sandy McDonald Superintendent Grande Prairie Public School District

Zone 2/3 Director Dr. Rhonda Nixon Assistant Superintendent Greater St. Albert Catholic Schools Zone 4 Director Rita Marler Superintendent of Schools Battle River School Division

Zone 5 Director Dr. Scott Morrison Superintendent of Schools Christ the Redeemer Catholic Schools

Zone 6 Director Amber Darroch Associate Superintendent Horizon School Division No. 67 Director - Metro School Authority Gary Strother Chief Superintendent Calgary Catholic School District

Director - First Nations School Authority Chester Auger Director of Education Bigstone Education Authority

Executive Director Barry Litun Executive Director College of Alberta School Superintendents





THEIR FUTURE BEGINS HERE AND YOU CAN HELP!

Each year the Alberta Association of Optometrists sends an Eye See... Eye Learn® parent package to every kindergarten student through the schools. That's more than 65,000 parent packages! Eye See . . . Eye Learn® is a program that provides

kindergarten students with an eye exam by an optometrist, which is covered by Alberta Health. If required, kindergarten students also receive a FREE pair of eyeglasses.

We count on the schools and the teachers to help by distributing this important information to parents and sending the package home with the student. To all of you who help, thank you!



80% of classroom learning is visual.

- 1 in 4 children have some form of vision problem.
- More than 43% of children who have a vision or eye health problem can pass a basic vision screening or sight test. An eye exam by an optometrist is accurate, and will check for a number of possible vision problems.
- Children with vision problems are often misdiagnosed as having learning or behavioural disabilities.

Visit www.optometrists.ab.ca/esel for more information and teacher resources.





The Master of Education in Educational Studies (MES) is designed to empower a culture of informed practice through investigation of the complex challenges and exciting opportunities associated with leading educational improvement from where you practice.

- Study while you work.
- Progress through the 2-year program with a single cohort.
 - 2 three-week, face-to-face summer residencies (one in first year, one in second year)
 - Online during the K-12 school year
- Integrate your area(s) of educational interest into your coursework and research.

For more information visit our website, register for one of our informational webinars, and/or contact us.

www.uab.ca/mes + mesinfo@ualberta.ca + 780.492.0998





Message from the **Executive Director**

Barry Litun | College of Alberta School Superintendents

hen the theme for this edition of *The CASS Connection* was established, work was well under way for three Research Projects initiated by the College of Alberta School Superintendents (CASS), each of which speaks to the heart of enhancing the quality of system leaders and system leadership.

A summary of the findings of the research suggests that superintendents need to focus on building sustainable learning cultures that promote critical reflection, shared responsibility for student success, and the use of school and classroom data to drive continuous improvement. The studies also found that when superintendents align resource allocation with instructional priorities, the positive impact on student outcomes is measurable.

The trilogy of professional reports are available on the CASS website at https:// cassalberta.ca/resources/research-and-position-papers, and include:

- School System Leadership Development, a Best Practices Literature Review authored by Dr. Barret Weber and Alvina Mardhani-Bayne;
- 2. Review of Leadership Development Programs for Alberta School Authorities System Leaders 2017-2108, authored by Joanne Bergos and Stephen Lynch; and
- 3. Leadership Learning through University & School Authority Partnerships in Alberta, authored by Cam Oulton.

The literature review by Dr. Weber and Ms. Mardhani-Bayne provides a discussion of the "systemic conditions that are needed for senior leadership to impact student learning and achievement." Written in a case study format, the review describes approaches to the development of system leadership in the provinces of Saskatchewan and Ontario, the states of Kentucky, Minnesota and New York (through the work of the American Association of School Administrators), and what is being done in New Zealand (through the work of the Ministry of Education).

Through their research the authors identify five key lessons learned, and through the following statement provide a challenge to CASS and CASS members: "We firmly believe that, with a laser-like focus on the conditions that impact student learning, system leaders can impact the drivers that matter."

In their review of leadership development programs in Alberta, Ms. Bergos and Mr. Lynch tell the stories provided by 52 different school authorities. They have published a searchable encyclopedia of information that can assist readers in finding the program structure, elements and content, as well as contact information from the 52 school authorities, in order to support the creation or enhancement of leadership development programs for current system leaders, principals and assistant principals. This is a great resource to use for identifying and preparing future system and school leaders. A key aspect of the report is that it also provides how the respective school authorities define and measure success of their programs.

The authors encourage CASS and CASS members to, "use this information to increase networks of information and support to build leadership capacity across the province."

CASS will be using the format of this report to tell the stories of Alberta School Authorities that have developed strategies to support wellness of staff and students in their respective jurisdictions. In Leadership Learning through University & School Authority Partnerships in Alberta, author Cam Oulton shares the stories of seven Alberta School Authorities and two universities, referencing partnerships between the School Authorities and the universities in the development and implementation of leadership development programs. Five key advantages were identified by the participants, including:

- 1. Increased trust;
- 2. Increased credibility;
- 3. Bridging theory and practice;
- 4. Exposure to adult learning practices; and
- 5. Focussed external expertise.

Mr. Oulton also provides the potential challenges to creating and maintaining successful partnerships, and challenges CASS to continue the research to include all school authorities and Alberta universities involved in leadership development partnerships.

In a Foreward specifically written for CASS, Dr. Michael Fullan and Dr. Santiago Rincón-Gallardo succinctly summarized the findings of the Research Trilogy: "We have noticed that CASS members are focused on the learning agenda like never before—with clearly articulated strategies, nuanced and collaborative approaches to leadership, and a relentless focus on improving student learning."

Thank you to the authors in this edition of *The CASS Connection* for telling additional stories of how every student is important and supported in their respective jurisdictions.

And, on behalf of all CASS members, I extend sincere appreciation to the sponsors that advertise in *The CASS Connection*. Your support enables us to publish the magazine, which is shared with all education partners in the province as well as all the parallel organizations of system leaders across Canada.





Post-Diplomas and Post-Baccalaureates to advance your career.

This higher level of certification can help you achieve a career change, a promotion, or improve your knowledge of your industry in as little as eight months.

Learn more at bowvalleycollege.ca





BROWNLEE LLP Barristers & Solicitors

Specialized Education Sector Experience Practical, Proactive, Timely Advice Contact Colin Fetter & his team today for all your legal needs: 780-497-4800 or 1-800-661-9069

www.brownleelaw.com





12

Inside Learning Disabilities for Educators

Online, moderated course for professionals working with students with Learning Disabilities. Content is based on current, evidence-based best practices. Accessible from anywhere at anytime. New courses begin January, April, June and September.



FOOTHILLS ACADEMY SOCIETY A Leader in Learning Disabilities since 1979 Professional Development Services

www.foothillsacademy.org 403.270.9400



Effective Leadership

By David Griffin, Red Deer Catholic Regional Schools, and Paul Stewart, Red Deer Catholic Regional Schools (retired), City University of Seattle

he field of education is becoming significantly more diverse, and expectations of teacher effectiveness and adaptability are continually growing. The *Leadership Quality Standard* (Alberta Education, 2018) notes the importance of teaching and administrative staff building personal and collective professional expertise. Together, administrators and teachers are encouraged to work towards sustained and meaningful growth for the betterment of student performance and the teaching profession itself. The positive pressure of formal leaders and the leadership capital within a building will be the driving force behind the creation of leadership for learning cultures. Each context can find creative solutions and implement common core principles for creating a leadership for learning culture and promoting distributive leadership.

There is some disagreement on the level of influence school administration has on school culture and many contextual factors need to be taken into consideration. However, although it is clear that cultures are built from within an organization, an administrator can foster that growth through their leadership style and relationship building with staff. Leadership is vital to the success of teachers, and that principals have the power to improve or stagnate teacher performance.

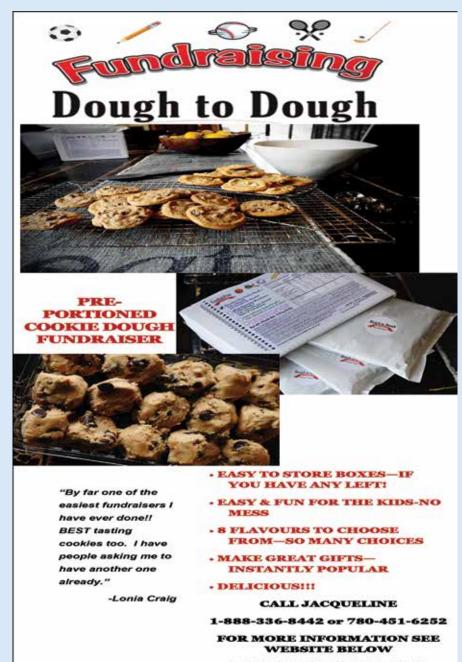
Principals can have significant impacts on school culture in both positive and negative ways. In response to the stagnated growth of teachers, research suggests that growth comes from within an organization's front lines. Leadership for learning cannot be mandated by administration alone.



