TOGETHER WELEARN





Central Okanagan
Public Schools

Together We Learn

www.sd23.bc.ca

CAPITAL NEWS



Students Interview NEW Board of Education

DIGITAL MEDIA SPECIALIST

PAGE 3

Language and Culture

PAGES 6 – 7

Innovative Learning Environments

PAGES 9 - 11

Presentations of Learning PAGES 14 - 15

Spring CAMPS!
Break CAMPS!

You won't want to miss these fun, active camps for kids ages 3–12 at the Kelowna Family YMCA, H₂O Adventure + Fitness Centre, and Mission Creek Alliance Church.



Registration opens December 10! 250-491-9622 | ymcaokanagan.ca

We offer financial assistance to those in need.

Charity Registration # 11924 0224 RR0001



Moyra Baxter, Chairperson, Board of Education

"Children should be seen and not heard." Then, this adage was adhered to by many. Now, we want to hear from children and encourage them to speak out. This doesn't mean that they shouldn't follow common practices for good manners, but there's nothing more rewarding than listening to a student, of any age, explain how they reached a conclusion.

One of the things I enjoy most about being a school trustee is talking with students and hearing about their assignments. I also appreciate how they recognize the importance of collaboration and team-work. Then there's their teachers who actually encourage their students to help each other - no more detentions for passing a note in class! I often think that if I was a student now I would really enjoy school and do so much better than I did.

There are some things from my school days that stand me in good stead, but although I was always good at 'mental arithmetic' knowing how much half a dozen eggs at tuppence ha'penny each would cost isn't much help these days.

Kevin Kaardal, Superintendent of Schools/CEO

That was THEN – This is NOW...

When asked to write about my reflections on the changes in education, I think about my maternal grandmother, Rita Rogerson.

She taught in a one room school house in Copper City in the 1930s. The curricula focused on reading, writing and arithmetic. Older students supported younger students.

Reciting what learned was important. Respectful behaviour was very important.

focusses on learners developing competencies; learners will need to be effective citizens in a complex global community. The new curricula emphasizes "big ideas". Thinking critically about big ideas is clearly important considering the events that flood our daily news.

Learners focus on design thinking, innovation, collaboration, "place through play and Indigenous perspectives. "Stuvoice and choice in co-de- terdependent



based learning", learning change in today's classroom.

Developina inquirina, dent agency" or students' creative, critical and inthinkers signing and representing who can communicate was an adventure, often the competencies to do Today, the curricula their learning is a critical their ideas as they solve with sketch pad and char- just that.

real world problems is the coal in hand trying to capgoal.

Rita would have loved the new curricula, teaching in rural coastal com- easily distracted mind and munities. She practiced ensure I was "present" "place based learning" with her students and a non-traditional way to grandchildren.

We would visit fish hatcheries, check out tid- ence "awe and wonder" in al pools, hike old growth the world around me. Rita forests looking for Chan- would have thrived with terelle Mushrooms or to the new curricula - she view petroglyphs. She taught her learners that shared a genuine respect they could achieve anyfor Indigenous people and thing. their knowledge.

ture what we experienced.

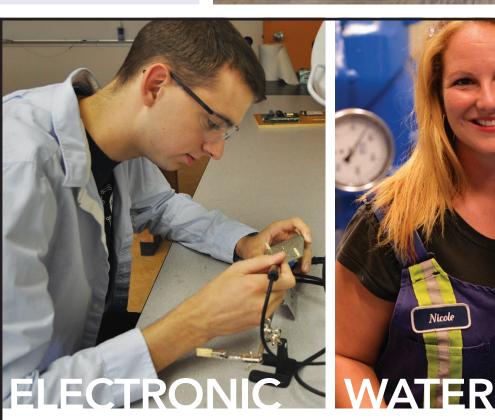
I am certain the sketching was a way to calm my while learning. It was also demonstrate my learning.

She helped me experi-

Facing an uncertain fu-Every day spent with her ture, today's learners need

The 2018 - 2022 Board of Education with Judge Lisa Wyatt.









Plug into an in-demand engineering technology career

A technology diploma from Okanagan College will provide the technical and hands-on skills employers are looking for in B.C.'s booming tech sector. Explore the array of diplomas offered with co-op options and earn while you learn. Applications are now open for fall 2019 (visit okanagan.bc.ca/apply).