Alberta Education (2018) has pushed for higher standards of leadership in our school systems with the *Leadership Quality Standard*. Formal leaders need to use data to create a clear vision and mission, build capacity to support organizational improvement and work on it continuously.

There is a new standard to hold teachers, leaders and superintendents accountable in Alberta that will take effect at the start of the school year in 2019. The problem is that training programs, for the most part, have been preparing leaders for their role without understanding how they might be held accountable in the future. Previously, all educators, regardless their role, were held to the same standard. This is changing. The concern is how are we preparing aspiring leaders, and those new to the role, to meet these standards and in order to do their best, what do we want them to know, do and be?

In 2016, the Alberta Government had presented the draft *School Leadership Standard* (Alberta Government, 2016) that was based on the *Principal Quality Practice Guideline* (PQPG) from 2009, with the



DOUGHTODOUGH.COM

inclusion of one more competency, which was supporting the application of foundational knowledge about First Nations, Metis and Inuit. On April 7, 2018 there was a ministerial order signed making all teaching professionals accountable for this standard.

For the first time there is a separate standard for leaders and superintendents. The *Leader Quality Standard* (LQS) maintained all the draft competencies but added an additional one: Modeling commitment to professional learning. This new competency clearly indicated that leaders need to commit to actively build their professional capacities and expertise. This new standard will not be in effect until September 2019. The draft had indicated the need to establish formal supports to ensure the successful implementation of the standard and now that the new LQS will be law, the need to address transitions and supports for this training will be imperative.

Alberta Education is pushing for teacher and administrator growth and adaptability in the new Teacher Quality Standard (Alberta Education, 2018) and Leadership Quality Standard. School districts are obligated to provide resources and support to ensure the continual growth of their staff. In setting up straightforward, focused and achievable professional development goals, administrators can attain constant and realistic growth throughout their careers. Emphasizing administrator accountability for reaching straightforward, focused and achievable learning targets can be a significant element to help them grow. Instructional leaders are considered the most important factor in teacher growth and effectiveness. By creating a culture where teachers can grow in ways that are meaningful and attainable, we will have positive outcomes for students.

Demands on school leader growth and adaptability have grown rapidly in the past decade and continue to grow based on the increasing rate of change in our society and the educational field. Creating successful learning cultures amongst administration and school-based leaders has been a focus area for many school districts and many resources are being delegated towards this area. The Alberta government—through the *Teaching Quality Standard* and the more recently developed *Leadership Quality* *Standard*—provide a map for administrators to reach a specified level of excellence, to pursue professional growth and to be lifelong learners. However, not all professional growth models are created equally among school districts.

In response to the demands on school leadership adaptability, school divisions are being challenged to change professional development practices from one day sitting and to provide learning that has staying power. Organizations are under pressure to increase performance. Due to budget constraints, professional learning resources are not inexhaustible. Therefore, learning models need to have a clear vision and mission, with creative solutions to common problems.

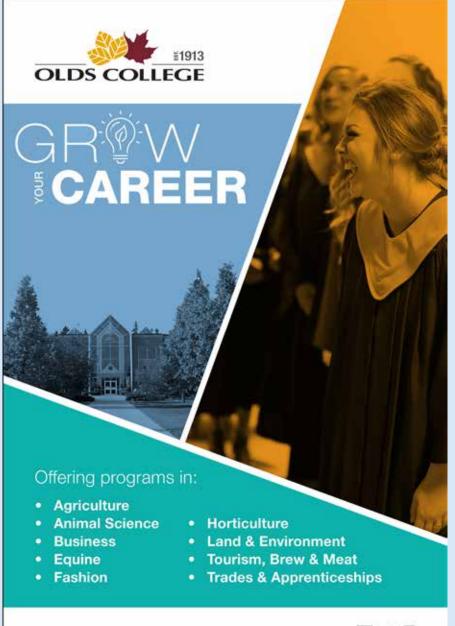
These solutions will look different in every context but a successful leader promotes and facilitates meaningful professional development for teachers and support staff. Through giving administrators a sense of accountability and efficacy, they can grow and they can help their colleagues to grow. Educational leaders need to see themselves as the biggest part of a solution if a positive learning culture can be created. When administrators go to professional development opportunities, the growth stops with them if it is not shared with the leadership team.

Creating a culture of leading learners is essential to recoil the stagnation of teacher growth. With the growing demands of the Teaching Quality Standard and the Leadership Quality Standard, stagnation is not an option. School district leaders need to be adaptable and creative, but also need to create a foundation that is a stable environment for staff learning. The district learning culture must be driven first by the formal leaders, second by the informal leaders and finally by all leadership staff. This approach to creating a strong learning culture on a district leadership staff will be successful if there is a process in place to hold each staff member accountable to learning and growth.

It is important to understand that a lack of quality leadership in schools will stunt the growth of teachers. Administrators need to identify and support leadership in schools in order for a successful leadership for learning culture to be created. If principals cannot trust their staff to learn and grow on their own, the culture issues are deeper than professional development plans and capacity building. Administrators must trust their staff in order for their staff to trust them.

Administrators can create a successful culture of leadership for learning working with their staff. It takes a diverse team to meet the needs of a diverse staff and student population. Seeing potential in other people is one of the most important leadership qualities an administrator can have. Creating an environment of positive pressure is the cornerstone of building capacity. Being acknowledged as having a special skillset and receiving an offer of an informal leadership role in a school, can be empowering and ultimately will benefit children and the education system.

David Griffin is currently a vice principal in a rural school with Red Deer Catholic Regional Schools. David completed the Division leadership development program along with his M.Ed. one year ago. Paul Stewart is a retired Associate Superintendent with Red Deer Catholic Schools and is an instructor with City University of Seattle.



Experience more: oldscollege.ca

f 🔰 🖸

n J.R.R. Tolkien's *The Lord of the Rings*, Middle Earth stands in jeopardy because members of the "fellowship" can't stop bickering over ownership and hierarchy. In fact, the journey to destroy the Ring of Power would never have begun were it not for a small Hobbit, who interjects amongst all the infighting: "I'll take it."

One by one, men, elves and dwarves fall silent. They see themselves as the leaders, the powerful, the knowers of things. In charge. And, yet, a three-foot Hobbit has said simply, "I'll do it." What makes this small creature step forward to shoulder this burden, knowing that doing so will almost certainly be fatal?

Servant leadership.

Indeed, if we applied Lao Tzu's rubric from the *Tao Te Ching*, Frodo Baggins would be the "highest type of ruler"—"one of whose existence the people are barely aware."¹

Servant leadership requires no rank, no positional power and no credit. Servant

leadership has no agenda other than harnessing peak performance through service...and forms the heart of leadership coaching.

Five years ago, our district had a different view of coaching than it has today. Then, the consensus was that coaching is directive, advice-giving and expertise-based. In other words, someone who is an expert gives advice to someone who is deemed "not an expert" and that's coaching. Don't get me wrong; the intention is always to support the learning and growth of aspiring and new leaders. But the traditional mentorship method is grounded in the expert/apprentice model, which is where many organizations are comfortable to live.

As Thomas Crane outlines in his book *The Heart of Coaching*, traditional hierarchical management creates an environment in which "people learn to wait for 'The Boss' to tell them what to do. In the worst situations, they degenerate into a state of 'learned helplessness,' allowing small problems to reach critical proportions because no one has given them orders. People learn to delegate up."^2 $\ensuremath{\mathsf{}}$

While Crane's picture may be overly grim, one can argue that the expert/apprentice dynamic can create an ongoing dependence in which one person (the apprentice) always asks the questions and the other person (the mentor/expert) always provides the answers. The mentor/expert benefits by having their expertise confirmed and the apprentice benefits by seeming to solve problems quickly and easily.

But this dependence actually undermines the apprentice's learning and ties the mentor/ expert to the role of answer vending machine indefinitely. There is little chance of either moving forward from the dynamic without an intentional paradigm shift in which the mentor/expert is willing to exchange their expertise for curiosity and the apprentice is willing to look to themselves as a source of knowledge, ingenuity and wisdom.

The Emergence of Coaching from Servant Leadership

By Darrel Robertson, B.P.E., B.Ed., MBA, Edmonton Public Schools From Crane again: "A paradigm shift is a big change—a surprising, abrupt, unprecedented, revolutionary, rule-alerting change.... The business world is in the midst of just such a paradigm shift....The rules have changed. The processes that people previously used to achieve their objectives are no longer valid, and the traditional roles and hierarchical working relationships are no longer effective."³

Leadership coaching asks the coach to abandon their role as expert, as mentor, even as supervisor, and stand in service to the person facing a question or challenge. In fact, as though channeling Lao Tzu, coaching asks that the coach's existence in the conversation be barely noticed. None of this is as easy as it sounds.

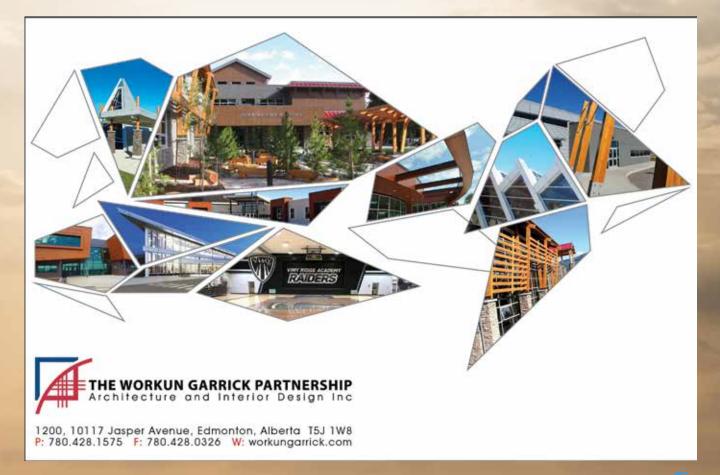
Leaders can be very attached to their expertise and knowledge. It's expertise and knowledge that helped us become leaders, after all! Yet, what we know as educators and from neuroscience is that the brain is most engaged and active when it is discovering for itself rather than when it is having data poured into it. In fact, the study of neuroplasticity has shown that learning and discovery actually create physical changes in the brain. The study notes, "From the micro changes in neural pathways right up to the macro effects typically accompanying a brain injury we are now convinced that the brain can physically change. This fundamental process is at the heart of most of the work that coaches do with their clients. In fact, we believe that coaching facilitates 'self-directed neuroplasticity.'...It underpins the basis of change work.⁴

True leadership coaching places the coach in a service role where he or she is no longer expert in a subject matter (though the coach may well indeed be) and only "the expert of the coaching process."⁵ Conversely, the "coachee" is challenged to uncover and synthesize information often lying just underneath their consciousness. Questions asked by the coach not only help surface that information, but also facilitate the coachee putting the information to use in ways that make sense for them.

Little did we know five years ago how hungry our district leaders would be not just for coaching, but to step more fully in their roles as servant leaders by honing their coaching skills. It started modestly. Our Chief Communications Officer, who also happens to be a Royal Roads University Certified Executive Coach, was asked by our Leadership Development Framework team to offer a half day introduction to coaching to a group of principals. One day, one time. But there was a desire to know more, learn more about coaching and its potential for empowering staff to access the expertise and knowledge they already possessed. The sessions were called "Holding People Capable," and it's exactly what we were learning to do.

At their request, that first principal group turned itself into a cohort that met several more times for additional instruction. From there, our Leadership Development Framework began offering sections to current and aspiring leaders in our district. Again, the initial goal was to provide an introduction to coaching, but people wanted more.

It was clear we were tapping into something so vital and necessary; supporting the learning and growth of others through a journey they've charted for themselves and that the coach has facilitated through questions and observations. Leaders could see the power of moving from "Let me tell you what to do." to "What's your next step?" It was a paradigm shift.



Before long, we had multiple cohorts running. Some principals and other leaders accessed the District's Professional Learning program and received their Certified Executive Coach designations from Royal Roads. Together with an external coach facilitator, they now help lead coach training to staff across the district. In four years, more than 300 staff have received training with no signs of interest waning. The sessions are consistently among the most highly rated within the Leadership Develop Framework offerings with staff feeling that the training has immediately changed how they view leadership and how they interact with staff, colleagues and even their families.

As one participant commented on an evaluation: This series redirected how I approach my interactions with staff. Rather than jumping in with the answer, I am slowing down....asking questions and listening. It may seem like a small shift, but a significant shift when I think about the possibility of using my role in my building to build capacity in others.

Another participant commented that coach training resulted in their focusing "less on being the source of knowledge and answers

ALBERTA ROOFING CONTRACTORS ASSOCIATION



BACK BY POPULAR DEMAND!

ARCA ROOFERAMA Wed Nov 21 2018 8:30 AM – 12:30 PM 2380 Pegasus Road NE Calgary, AB T2E 8G8

Register via Email: info@arcaonline.ca

18

ROOFING EDUCATION Free for CASS Members!

Join architects, specifiers, building owners, inspectors, and roofing contractors in an open table talk forum to learn from 11 ARCA roofing manufacturers.



www.arcaonline.ca



and more on being the source of capability and empowerment."

Leadership coaching is a transformative tool, one of many tools servant leaders would be well advised to master. And, like any tool, there are times it's just the thing and times it's not appropriate at all. But once you have this tool, you'll never be the same kind of leader again.

Our district leaders have recounted the transformational experiences they've had during and because of this training. Isn't this what all learning should do; move you from the place you were to someplace different? Shouldn't learning be so profound that you're aware your new knowledge has shaken your cognitive foundations? That's what coach training has done in our district. It has deepened our understanding of and belief in what it means to stand in service to each other as leaders. It has reinforced the fact that, to build capacity in others, you actually have *to build capacity in others*.

Building capacity demands we hold people capable to harness their own knowledge, abilities and experience to grow, learn and thrive.

Darrel Robertson is the Superintendent of Schools for Edmonton Public Schools. He holds an MBA from Cape Breton University, and Bachelor of Education and Bachelor of Physical Education degrees from the University of Alberta.

References

- Lao Tzu. *Tao Te Ching*. trans. John C. H. Wu (2006). Boston, Massachusetts: Shambhala. 35.
- Crane, Thomas. (2010). The Heart of Coaching: Using Transformational Coaching to Create a High Performance Coaching Culture. 3rd ed, San Diego, California: FTA Press. 26.
- 3. Crane, Thomas. (2010). 17-18.
- Brann, Amy. (2017). Neuroscience for Coaches: How to Use the Latest Insights for the Benefit of Your Clients. 2nd ed., London, UK: Kogan Page Ltd. 90-91.
- Heinz, Chris. (December 5, 2017).
 Ways Coaching is Different Than Mentoring. Retrieved from www.munyay.com/blog/5-ways-coaching-is-different-than-mentoring.

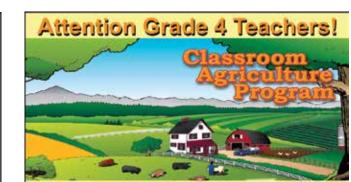
Fall 2018 • The CASS Connection



FROM OUR Wellness Champions TO YOURS

> Enhance employee wellness leaders to meet the wellness

contact health@asebp.ca



Supporting your health journey.

Register for a FREE one hour presentation on agriculture.

CAP is an in-class presentation that complements the grade four curriculum.

Students will learn about:

* The food they eat and where it comes from * Opportunities in agriculture

* The economic and environmental impact of agriculture

Our presentations are delivered by volunteers in the agricultural industry.

Presentations will occur in the Spring of 2019. Registration deadline is December 21, 2018. Register online at www.classroomagriculture.com.



Programs are offered based on volunteer availability. All classes registered before the deadline will receive activity booklets and a teacher's resource kit. Over 23,000 students enjoyed the program last year.

CAP is endorsed by the Ministers of Education, Agriculture and Forestry.



Individual & Group Travel Programs within Canada & abroad www.nacelcanada.org 1-800-661-6223

Comfort Inn & Suites



10425 100 Avenue NW Edmonton, Alberta T5J 0A3 Office: (780) 423-5611 Fax: (780) 425-9791 Toll Free: 1-888-384-6835 email: fd@comfortinnedmonton.com www.comfortinnedmonton.com



The College of Alberta School Superintendents



Placing System Learning at the Heart of System Leadership

By Kurtis Leinweber, Foundations for the Future Charter Academy, Dr. David Townsend, Alberta, British Columbia and Australia, and Dr. Marilyn Chaseling, Southern Cross University, Australia



FFCA high school administration with the freshman students at their orientation.

Academy (FFCA) serves 3,500 kindergarten to Grade 12 students in seven campuses; four elementary campuses feeding two middle campuses, which in turn feed one high school. As Alberta's 43rd largest school division by student population, we strive culturally to be "one school."

Like other jurisdictions, we have our challenges. Our inaugural high school's Fraser Institute rating (2005) was 4.4/10—that put us at number 221 in the province! Our student demographics have shifted significantly too. Now, 32 per cent of our high school population is coded English as a Second Language (ESL). Also, we have seen a sharp increase in the number of students requiring specialized learning and socialemotional supports.