Trustees Interviewed by Students

Trustee Baxter

Peachland Elementary School

Do you think it's important for students to know about Trustees and what they do?

I think it is important for students to know who we are so they know what we are doing in their school.

Who is your hero and

There are a lot of people I respect, but looking back I think Nelson Mandela is my hero because he persevered and never gave up even though it was hard for him because he was in prison for so long.



Jessica Johnston (left) and Rosalee Bieksa (right), Gr. 5, Peachland Elementary School, interview Trustee Moyra Baxter

What is the best part of students tell me about their your job?

The best part is going into schools and having about my job.

different ideas.

That's the best thing

Trustee Bowman

Quigley Elementary School

Now that you are a Trustee, what kind of projects do you want to work on?

I had my first Trustee meeting yesterday, so it's like the first day of school for me. The first thing is to learn where all the schools are and what they are like and what is important at every school. I think every school is different. Maybe I will have a great idea but all the schools are already doing them! So I need to take my time!

How long have you been a School Trustee and why did you become one?

I am technically not one yet. I get sworn in by a Judge on November 7th and we have to make an oath. I have to make a formal promise. I always wanted to make the world a better place.

What skills do you need to be a Trustee? Like I said I just started, but I think you have to listen to them.



From Left to Right, Leila Chell, Diana Secuianu, and Emma Scales, Gr. 3, Quigley Elementary School, interview Trustee Norah Bowman

should be good at concentrating because you have to be in meetings that are really long. You should be good at listening to people, even when they are upset. You know that can be really hard. You really

Trustee Cacchioni

Ècole Dorothea Walker Elementary School

What is a School Trustee? the schools?

There are seven Trustees Public Schools' Board of Education. We oversee education, policy, buildings, and rules in the District.

We help hire the Superintendent of Schools/CEO and building maintenance.

We are helping build the new middle school as a School Trustee? well. We also help make the budget and allocate mon- before that, I was a teacher Dorothea Walker Elementary ey to schools based on the and a principal for 36 years School, interviews Trustee Rólli amount of students at each in the school district.

school.

How do Trustees help

Our main goal is to make on the Central Okanagan sure all students have access to education and can make the most of their education in Central Okanagan Public Schools. We want the best for every child and we want to strengthen their abilities look over other things like and opportunities for suc-

How long have you been

Since 2005, 13 years. And



Jack Driscoll, Gr. 2, Ècole

Trustee Desrosiers

Shannon Lake Elementary School

Do you think it is important for students to know about Trustees and what they do?

It is important.

I know that I work for parents and was elected by parents, but the people I am working for are the students, too.

Why do you want to be a Trustee for the next four years?

Sometimes we have projects such as building schools, changing programs or supporting PACs (Parent Advisory Councils) and it takes a long time to get some of these plans done.

Now that you are a Trustee, what kind of projects do you want to work on?

Trustees work on projects that make schools the best places they can be. Schools should be places where your brains Alexa Shalley, Gr. 3, Shannon Lake Elementary think and imagination is brought to life.



School, interviews Trustee Chantelle Desrosiers

Trustee Fraser

A.S. Matheson Elementary

How long have you been a School Trustee and why did you become one?

I have been a School Trustee for ly elected Trustees. 7 years. I have enjoyed every minute what kind of projof it because I get ects do you want to meet students to work on? like you and see the learning you do. The on the following reason why I became a Trustee is because of my experience as

PAC at my daughter's school. It was through this experience that I realized the importance of quality education for all students and the importance of local-

As a Trustee,

I want to work The 10 projects: Year Long Term Facilities Plan and the the President of the School District Stra-



Zoe Watson, Gr. 6, A.S. Matheson Elementary School, interviews Trustee Julia Fraser

tegic Plan. Both of these projects are School District and how we are going to put on by students.

accomplish it.

Do you get into schools and, when you are there, what do you see?

Yes, I do get into schools when I am invited by students, teachers and principals. It is a wonderful opportunity for me to see firsthand what is happening in schools. I get to important in setting see students workthe direction of the ing together on class projects and I get to it lays out a plan on see performances

Trustee Geistlinger of our job includes having conversations



Penny Ryckman (left), Gr. 2, and Madalyn Vreeswijk-Dean (right), Gr. 3, Ècole Peter Greer Elementary School, interview Trustee Amy Geistlinger

Ècole Peter Greer Elementary School

I don't know much about School Trustees. What does a School Trustee do?