Yet, in the face of these challenges, we have managed 12 years of continuous improvement. While we recognize the limitations of the Fraser rating system, our 9.2/10 rating in 2017 is one indicator of our growth.

This article describes how some of our current system's leadership structures, methods and processes help us build current and future leadership capacity. To achieve effective system leadership, we:

- Use an all-campus leadership council for system decision-making;
- View key system-leadership roles as fluid, and

 Follow a collaborative-inquiry learning methodology that supports a regular, focused process of generative-dialogue conversations.

These place the leadership of learning at the heart of our system leadership work.

Commitment to collaboration

At FFCA, we are committed to a culture of collaboration and distributed leadership—everyone is responsible, in some way, for the education of every student. Structures and processes are in place to support this culture. It is sought during staff recruitment and developed through our work in teams throughout our jurisdiction.

Formal leaders actively seek and embrace the contributions of staff at all levels when decisions are to be made, and staff value the importance of frequent communication and collaboration as they learn together.

Leadership-of-learning site visits

At the heart of our learning culture is a collaborative inquiry methodology using generative dialogue as the conversational process for "how" we learn and work together. Three years ago, our senior leadership began monthly visits of 60 to 90 minutes to meet with the leadership team of each of our seven campuses—a total commitment of two days per month. Each visiting team is made up of the superintendent, deputy superintendent a university researcher, and at least one system coordinator, principal or associate principal from another campus.

Our Coordinator of Instruction described these visits as "a means for bringing us together, allowing us to know what is happening in campuses, what they're trying to investigate and to learn, and how we can support this." Monthly visits provide opportunities for personal contact, reflection, advice, support and celebration among all our educational leaders.

Generative dialogue

Each campus leadership team uses a professional growth plan and the collaborative-inquiry process of seeking answers to guiding questions, to guide and inform their professional practice, and determine the extent to which they are achieving their goals. In each meeting, external team members respectfully solicit answers to the questions which form the foundation of the *generative dialogue* conversation:

- What have you done since our last visit, specific to your team or individual goals?
- 2. What have you learned from your efforts?
- 3. What evidence do you have which informs your learning or what data would you like to share?
- 4. What will you do between now and our next meeting, specific to your goals?
- 5. What support do you want or need from the district or from other sources?

In these meetings, the emphasis is on listening carefully, appreciating the work of others, valuing the evidence of practice, and constantly exploring more effective ways to promote the learning of adults and students alike.

As staff teams within campuses have become more successful in their own learning initiatives, they have been increasingly invited to share their work with the visiting team. This further enhances the celebratory and relationship-building dimensions of the process. Campus leaders and teacher teams have shown growing appreciation for the richer structures and processes. These have given them more voice and validation. Team meetings are increasingly characterized by openness, sharing, thoughtfulness and a focus on evidence.

The central office team – fluid partners in learning

The relationship between system and campus leadership plays an important role in enhancing the collaborative culture at FFCA. Our central office educational leadership team consists of four team members of which two are seconded from campus leadership positions (principals or associates) for a three-year period. These positions are referred to as "coordinators"—an intentionally non-hierarchical term. They are process, not decision, focused, playing a distinct role in coordinating and facilitating the learning and work of campus and system leadership teams. This egalitarian structure helps promote collaboration amongst system and campus leadership.

The fluidity of personnel through the coordinator roles also does this. A principal who previously served as a coordinator described the experience as having, "equipped me with a deep understanding of why and how things work, making me more committed and better able to connect the work of our campus to the common system vision."

Also contributing to the collaborative learning culture is the role of modeling by central office personnel. As with campus teams, the central office team is visited monthly for conversations by the university researcher and a group of campus administrators. These visits allow campus leaders to gain insight into the goals, guiding questions,

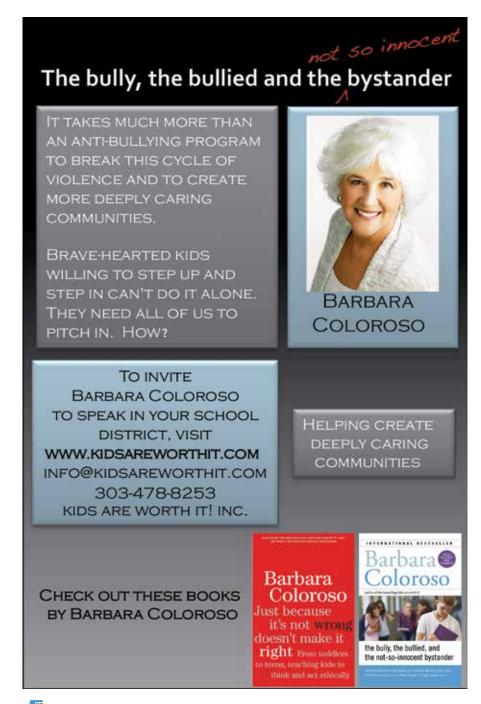


strategies and measures of success on which the central office team is working. This transparency helps build trusting relationships between system and campus leadership, which is further supported by our process for system decision making.

System decision making by an allcampus council

An established framework provides guidance for how system decisions are made. As previously stated, system coordinators do not have authority over campus leaders. Moreover, rarely do the superintendent or deputy superintendent make unilateral decisions. A campus principal described our superintendent's work as "being excellent at asking questions, wondering and working through things with us. We never feel he's telling us what to do. He's just right there with us figuring it out."

Our Admin Council, comprised of all campus and central office administrators, follow a process of consensus building for issues of policy or practice that impact multiple or all campuses. Building consensus



takes time with difficult decisions requiring many conversations. Nevertheless, grounding the dialogue in our guiding principles enables us to come to consensus on most issues. Even when we don't, we each learn from the different perspectives amongst us. So, on those rare occasions when the superintendent or deputy is required to make the final call, greater commitment to those decisions ensues.

Promising outcomes

By engaging in the aforementioned structures and processes, we are learning what best improves our system leadership at all levels:

- Operating as a non-authoritarian organization (as much as possible) with a fairly flat leadership structure takes time, but builds coherence, commitment and capacity.
- Seconding central office leaders, for limited terms, from a group of experienced campus leaders provides legitimacy, supports internal continuity, and builds capacity.
- 3. Engaging in continuous leadership-oflearning through regular collaborative inquiry and generative dialogue ensures that all team members have a public and active commitment to their own professional growth. Moreover, it contributes directly to enhanced trust and respect across the system.

In the words of our superintendent, "collaborative learning is a key part of our organizational fabric through which we prepare our current and future teams to lead together."

Kurtis Leinweber is the Deputy Superintendent at Foundations for the Future Charter Academy, where he has served in various leadership roles for 21 years. FFCA is a public charter school located in Calgary, Alberta.

Since retiring from the University of Lethbridge's Faculty of Education in 2014, David Townsend has continued his involvement in leadership initiatives with schools in Alberta, British Columbia and Australia.

Marilyn Chaseling is an academic at Southern Cross University, Australia. Her research interests include school improvement initiatives in both Australia and Canada.



"Kids These Days" are the Least of Our Concerns



The Connection Works Project: A Network for Educator Wellness for System Leaders

By Darlene Ferris, M.Ed., Wild Rose School Division, and Dr. Jody Carrington, Clinical Psychologist

ne of the most prominent concerns of many school divisions across our country is the mental health of students; the Canadian Association of School Superintendents (CASSA) has identified school-based mental health as national priority. There has been acknowledgement, however, that the language and protocols on how best to approach mental health concerns have been far from universal, often leaving system leaders feeling ill prepared.

After walking through some significant crises together, namely the death of three sisters in a small farming community, a Wellness Director and a Psychologist started talking about how we need to do better. For students, yes. But perhaps even more critically, for staff. For those of you who do the holy work of holding our children every day.

When the hard stuff happens and the difficult students come, we need to look after you, first.

This is why we have spent so much time with different divisions across this province talking about how to lead our staff in a way won't just hold our most worrisome students "at bay," but will prevent further concerns.

Philosopher Cornel West said, "You can't lead the people if you don't love the people. You can't save the people if you don't serve the people." These words have become our guiding light as we continue to work with divisions across this country, which has led to the development of The Connection Works Project: A Network for Educator Wellness.

Here is what we believe to be true unless you put the people who you lead first, you will have few dedicated followers who will be able to manage anyone well. We must lead our staff so they are better able to serve our students. Here is also what we know to be true—unless you lead staff first, they will not be able to deliver for your students. Your students don't stand a chance unless your staff are ok.





Reagan Weeks (Assistant Superintendent of Prairie Rose School Division), Paul Corrigan (Assistant Superintendent Faith and Wellness, Elk Island Catholic), Darlene Ferris (Director of Wellness, Wild Rose School Division) and Dr. Jody Carrington (Registered Clinical Psychologist), discussing the importance of making staff wellness a priority at the Provincial Rural Education Conference in March 2018.