Trustees work on a team to make sure that decisions are being made in the best a good student are the same skills that a interests of students in our schools. Part Trustee needs!

with and listening to students so that we can work together to make sure students are successful. Now that you are a Trustee, what kind of

projects do you want to work on?

To be honest, my biggest project right now will be getting myself familiar with the everyday Trustee duties, like doing a lot of reading, meeting with Principals, attending assemblies, and learning about how School Board meetings operate.

What skills do you need to be a Trustee?

A School Trustee needs to be a good listener, a team player, a keen reader, a critical thinker, and a person who treats others with kindness and respect.

Much of the same skills needed to be

Trustee Tiede

North Glenmore Elementary School

Why do you want to be a Trustee for the next four years?

I want to be a Trustee because I think we live in one of the greatest School Districts in all of BC. I find it fun to be part of something great and helping it to be even better. I also enjoy working with really good people - we have an amazing team.

Who is your hero and why?

My Mom. She was a teacher in a school and taught me a lot of amazing things as well. She is a tough woman and she raised **Trustee and why did you become one?** my brothers and me with strong morals and work ethic.

My Mom always set a great example and good mother myself. She is my hero.



Zane Campbell, Gr. 5, North Glenmore Elementary School, interviews Trustee Lee-Ann Tiede

How long have you been a school

I have been a Trustee for four years and am just starting my second term.

I became a Trustee because I truly beshowed me how to be a good person and a lieve in the work this School District does and I want to be a part of it.



When I used to learn about Science, we would watch a video about an experiment and learn by seeing rather than doing. Now, I can have more fun with my experiments. I learn by adjusting ramps to be higher, longer, or steeper. I can go farther with my ideas than I ever could on paper.

GROWTH MINDSET

Robotics and Coding - New Opportunities for Students

August Beetlestone, Teacher, eSchoolBC (Distributed

It's hard to believe that less than 10 years ago, the concept of studying robotics and coding for middle school-aged children, let alone elementary-aged children, would become a reality in so many schools. And yet, here we are in 2018, with schools all over the District integrating this field of study.

When I started teaching robotics, I was surprised to learn that all of my students seemed to thrive in the design, building, and programming of these autonomous functioning little machines. I was equally surprised to discover the inner competitiveness many of my students had after I registered them for the Western Canada RoboCup Championships in 2015, especially considering that some of them had never competed nor been on any kind of team before. Our team placed first in both robotic Soccer and Search & Rescue. After the competition, when I went to collect one of the trophies to be showcased at our school, one of my students reluctantly handed it to me, proudly stating, "Mr. B., this is the first thing I have ever won in my

The impact of that statement hits me as hard today as it did then. I realized that the introduction of robotics provided a new opportunity for many children to showcase their strengths (perhaps strengths that may not have materialized otherwise). With so many schools now offering robotics and coding, it will be exciting to see what great student accomplishments will be achieved as these technologies help change people's lives.

Technology in Education

District Principal & Vice Principal of Learning Technology

That was then... this is now. When it comes to the role of technology in education, we've observed a monumental shift over the past two decades.

Recently, the International Society for Technology in Education (ISTE) released their updated Student Standards. In this release, they highlighted the drastic change we've observed in the ways our students interact with technology in their learning.

only some of them) had a gan Public Schools believes single computer lab and a in nurturing and growing specific teacher who would a Digital Learning Culture teach students some ba- across our District. sic computing skills. Fast forward a decade, and we focuses on leveraging techstarted to see laptop carts nology in meaningful ways and multiple teachers within a school using them with their students. Fast forward to today and we are seeing many schools with nearly empowers them to critically 1:1 access to technology and students being empowered to leverage technology to deepen their learning.