Dr. Carrington and panel were also invited to speak at the National Rural Education Conference in Saskatoon later that same month.

We have incorrectly assumed, it seems, that by identifying the "problem" kids and making a plan on how to deal with them, we will be addressing the ever-growing concerns of student mental health, including our most significant worry, the identification and prevention of potential school shooters. The logical answer would be to provide more resources for students, more programs that teach them how to cope, more technology that allows for "optimal learning." Here's the deal, though; when it comes to mental health concerns, relationship matters more than anything.

You can have the best programs and all the technology in the world but if the people you are guiding to deliver these programs and resources to kids are not a priority, they will not be in a place to assist those children in making sense of all those resources. Who we are leading within the system are the educators themselves. They are the ones who, if equipped with the right language, and who, if they feel appreciated, will be much better able to continue to do this hard and holy work of walking with our students who have the most significant struggles.

The truth is, if we do not start focussing on those who hold our children for 950 hours every single year, the kids don't stand a chance.

And what about "kids these days?" As West says, you can't save "the people," (i.e., the children), if we do not have a method to serve them well. See, despite many programs available to "serve the children," "kids these days" have never felt so unheard. So unheard that they are taking desperate measures. Even to the point of threatening to shoot us. And we are still not listening. Focusing our efforts on students is not the answer.

So, what is the answer? It appears that what we need is an infrastructure that supports staff. First. And one that provides them with a language to better understand and "serve" the children. Because the truth is, we are wired to do hard things. Your educators, E.A.s, bus drivers, librarians and custodians, are designed to do hard things, including helping the toughest kids make it through their struggles the best way possible. But we can only do those hard things most effectively when we remember this-we are wired for connection. Even at the divisional level. Connecting divisions across each respective province, who speak a common language, to become sources of support during times of crisis, seems a logical direction, given we are all serving children facing many of the same challenges. Working in isolation on universal challenges is a misappropriation of resources, talent and time.

The Connection Works Network in this province now consists of four amazing divisions, with several more in the consultation phases. These original four now speak a common language, have resources available to each other in times of crises and have each completed three unique steps.

First, each division in the Network have staff who share a common language around relationships, trauma, grief and compassion fatigue. It was imperative from our perspective that staff from every walk of the division (including bus drivers, custodians, administrative assistants and librarians, before and after school care providers, along with teachers and E.A.s) be provided with a relationship-based, trauma informed platform from which to understand, assess and treat children. Where possible, community partners have also taken part in these professional development days. In each of those divisions, we have also developed and hosted parenting evenings where we talk about relationship and connection, using the same language that school divisions now speak.

Secondly, those four divisions established a clear understanding of their Wellness Teams, clarifying the roles of the clinical team leads and supervisors, as well as the counsellors, coaches, and/or therapists who work directly with the children and the family. See, we believe that if mental health is a national priority, establishing clarity and creating an expertise within the clinical team of each division can then provide a sustainable guiding force as divisions move forward.

"Mental health" will never be a problem we will solve. It will require an ever-ready infrastructure of individuals who understand trauma and relationships, and who can act as the conduit to share the stories of the toughest kids with those who need to hear it the most. Thus, we have developed a threeday workshop for Wellness Teams, to once again create a common language amongst divisions who are networked together. Each of those Wellness Teams have completed a three-day workshop designed to walk clinical teams through a trauma-informed assessment process.

The "stories" of the most difficult kids can then be delivered to the people who need to know about them most, everyday (often including the bus driver, the administrative assistant, their EA, and/or their teacher). The identified "village" of each

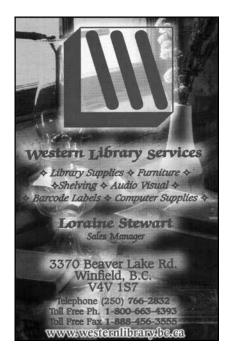


child becomes responsible for carrying out the respective treatment plans. Relationship and connection are the cornerstone of this model, and because relationship knows no hierarchy, having all people involved with the child-understanding their story-has allowed these divisions to "serve the children" in a much more empathic and comprehensive way.

It has also served to ease the burden of having one or two staff responsible for the "tough ones," thus increasing staff efficacy across the board. In the two most recent divisions involved in this process, and in our future work, we will formally measure changes in staff efficacy, which has become an important component in enhancing quality system leadership.

Finally, these divisions now have a Network status and are available to each other in times of need. Over our many years of working with school districts, it is far too common that significant tragedy will hit. We know that when the unthinkable happens, like three sweet sisters dying in a farming accident or when a horrific bus accident occurs, it is difficult to care for our own. Even the best forget everything they know to be true when it's their own staff or their own students who are affected.

Within our province, once the initial onetime training process has been completed by your division, you have access to all other



divisions in the Network. This Network will be connected via a yearly required conference that will maintain each division's Network status. New staff to your division will have access to training options on a yearly basis.

We are creating a shift in culture that we feel is necessary. It is time, dear ones, that we start to look after you as leaders, so you can look after our most precious resourceyour staff. Divisions across this country, and most recently the United States, are looking to this innovative approach that we are embarking on here in Alberta. We would love you to join us in this process. If you would like to inquire about how becoming part of the Network might benefit your division, we would love to hear from you.

Carry on amazing ones. You are doing the most important work on our planet.

Darlene Ferris, M.Ed., is the Director of Wellness for Wild Rose School Division. Dr. Jody Carrington is a Registered Clinical Psychologist from Olds, Alberta. Please contact Darlene Ferris at darlene.ferris@wrsd.ca or Dr. Jody Carrington at jody@drjodycarrington.com.



www.kauben.com @kaubenfarms

The College of Alberta School Superintendents

Mentorship: An Effective Model in a Small School

By Teresa Di Ninno, CEGEP, B.A., B.Ed., M.A., and Jeney Gordon, B.F.A., B.Ed., CAPE Public Charter School

Collaborative projects allow skills, talents and aptitudes to emerge.

Skills, talents and aptitudes are identified and mentorships are established.

Mentorship provides opportunities and supports for candidates to develop administrative skillset; best candidates emerge.

Openings in administration are filled and supported through ongoing mentorship relationships, creating increased skills and efficacy, satisfaction, and low staff turnover. xplaining the structure of our charter school to parents in Medicine Hat often involves the phrase "a jurisdiction of one," meaning the jurisdiction has one school site, a Board of Directors, a Superintendent, a Secretary-Treasurer, and site administration consisting of one Principal, a Vice-Principal and a Director of Student Services.

Since charter schools are publicly funded on a per-student basis, as are other public schools, total funding is based on enrolment. In our charter school low enrolment, due mainly to capped class sizes, results in limited funds. As a result, our school often lacks resources for the identification, development, mentorship and support of system leaders. From its inception in 1995, CAPE has adopted a collaborative model of decision making at every level. Because of the belief that the school, parents and community working together in support of student learning is the optimal structure to meeting



student needs, a horizontal model of governance was—and continues to be—the preferred model. This horizontal model is used throughout the various organizational levels and is based on collaboration.

Within the collaborative model, people work together for various endeavours. Administration seeks to identify skills, talents and aptitudes within the teaching staff. The specific individual skills, talents and aptitudes become apparent through these collaborative working relationships. Strengths are then fostered through mentorship by peers or by administration. Developing individual strengths also requires a personalized model. Although mentorship was the preferred model and informal evidence suggested that this was an effective model for our organization, research data was needed to support what we believed. As a result, our school principal, Jeney Gordon, worked with Dr. Sharon Allen of the Medicine Hat College on a three-year study on mentorship. This effort yielded some very powerful and useful information.

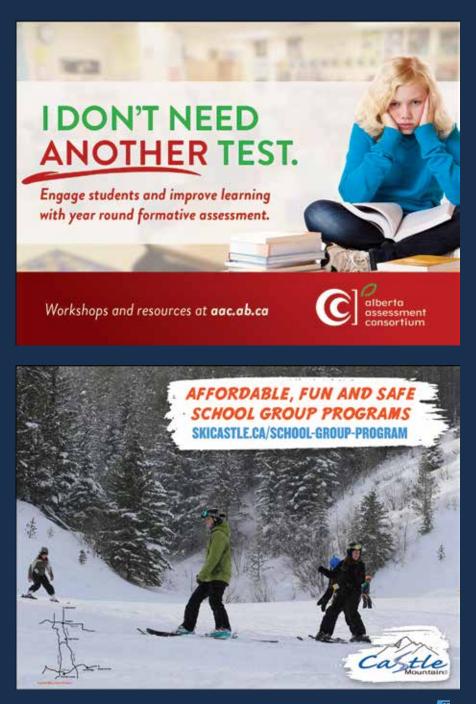
While a plethora of research speaks to a multitude of vehicles used for professional development, much less research addresses the need for individualized teacher development and professional development programs, as noted by Clarke & Hollingsworth, 2002; Zwart, Wobbles, Bergen & Bolhuis, 2007, as cited by Hilton et al., 2015. Furthermore, Clarke and Hollingsworth agreed that many models of professional development have failed to take into account individual learner variables and what is required for these individuals to change or improve practice.