Our Learning Technology

20 years ago, schools (and Team for the Central Okana-

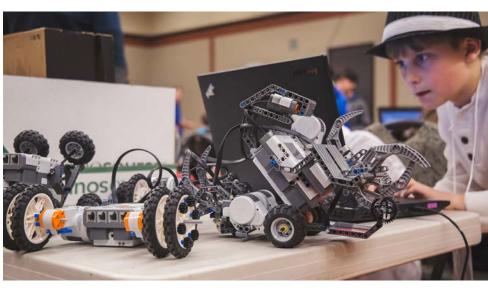
We foster a culture that to deepen student learning; a culture where students are growing an adaptive technological skill set that think, collaborate and communicate powerful ideas; a culture where students shift from being consumers to

Technology Provides New Windows into the Classroom

John Morrone, Vice Principal of Learning Technology

Did you know there are now refrigerators with internet connectivity that can remind you to pick up milk when the jug inside is reaching its expiry date? It is amazing to think of how quickly technology is changing and it is undoubtedly ingrained in our everyday lives. Technology has the potential to transform the way we work, learn and play. Learners have access to endless amounts of information and tools that enable them to represent their learning in innovative and creative ways. Families have new windows into the classroom and their child's learning through digital portfolios, and students can reflect on the process of their learning in meaningful ways. However, the widespread use of technology is also causing us to think, just how much is too much? We worry about excessive screen time, especially for the youngest members our families, and we have concerns about the content our youth may be interacting with online. We are wary about reduced opportunities for creative play and physical activity levels in relation to increased time spent playing video games and using social media. In addition, we are seeing a growing need to address the mental health literacy of our youth and the role technology plays within that context.

Indeed, the very concept of "wellness" has gone digital and it has implications for youth, families, schools and communities. Media Smarts (www.mediasmarts. ca), a Canadian non-profit organization for digital and media literacy, recently published a new research study called "The Digital Well-Being of Canadian Families". They define digital wellbeing as the ability to make "the best uses of digital technology into family life in ways that are meaningful and promote family values." Ultimately, it is about striking a healthy balance, where users can mitigate the risks but also embrace the opportunities afforded by digital technology. Becoming more mindful of how adults model this behaviour for our children might be a great place to start.



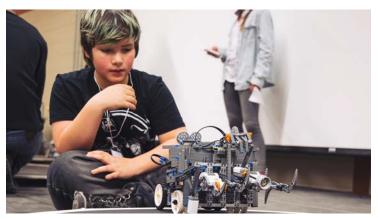
Coding Quest Partnership

John McMahon, Program Manager - Coding Quest

Central Okanagan Public Schools has many wonderful community partners that support our students in leveraging technology for meaningful learning in the classroom. One of those partnerships is with the Coding Quest group. Coding Quest has partnered with UBC-Okanagan to support teachers across the District in applying coding to a range of subject areas in the classroom, helping students to strengthen core global competencies and computational thinking, including critical

thinking, creative problem-solving, collaboration and science, technology, engineering and math (STEM) skills.

Students have been collaboratively using the Scratch coding platform to research a topic and apply their knowledge of that topic within the design of their very own computer game. Later this year, many of these students will be participating in an Arcade event, where they will have the opportunity to showcase their learning and their computer games to the public.



The Beauty of Math!

Heather McIntosh, Teacher, Mount Boucherie Secondary School

When I first started teaching, I did a project where students love that they receive instant made a picture of functions we feedback from Desmos about covered in class by graphing by hand. This project had little student buy in, was hard to mark, and was difficult for students ed to see their pictures in 3D, to determine whether or not and as a bonus, we display the they were doing the graphing finished projects outside our correctly. Now I do a similar classroom so everyone can celproject where students use ebrate the beauty of Math.

Desmos - an online graphing tool - to make a picture that can later be printed in 3D. Students the functions they are choosing and this has increased student engagement. Everyone is excit-





New Technology Alters Thinking

Scott Hayhurst, Teacher, Okanagan Mission Secondary School

classroom continues to alter of their learning through the way that students think photos, videos and audio as well as how they reflect recordings is simple with on their thinking. Metacognition is not a new concept, however, the ability to 'think about one's thinking' through the use of portfolirecent years.

replaced by tech tools such comments. as FreshGrade, Seesaw, Gooover time and notice when of these new ed-tech tools.

they have improved and what they still need to work New technology in the on. Capturing evidence classroom technology such as iPads, laptops and personal devices.