Mentorship is personalized. It allows for the protégé to have an active role in the learning. Specific, learning-focused feedback is provided. Topics of discussion, pacing, timing and directions for action can all be individualized for the individual protégé.

Mentorship involves the accumulation of skills to develop job satisfaction and personal satisfaction. Unlike coaching, which focuses on skill competencies alone, mentorship acknowledges the satisfaction that comes from being cognizant of one's development and working towards a goal to gain a greater feeling of self. Mentorship offers both cognitive and affective benefits. Mentors offer cognitive expertise as they are knowledgeable peers. There are also social and emotional benefits offered by mentorship that group models cannot support. As a relationship builds between mentor and protégé, there is an increase in trust, safety and risk-taking as the social and emotional support are present.

Mentorship is reciprocal in nature. Unlike top-down or lecture-type strategies, mentorship has the capacity to exchange learning between the individuals in the relationships. As relationships build and learning becomes a group process, the human capital of the organization increases and thus continues to support the organization.

One of the four main conclusions of this study is that the effectiveness of the mentorship relationship was firmly based in trust (Landsberg, 2015). The development of trust comes from working collaboratively and repeatedly with a group of peers. Being a small jurisdiction has been viewed as an asset in the development of relationships, and therefore a support for building effective



27

and long-lasting mentorship relationships. J. Gordon's findings clearly indicate that, in our setting, mentorship is indeed a suitable vehicle for the identification, development, mentoring and support of skilled and confident schoolbased leaders as part of succession planning.

The mentorship process began informally with the support of Dr. Robert Lowry in the summer of 1997. Under his guidance, the then-principal, Teresa Di Ninno, gained the expertise and knowledge needed for the principalship and developed the confidence to effectively manage a fledgling charter school. Under his tutelage and guidance, the principal developed relationships with Ministry, other charter schools and other jurisdictions; gaining knowledge of the system as a whole and how it operates.

Just as importantly, she developed the skills necessary to work productively with teachers, support staff, parents and community. This led to the eventual move from principalship into superintendency. The investment of time over a number of years is what Mrs. Di Ninno, the current superintendent, credits as being the reason she



PLAYSAFE: Don't Let It Happen to You



28

In The War Amps new "kids-to-kids" safety video, Adam and Rebecca lead viewers on a SAFETY WALK[™] to help them spot the dangers in their neighbourhoods. Along the way, they introduce stories from other young amputees who, like them, have lost limbs in accidents. Together, they deliver the hard-hitting but positive PLAYSAFE message.

This valuable resource for educators can be viewed at waramps.ca/playsafe

The War Amps

effectively and confidently serves in administration today.

The value of invested relationships was then repeated when CAPE needed to fill the principalship position. For a number of years, Mrs. Di Ninno provided opportunities, guidance and input for various administrative tasks that required competency and confidence. This process started with minimal requests of the proteges and evolved into larger and more varied requests so that the competency and efficacy of the candidates became increasingly apparent. Scheduling, supporting colleagues in parent meetings, writing IPPs and co-planning were only a few of the possible opportunities presented to proteges.

As competencies emerged, opportunities were tailored to suit the skillset of the individuals. While some teachers showed interest and aptitude, others did not. The candidates that showed promise and interest were then mentored further and assumed larger responsibilities, allowing successful candidates for administration to be identified. This process eventually led to J. Gordon assuming the principalship of CAPE Public Charter School in the fall of 2006.

Similarly, the person who serves as viceprincipal was identified and mentored. Parent meetings, record keeping, tiered planning and applying the discipline policy allowed skills to be practiced and refined before a suitable candidate was identified. The mentoring relationships for all three of CAPE's administrators have remained intact for the continuous development of administrative skills and efficacy.

The Board of Directors has supported the identification and mentoring process philosophically and also in tangible ways. As CAPE grew and required the services of a counsellor and academic assessor, the Board financially supported one of the teachers in her desire to acquire a Masters of Counselling. While she was doing the coursework, the administration manipulated and adjusted the timetable and workload so that their colleague could attend courses, complete practica and still support her family. Afterward, she continued her studies in her area of interest, student assessment and program supports. As a result of this identification, mentorship and support, CAPE school now

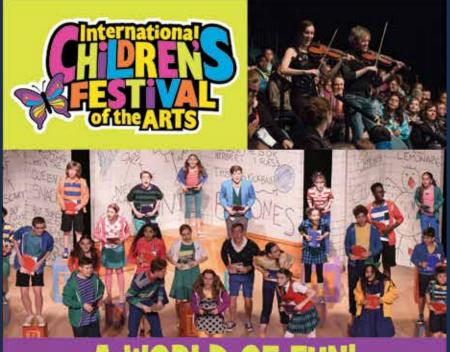
has a full-time Director of Student Services who is recognized as a registered chartered psychologist and conducts all levels of assessments at no cost to families.

Collaborative leadership identification and mentorship has also encouraged staff development to higher levels of education. In early 2000, the school hired an educational assistant with a unique skillset in an attempt to support a student with very specific needs. For the following two years, the then principal, Mrs. Di Ninno, worked closely with this assistant. She then acquired teaching credentials and returned to CAPE as a full-time teacher. As the relationship developed even further, the teacher expressed interest in seeking a Masters in Education, which again the Board supported. While the financial and logistical support of this individual as she worked full time while attending university in another city was an ambitious endeavour, it culminated in the school having in-house expertise in student assessment and neurological disorders.

The process has also resulted in the establishment of mentor teachers, lead teachers and the development of expertise within our building. It must also be noted that this same process has been utilized with support staff and has resulted in an excellent executive assistant, to mention only one example. As the school continues to grow, this cyclical process of identification, mentorship and support continues. In CAPE's experience, a collaborative, horizontal model of leadership has provided effective in creating skilled and confident school-based leaders with the ultimate goal of supporting our very varied student population.

Teresa Di Ninno, CEGEP, B.A., B.Ed., M.A., is an alumnus of McGill University and the University of Toronto. Teresa began her teaching carrier in Alberta in 1980. She is also the founder, past principal and current superintendent of CAPE Public Charter School in Medicine Hat, Alberta.

Jeney Gordon, B.F.A., B.Ed., Diploma of Vis. Com., is an alumnus of the University of Lethbridge. She was born and raised in Medicine Hat. She started her teaching career at CAPE in 1995 and spent all but three of those years teaching there. Jeney has been the principal of CAPE Public Charter School for the 13 years.



0 Educational experiences at your doorstep.

MAY 28 - JUNE 2, 2019 ST. ALBERT, ALBERTA

Experience a whole day of curriculum connected learning from around the world through feature performances and interactive activities.



Wchildfest.com

GRADES:

starting at

Growing School Leaders Collaboratively



By Paul Stewart, Red Deer Catholic Regional Schools (retired), City University of Seattle, and Ryan Ledene, Red Deer Catholic Regional Schools

emands on teacher and administrator performance have grown rapidly in the past decade and continue to grow based on the increasing rate of change in our society and the educational field. Creating successful learning cultures among staff have been a focus area for many schools and school divisions, and many resources are being delegated towards this area.

Alberta Education, through the *Teach*ing Quality Standard (2018), requires teachers to be life-long learners and pursue professional growth. However, not all professional growth models are created equally among school divisions, and even among schools within the same division. The strategies and models for creating learning cultures includes Professional Learning Communities (PLCs), embedded weekly professional development and full day professional development models.

In response to the demands on teacher adaptability, schools and school districts are being challenged to change professional development practices from one-day, sit-and-get learning opportunities that have little staying power. Organizations are under pressure to increase performance and by holding divisionwide professional development days, it looks like they are moving forward. Taking this one step further, school district senior administrators then need to also look at how are they training future administrators and how do they find sessions that fit with provincial standards and district goals.

Until recently, administrators did not have specific government standards to guide development and growth. Yet administrators can have a positive impact on both school culture and teacher growth. Leadership for learning through school administration teams need guidance and support. This is where the *Leadership Quality Standard* (Alberta Education, 2018) comes in to support higher standards of leadership in school systems.

Cultures are influenced and can be built from within an organization. A school administrator can foster the successful growth of teachers through their leadership style and relationship building with their staff. Each context can find creative solutions and implement common core principles for creating a leadership for learning culture and promoting distributive leadership.

Unfortunately, it is often difficult for school districts to meet the learning needs due to size, location and accessibility of professional development opportunities. Due to budget and other constraints, professional learning resources are not inexhaustible and sometimes they are not available. Therefore, learning models need to have a clear vision and mission, with creative solutions to common problems. These solutions will look different in every context.



Zone 4 human resource and personnel senior administration staff have worked together over the past years and occasionally referred to themselves as the HR Gang. At Zone 4 CASS meetings, the cohort would share experience, expertise and inquiries, such as new teacher recruitment (especially French Immersion and CTS); and administrative procedures, such as in preparation for legalization of Cannabis, and collective agreement items. Some districts from the Zone also worked together and developed an evaluation tool for new teacher supervision and evaluation based on the Alberta Education TQS (1997).

Administrative procedures/policies/regulations related to the Alberta Education TQS (1997) and exemplars for leadership development were also developed and then adapted to fit specifics for each jurisdiction. For example, Red Deer Catholic Regional Schools (RDCRS) added a Faith exemplar/component as developed by provincial Catholic schools but also fit specifics for Red Deer Catholic schools. Rural districts with smaller or spread-out schools also added assessment exemplars that would be specific for their rural areas.

Districts in Zone 4 have their own process for recruiting their internal leadership candidates. Several Zone 4 CASS districts then took the collaboration a step further and have worked together for many years collaborating to develop leaders within their jurisdictions by working with partner districts; we call this the Aspiring Leaders program.

The Aspiring Leaders program is a collaborative effort by central Alberta Zone 4 school boards to develop leadership within their organizations. The future leadership candidates come together over a two-year span that have included six to eight sessions that are taken in conjunction with the Zone 4 group and then two to four sessions that are specific to each participating jurisdiction. Sessions are presented by CASS leaders and other presenters.

Through this process, future leaders are grown and current leaders share their knowledge and experiences. Professional development sessions during the Zone 4 meetings included courses such as "The Influencer," "Crucial Accountability," "5 Dysfunctions of a Team," and the Alberta Teacher's Association's "Teacher Growth, Supervision and Evaluation" workshop. Specific topics included sessions such as "The Story of Lester," in which a superintendent shared experiences working with a marginal teacher and helping this teacher to grow to acceptable levels or realize that teaching is not the career for them.

Working with the district budget process is a popular session for most districts, followed by hiring and interviewing new staff. Presenters included superintendents and associate superintendents from various Zone 4 school boards. Del Litke, former Superintendent of Foothills School Division, Kurt Sacher, Superintendent of Chinook's Edge School Division, and Paul Mason, Superintendent of the Red Deer Catholic Regional School Division, have been presenters who have shared their expertise in working with staff and helping future administrators develop skills they will need to become leaders in today's education system.

The district-specific sessions relate to each district's needs, policies and location. Current district issues and needs will result in a different focus. Each district will address their budgeting procedure, hiring policies, collective agreement items, education plans and results from provincial surveys and how this relates to school administrators and their future role as leaders in a school. Other differences, such as Red Deer Catholic Regional Schools being a Catholic division, will also result in specific professional development sessions that may not be applicable to public school districts. In the RDCRS cohort, senior administration presented on issues relevant to the school division. This included leading an authentically Catholic school and working within the centralized budgeting framework. It is also a requirement for Red Deer Catholic Aspiring Leaders to complete two Master's courses in theology or religious education.

By coming together as CASS leaders and with specific Zone 4 issues, working together has helped members share expertise and grow as leaders. Bringing aspiring leaders from the Zone together helps these future leaders to get a wider perspective and professional development that may not be possible from inside a single school district. Growing leaders and developing stronger teachers will help all our school districts meet the needs of students and families as we all strive to make a difference.

Paul Stewart is a retired Associate Superintendent with Red Deer Catholic Regional Schools and he helped develop the Zone 4 leadership program. Ryan Ledene is currently Associate Superintendent of Faith Development and Division Support with Red Deer Catholic Regional Schools. His portfolio includes the Aspiring Leaders program.

<image>

The College of Alberta School Superintendents

Healthy People, Healthy Workplace



The Alberta School Employee Benefit Plan (ASEBP) is a health and welfare trust governed by 10 Trustees. It offers a wide variety of health benefits and promotes programs that sustain healthy lifestyles and workplaces for over 60,000 covered members and their dependants in 58 school jurisdictions and 11 associations across the province. ASEBP is pleased to contribute a regular column in The CASS Connection.

The Integration of Wellness

By Kelli Littlechilds, ASEBP

ducation sector leaders face increasing challenges and pressures in today's fastpaced and ever-changing educational environments. These pressures can be both externally driven (e.g., sustainable funding, new legislation, increased and changing stakeholder expectations, etc.) and internally driven (e.g., attracting and retaining teachers and principals, succession planning, use of technology, etc.).

No matter the source, one constant is that school trustees and other stakeholders have come to depend on their system leaders to quickly adapt and make creative and appropriate decisions under pressure. While this can be exhilarating and rewarding, we also know that constant change and competing interests can affect our physical and mental well-being. That's why organizations and their leaders must work hard to demonstrate and promote wellness in the workplace while ensuring it doesn't add further complexity to their roles.

The integration of wellness into the fabric of our education system's organizational cultures is a goal ASEBP and CASS have been tackling for the past several years—both together and separately. From diving into the world of leadership resiliency to revamping services and supports, the end goal is to ensure Alberta's education sector leaders have ready access to tools that bolster wellness throughout all aspects of their workplaces and, ultimately, their lives.

Tackling Resilience

Tools: Resilience in Leadership Toolkit, Supporting Leader Wellness and Resilience through the ASEBP Benefit Plan **Access:** CASS Chief Superintendents Portal

In 2014, CASS and ASEBP came together to embark on the Resilience in Leadership (RiL) project to better understand resilience among CASS members and to develop new evidence-based initiatives to support them in enhancing and sustaining resiliency in their roles.

Through consultations with CASS members and a confidential and anonymous survey of this group (developed with Dr. Graham Lowe, organizational consultant and wellknown expert on work issues), we learned that Psychological Capital—includes states of optimism, confidence, hope and resilience contributed to a school district's performance and engagement among senior education system leaders. With this in hand, we created the *Resilience in Leadership Toolkit* and the *Supporting Leader Wellness and Resilience through the ASEBP Benefit Plan.*

The Toolkit includes a Facilitator Guidebook, presentation, discussion questions and a Resilience in Leadership (RiL) Roadmap, all aimed at supporting superintendents and other education sector leaders in communicating and raising awareness about the importance of the RiL survey findings. To help support uptake of the Toolkit, we held two half-day workshops for CASS members in the summer of 2017, along with multiple subsequent presentations to provide in-depth exploration of the Toolkit, foster discussion and reinforce the opportunity CASS members have to be powerful influencers of their own health and the health of the education system as a whole.

In addition to the Toolkit, we also created the *Supporting Leader Wellness and Resilience through the ASEBP Benefit Plan* resource to more effectively communicate how ASEBP benefits



can support CASS members on their health journey and where to get assistance to support their role as wellness and system leaders.

While our work with the RiL project is far from complete, what we've accomplished with CASS so far has helped to guide our efforts in this space and stay focused on building capacity and resilience as a means to enhance workplace wellness across the sector.

The Power of School Leadership

Tool: Funding support from the McConnell Foundation

Access: September 2018

Through our work together, we (CASS and ASEBP) understand the important role school leaders play in the integration of well-being at all levels of the educational environment. This learning is something we want to share with as many like-minded organizations as possible. So, when we were approached to participate in the McConnell Foundation's provincial and national consultations on education sector wellbeing, it was clear that this was a natural fit for both CASS and ASEBP.

As a result of these consultations, the McConnell Foundation has also recognized the power school leaders have as agents of change when it comes to system-wide wellness and has identified key areas of investment across Alberta to support education leaders in their efforts. To this end, as I'm sure you're aware, in September it was announced that CASS would receive funding from the Foundation for a new position to support wellness among system leaders.

The creation of this new position at CASS will help further efforts to integrate wellness into organizational priorities, structures, resources and, of course, the culture in the province's education sector.

Your Partners in Workplace Wellness

Tool: Workplace wellness liaisons Access: health@asebp.ca

The Health Promotion Services team at ASEBP is available to collaborate with education sector leaders across the province to help create a sustainable culture of wellness. By taking a broad look at long-term wellness support and capacity-building, ASEBP's team of workplace wellness liaisons work with education sector leaders to create effective wellness plans focused on the needs and interests of their employees, connecting them with community resources to help sustain their programs and efforts.