Formative feedback is also increased as their peers, paros has been transformed in ents, and teachers can view their learning journey and Paper portfolios are being offer timely and specific

The increased collaboragle Sites and Google Slides. tive nature combined with These electronic platforms the ability for students to allow the students the op- make their learning visible portunity to collect, view, has led to a richer educaand reflect on their learning tional experience as a result





I love math now. It is so fun. Our teacher guides us with guestions and hints. For hard questions, we can work in partners or groups. We learn from math games and we use technology a lot. Google classroom is pretty cool!

GROWTH MINDSET



Technology Empowers Student Learning

Ashley Cail, Teacher, Rutland Secondary School

Last school year, Rutland Secondary went through its technology refresh, choosing mostly Google Chromebooks over laptops.

This means that students are now using Google Apps for Education in the majority of their classes, and have been steadily gaining more and more confidence with using technology to represent and deliver their learning.

Not only has Google Classroom been used to help facilitate learning in my classroom, but it has inspired me to experiment with various technological tools to leverage creative and critical thinking in my classroom. I have been enjoying using HyperDocs to make learning collaborative

and interactive, and allow students to be agents in their own experience.

HyperDocs structure my lesson in a way that encourages students to be self-paced explorers, learners who use technology to delve deeper into topics and to practice their critical thinking and problem-solving

As the HyperDoc creators say, digital collaboration "give[s] every student a voice and a chance to be heard by their classmates." I hope to continue to experiment with technological tools and HyperDocs moving forward, and to also inspire my students to continue to use technology to empower their own learning.

Transformation of School Libraries

Amber Hartwell, Librarian, Peachland Elementary School

The Library Learning Commons (LLC) model is about the transformation of school libraries, driven by a new culture of learning in education. Our students have grown up with the Internet and supporting technology. Learning has moved beyond the classroom and the limitations of a textbook; it has become social, participatory and collaborative, supported by emerging and powerful new technol-

One key element of the LLC is the Open Commons, cultivating the LLC as an extension of classrooms. The space is "open",

encouraging a collaborative atmosphere and supporting just-in-time learning. Co-teaching occurs alongside smaller groups of learners using the space to work on projects, access resources and seek enrichment.

It is this environment that allows for technology to be leveraged as a tool to empower students in their learning. For example, a green screen is a staple technology tool in a transformed LLC.

Learners can leverage this technology as a new option for demonstrating understanding in a curricular outcome, proficiency in core competencies, and develop technological literacy skills.





DOWNLOAD YOUR OWN /-waste®app

YOU GET:

- A personalized collection schedule
- Custom collection reminders
- A "What Goes Where" search tool
- And more!

- Visit regionaldistrict.com/mywasteapp





Personal Garbage, Recycling & Waste Collection Guide at your fingertips.

Chantal Sperle Gr. 2 Ècole Casorso Elementary School

J'aime être capable de parler en français parce qu'on a une étudiante de la France et je peux parler en français avec elle. J'aime aussi parler en français avec ma sœur parce qu'elle peut m'aider à apprendre des nouveaux mots.

I like being able to speak in French because we have a French exchange student from France and I can talk to her. I also like to speak in French with my sister because she can help me with new words that I do not know.

GROWTH MINDSET



French Immersion and the Authentic Experience

One of the advantages of being part of a French Immersion Program is the higher level of fluency in the second official language of Canada. Students in our French Immersion Program have been studying in their second language since Kindergarten, yet several have never met a large group of francophone youth or been to an area where French is spoken by the majority of the residents. Finding an authentic opportunity to be immersed in the language is a great opportunity for students to use the language communication skills they have acquired.

Students in French Immersion have also studied some cultural components of various francophone areas, yet to be truly immersed in the culture, one must live the experience. Living with a francophone family for a week, in a francophone community, is an excellent way to enrich understanding of the French Canadian culture and to foster understanding about the diversity of youth across Canada.

For twenty-two students from École KLO Middle School, this opportunity will soon be a reality. École KLO Middle School was recently selected to participate in an exchange to Saint-Raymond, Quebec with



learning and give participants an experience and memories that last a lifetime.

By exploring another Canadian community, participants strengthen their second language, develop cultural awareness, break down social barriers and improve self-confidence. KLO grade 9 French Immersion students will travel to Quebec and live with francophone host families from February 7 – 15, 2019.

As this is an exchange program, there are twenty-two Kelowna families excited to have the opportunity to host a youth from Quebec in May. KLO students will plan a week of local activities and cultur-Experiences Canada. Experiences Canada al experiences to share with their franfacilitates enriching educational exchang- cophone guest. Sharing aspects of our of themselves as truly Canadian.

es that enhance language and cultural region and culture allow our students to develop a pride and understanding of the diversity in our own region.

> French Immersion students in B.C. are in-between two cultures. They are not considered completely "English" by students studying in the same community in only one language. They are not considered "French" by the francophone community.

> They are, however, a representation of bilingualism in our country and should be proud of their bilingual and bicultural studies. This Experiences Canada opportunity will enrich their education and create lifelong connections to their bilingualism, and foster a continued understanding

Exchange France-Canada

Jules, Thomas and Célia, French Exchange Students at George Elliot Secondary School

Hello everyone, we are French exchange students. We are Jules, Thomas, and Célia and we are here for six weeks. Our goal is to learn the English language, the Canadian culture, and discover the region of British Columbia. The region looks pretty similar to ours in France (lakes and mountains), but there are a lot of differences like the food, the school and much more...

In our school, we have a different timetable: we start the morning at 8:00 a.m. and we finish at 5:30 p.m. which represents eight hours a day with two little breaks at 10:00 a.m. and 3:00 p.m., and a lunch break longer than here (one and a half hours) at 12:00 p.m. or 1:00 p.m. But on Wednesday, we study only half of a day and we have two weeks of breaks approximately every seven weeks.

We have around ten different students in one class. subjects like math, history/geography, French (we have the choice between three different languages either example, in France we always eat all recommend to all of you, if you can, to Spanish, Italian or German), and we together whereas here the supper is do an exchange like this.



George Elliot Secondary School Exchange Students and their Partnered GESS students, from left, Célia, Cody, Dustin, Jules, Thomas and Kelbrai

are obligated to take English.

high school's final exam). In France, we have the same class for all of the year and there are approximately 35

not always with all the family. Here, If a student takes the economic the students practice their sports a lot chain, he has SES which means (in France we don't have the time to sciences, economy and social; after we do that). We don't have sports teams have TPE: it is an exam for the BAC (our in our school, we must practice sports elsewhere. The relationship between teachers and students is also very different. Here, it's more friendly.

Finally, we feel good here, the There are some differences between people are great and very kind with us. the families in France and here; for That is a very great experience and we



From left to right: RSS Students Carly Mitchell, Georgia Green, Dexter Page-et, Cameron Weys, Colton Rickards, and Landon

A Breadth of Perspective

Chelsea Thompson, Teacher, Rutland Secondary School

Language and Culture 9 is an elective course offered at Rutland Secondary School.

It is open to any grade 9 student who is interested in pursuing a language, but are not sure which one they would like to focus on.

It is designed to introduce students to a broad range of languages and cultures in an engaging and inter-

active environment. Every teacher has a slightly different perspective to offer their stu-

dents. Some teachers deliv-

er the curriculum from a perspective of legends and fables and others through the lens of art.

Other teachers still look to engage students through anthropological studies.

Students have the opportunity to guide a personal inquiry into their own cultural backgrounds and discover more about their familial history.

The intent of the course is to encourage students to select a language to study from grade ten through to graduation.

The ultimate goal is for students to gain an understanding and respect for a plethora of cultural perspectives that will create an appreciation for the beautiful diversity of our community.



Ècole KSS French Immersion Exchange Program

Scott Brown, Teacher, Ecole Kelowna Secondary School

French Immersion Program.

The newest of these oppor-Like many school districts tunities being that of an auin the province and Canada thentic cultural exchange with wide, Central Okanagan Pub- France. A cultural exchange lic Schools has witnessed an is not new for our schools as increase in enrolment in the some select middle schools



Ècole Kelowna Secondary School French Immersion Exchange

Building on the success of the Quebec exchange, our secondary schools are now offering a 4 - 6 week exchange with Central and Eastern France.

This program was started in 2017 and student involvement has tripled in the short span of one year.

The program consists of students being Kelowna twinned with a French student of similar age and grade level.