ASEBP's workplace wellness liaisons provide support with customized school jurisdiction health profiles and facilitated in-person sessions, promotion and strategies to assist teams in applying specific resources and tools like the Employee Family Assistance Program, The Sandbox and the Idea Readiness Tool—to their wellness initiatives. With these tools and the many others available through ASEBP and partners like CASS, we know we can move the needle of employee wellness at all levels of the education sector in the right direction. We hope you'll join us in our shared goal of making Alberta's education sector the healthiest it can be.

Kelli Littlechilds is the CEO of ASEBP and has more than 30 years in the health and benefits industry. As the leader of one of Alberta's Top 70 Employers for 2018, Kelli is a champion for personal and workplace well-being.





You come to us or we'll come to you! Presentations tailored to each age group include:

- Tails Are Not For Pulling
- Who We Are, What We Do
- · Become a Watch Dog
- Pet Care Seminars

Plus Lunch 'N' Learns for teachers!

More details at: edmontonhumanesociety.com



Plan your next field trip with us!

780-491-3504 education@edmontonhumanesociety.com



buyer's guide

ARCHITECTS Workun Garrick	COLLEGE/UNIVER Bow Valley College .
Partnership	
	CONSERVATION
ASSESSMENT TOOLS FOR	Alberta Hunter Educ
TEACHERS	Association
Alberta Assessment Consortium	7
	CREATING CARIN
ATTORNEYS	Kids Are Worth It
Brownlee LLP	
DLA Piper (Canada) LLP3	
McLennan Ross LLP 18	3 Solution Tree
BENEFIT PLAN	EDUCATIONAL P
Alberta School Employee	Classroom Agricultu
Benefit Plan	
	EDUCATIONAL R
BIG BROTHERS/BIG SISTERS	Accent Alberta
Boys & Girls Club Big Brothers	Battle River Watersh

boys & Giris	
Big Sisters.	21



a successive and a second	
Activity options include:	
Canoeing	-1
Rafting	
Interpretive Programs	- 1
 Rock Climbing 	- 1

in the heart of the Rockies

Specialists in Adventure

- · Hiking and Backpacking · Mountain Bike Touring
- · Wildemess First Aid
- · Swift Water Rescue, Rope Rescue Summer School Options
- · Corporate Retreats
- · Rental Equipment
- · Shuttle Service

· Instructor Certification Programs

Located in David Thompson Country, HeLa Ventures offers curriculum based adventure education programs and retreats school groups, clubs and staff retreats. Our staff are profession outdoor educators and are certified to lead all of our adventur activities. Equipment, meals, transportation and accommodat can be provided with any of our programs

HeLa

Phone: 403-845-4325 or 780-468-1492 Fax: 780-440-2295 helaventures@gmail.com Rental & Shuttle Service Available www.helaventures.co



Today's schools need vibrant staff including well-trained and knowledgeable educational assistants. Lakeland College's Educational Assistant program is available online in English and in French. We offer unique courses such as Animal Assisted Intervention; Sensory Development; Positive Behavior Supports; American Sign Language.

Lakeland College provides individual opportunities to develop the knowledge, skills and attitudes required to work effectively in school settings. For more information www.lakelandcollege.ca

Le programme d'aide-élève spécialisé du Collège Lakeland forme des éducateurs capables d'intervenir auprès des étudiants susceptibles de vivre des difficultés d'adaptation sur l'un ou l'autre de ces plans; physique, intellectuel, social, affectif ou comportemental.

C'est aussi un excellent moyen de parfaire vos connaissances si vous être déjà un aide-élève, ce en suivant des cours pour votre développement professionnel tel que: Introduction à la zoothérapie; Développement sensoriel; Gestion des comportements. Apprenez des stratégies liées à l'enseignement des langues.

Pour plus de renseignements www.lakelandcollege.ca

RSITY	EYES
	OPT
	Alber
I EDUCATION	

ducation Instructors

CREATING CARING COMMUNITIES	
Kids Are Worth It22	2

UBLISHINGIBC

L PROGRAMS ulture Program19

L RESOURCES

Accent Alberta		19
Battle River Watersh		
Alliance	 	

1	Learn about our Mountain Adventure School
	10 Alas
5	station

SAFE – ALBERTA ASSOCIATION OF OMETRISTS rta Association of Optometrists......8 EYE SEE...EYE LEARN - ALBERTA ASSOCIATION OF OPTOMETRISTS FESTIVAL AND EVENTS International Children's Festival of the Arts......29 FIELD TRIP Kayban Farms......25 FUNDRAISING HOTELS Comfort Inn Hotel & Suites Downtown Edmonton 19 HUMANE EDUCATION PROGRAM INDIVIDUAL AND GROUP TRAVEL PROGRAMS Nacel Canada 19 LIBRARY SUPPLIES AND FURNISHINGS Western Library Services25 MARINE LIFE EDUCATION West Edmonton Mall..... IFC MASTER AND DOCTORATE TEACHING PROGRAMS Werklund School of Education -University of Calgary......4 OUTDOOR ADVENTURE EDUCATION **POST-SECONDARY INSTITUTIONS PROFESSIONAL DEVELOPMENT PROFESSIONAL DEVELOPMENT PROVIDER/LEARNING DISABILITIES** Foothills Academy Society12 RECREATION **REGULATORY BODY** College & Association of Respiratory Therapists of Alberta25 **ROOFING ASSOCIATION** SCHOOL MILK PROGRAM Alberta Milk .. 8

SKI RESORT Castle Mountain Resort......27

STEM LEARNING RESOURCES	
Wonderville by Mind Fuel	OBC

TEACHER RESOURCES	
The War Amps	

THEATRE	
Citadel Theatre6	

UNIVERSITY

University of Alberta - Master of Education In Educational Studies 10





Edmonton, Alberta | April 24-26, 2019

How do you respond when students don't learn?

At our RTI at Work[™] Institutes, gain extensive access to internationally recognized experts who have successfully implemented RTI/MTSS in a variety of settings—often with limited personnel and resources.

Through interactive activities and engaging keynotes, you'll learn how to build a powerful, multitiered system of support that helps ensure every child reaches his or her full potential.

Target interventions to meet individual student needs.

ntervention

- Design master schedules that provide core instruction, interventions, and elective
 options for students at risk.
- Understand the critical components and implementation of a behavioral RTI system.

Featured experts





Austin Buffum

François Massé





Mike Mattos.

Presenters are subject to change.

REGISTER TODAY | SolutionTree.com/EdmontonRTI

Upcoming 2-Day Workshops

Assessing Critical Competencies

Vancouver, British Columbia | November 21–22 Featuring: Tom Schimmer

Focus on the ways in which assessment and reporting must be modernized to align with the goals of the new curriculum in British Columbia.

Future-Focused Learning: Ten Essential Shifts of Everyday Practice

Richmond, British Columbia | November 19–20 Featuring: Lee Watanabe-Crockett

Discover how to create innovative learning environments that promote critical and creative thinking, ethical action, and a deep understanding of our global culture.

Grading From the Inside Out

Toronto, Ontario | November 26-27 Featuring: Tom Schimmer

Discover how modernizing your grading practices can maximize the potential of each and every learner.

Making Sense of Mathematics for Teaching Grade K-Algebra 1

Toronto, Ontario | November 28–29 Featuring: Juli K. Dixon and Melissa Carli

Build a solid foundation of content knowledge for teaching mathematics, and then learn a proven process for extending that knowledge to your students.









Supplemental Resources Teachers Love

Wonderville is a multi-award winning blended-learning platform recognized for STEM (science, technology, engineering and math) excellence and aligned with curricula across North America. Serving educators for almost thirty years, Wonderville drives student engagement, saves teachers valuable time, and most importantly, helps students understand and appreciate the important world of science! Our interactive resources have encouraged millions of students around the world to embrace STEM learning, and they can do the same for your students!

With a Wonderville subscription, unlock our time-saving teacher tools, including:

- Unlimited access to STEM-learning games, videos and animations for your students to use anytime.
- An online community of educators sharing lessons and resources that you can save, edit and customize.
- · Ready-to-teach lessons and activities created by teachers for teachers.
- · Simple student and classroom account set-up and management.
- · And much, much more!

Look for our new entry-level subscription rates! Start with a free trial at: https://wonderville.org/teachers

"It is an engaging and user-friendly resource that has a wide variety of activities to supplement classroom instruction." *Colleen M, Teacher, Our Lady of Mount Carmel, Edmonton, Alberta*

"I like the games on Wonderville, they improve my thinking and feel like I learn more about science." *Grade* 7 student, Edmonton



Save the World: Alternative Energy

SAMPLE GAMES





Suite 260, 3512 33 St. NW Calgary, AB T2L 2A6 1-833-EDU-STEM (338-7836) wonderville@mindfuel.ca





Waste Avengers: Reuse, Reduce, Recycle