The twinning process allows us to place like-minded students together, facilitating the overall cultural experience of all participants.

The second step of the pro- tional careers.

offer a one-week Quebec ex- gram involves the French stuchange for our grade 8 learners. dents coming to Kelowna in November to be with our student and the student's family.

> The French student mirrors the academic schedule of the Kelowna student and receives the opportunity to experience life as a student in a Canadian school and in the community.

The following March, our students will travel to France to be with their twin student and their French family.

This opportunity for a fully immersive French experience has proven to be one of the educational and personal highlights of our students' educa-



My name is Ario Nouroozi. I am 10 years old. When I first arrived in Canada, I was very confused about everything that was going on around me. I was not good at speaking English so I was somewhat nervous all the time. I did not know what my teachers and others were saying which made it hard to communicate. My shift in learning is now I can communicate with everyone, which allows me to be a critical and creative thinker.

GROWTH MINDSET

The Value of Indigenous Language in Contemporary Education

Brad Kuhn, Vice Principal, Mount Boucherie Secondary School

The Academy of Indigenous Studies at Mount Boucherie Secondary School (MBSS) has been recognized with a national education award for providing students connected to their culture, and inspiring leadership and pride within their school and communities.

Head and teacher comments: "The Academy enables students to feel connected, valued, and supported, and they view graduation as a key to a meaningful and promising future." Elders, Knowledge Keepby supporting students in each quadrant of the medicine wheel (spiritual, emotional, physical, and mental) and by enriching each of answered by MBSS grade 9 and

these directions in order to ensure 10 students: each child's academic and personal growth.

This year, a group of teachers engaged in significant cross-curricular projects which authentically connected students in the Acadewith opportunities to feel more my with other groups of students at MBSS, as well as with our local Indigenous communities.

Through these projects, Elders Kyla Winacott, Department and Aboriginal leadership students shared teachings, protocol, and stories with a multitude of

MBSS student Wade Werstuik, reflecting on this experience, states that "one thing that language has ers, and the MBSS staff contribute done for me is make me into a perto the success of this program son able to think outside the box and look at different angles and outcomes for life situations."

The following questions were

Why is indigenous language important at school?

- 1. Kaden Paquette "It can help teach me more about my land and culture."
- 2. Robert Virgint "A good environment to be in if you don't want to be judged."
- 3. Wade Werstuik "It keeps the culture and traditions and it teaches the others about the truth of our past."
- 4. Aisha Sidhu "Speaking Okanagan brings me comfort and makes Elders proud to see youth speaking the language."

How did the language class make you grow as a leader?

1. Katelyn Bellingham "This is where I learned about leaderaged me to join to keep my culture alive."

2. Kaydence Derrickson guage class encouraged me me feel happy and wise."

guage made me feel like a lifelong friendships."

Aisha Sidhu has said it best when to try my best and be good to- summarizing her experiences in wards everyone, which made the course, "Language is learning taught in a comfortable learning 3. Wade Werstuik "Being in lan- environment where I have created



ship, and the teacher encour- Top left to right: Hayden Lindley, Daisy Van Exan, Nikki Wilson, Skylah Charleyboy, Spencer McPhee, Chris Frei. Bottom left to right: Talon Mason-Delorme, Anya Brighton, Lauren Teal, Joyce Rue, Kaydence Derrickson, Amber Derickson

Changing The Way You Play!

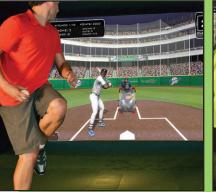
Welcome to an awesome experience like no other! Immerse yourself in our intensely realistic full screen simulator bays using real sports equipment and play indoors 365 days a year. Precision high speed flight cameras track your every move and display your stats directly on the screen.



GOLF • FOOTBALL • HOCKEY • SOCCER

BASEBALL • CRICKET • LACROSSE • BOCCE RUGBY • TARGET/HUNTING • BASKETBALL ZOMBIE DODGEBALL • COOL CARNIVAL GAMES







Gift Card



www.simplexsports.com • #200-2600 Enterprise Way • 778.699.2072

Taylor Smith Gr. 10, Mount Boucherie Secondary School

At the beginning of this year, I got involved with the Mount Boucherie Secondary School Jack Chapter to promote positive mental wellbeing. Through communicating and interacting with other like-minded individuals, now I can relate and explain when something is unfair. I can take action to support diversity and defend human rights, and I can identify how diversity is beneficial to my community.

GROWTH MINDSET

James Minkus, Principal, Ècole Peter Greer Elementary School

In early February of 2018, Premier John Horgan announced that a new middle school was to be opening in the Fall of 2021 to serve the Lake Country community.

Even though completion of the project is three years away, the process for getting this project officially started began

this past September.

Students, staff and parents from the four Lake Country schools - Ècole Peter Greer Elementary, Traditional, Oyama Davidson Road Elementary, and George Elliot Secondary, as well as representatives from the School District's Board of Education, Partner Groups, and District Staff, met for the first time with the architects in a 'Design Charrette' on September

A Design Charrette is a planning session where citizens, designers and others collaborate on a vision for a development. It



Ècole Peter Greer Elementary Teacher Matt Olson and students, from left, Taylor Woehrle, Gracee Lozano and Cohen Hild share their ideas



Oyama Traditional School Teacher Mallory Herzog and students Desmynn Buse, Vaughn Kilpatrick, Brady Flowers-Johnson, Marcella DiMaggio and Charlotte Andrews brainstorm ideas for the gym and playing fields for their new middle school.



New Middle School in Lake Country

Davidson Road Elementary students from left, Brooklyn, Bryn, and Eleanor and staff share their design ideas for the special education spaces at the new middle school.

giving immediate feedback to the and their current teacher, Ms. designers.

More importantly, it allows everyone who participates to be a mutual contributor to the plan. Having various perspectives looking at the preliminary drawings provides architects with valuable information in regards to the functional use of the space.

For two grade 3 Ecole Peter Greer Elementary students, Kaiden

Rancourt, their learning journey for the new school started last year in grade 2 when the class worked collaboratively on an inquiry project that saw the class make visits to the school's future site and local parks.

They even met with the Mayor to share the maps they created showing their ideas for what they felt the community needed.

At the Design Charrette on September 27th, stakeholders sat in mixed groups and through brainstorming and design activity, many ideas were generated.

Although everyone participated, it was the students that really stole the show during the sharing of ideas at the end of the Charrette.

Their ideas ranged from the practical - like making sure there was enough space and parking to accommodate all the students and staff, to the imaginative - like the possibility of including a rooftop green space with a garden and greenhouse and, of course, lots of glass and flexible space to learn.

all four schools included:

"Having a rooftop garden and greenhouse over the gym would be a good place for learning about design."

"The floor in the learning commons should be cozy to sit on but easy to clean so carpet might not be the best."

"Having a climbing wall in the gym would give students an individual challenge."

"The open layout is nice, but some private spaces are still needed for students who have special needs."

The next step is for the architects to take all the ideas and work together to produce a set of revised plans to be shared back with the Lake Country community. The students are very excited to see how their ideas will be used! In addition to gathering input for the design of the new school, stakeholders were invited to submit their ideas for the name of the school through school Some students' feedback from newsletters, websites and an online survey.



HONOURING THE PAST

Rob Aviani, Vice Principal, Rutland Middle School.

The Heritage Classroom is quietly situated in a corner of the historic Central School building located on Richter Street.

The classroom is the pride and joy of a very energetic and enthusiastic retired school teacher named Sig Ottenbreit.

At 91 years of age, Ottenbreit eagerly welcomes visitors of all ages to this throwback to a former time.

The Heritage Classroom contains many antique artifacts and memora-

it seems to have a fascinating story about every piece.

Whether it be the writing quills, the classic "Royal" typewriter, or an old wasp nest, the retired teacher's interesting anecdotes bring history

Ottenbreit started his 37 year teaching career in rural Saskatchewan at the age of 18. There were eleven students in his class who spanned ten different grade levels.

was responsible for bringing water for drinking and hand washing each a tour or to inquire about volunteer day. Ottenbreit's first job in Kelowna opportunities, please contact Sig Otwas at Rutland Elementary School in tenbreit at 250-762-2630.

Regardless of the province or school, his care and dedication to his students are clearly evident.

"I treated my students like my sons and daughters," says Ottenbreit. "Many of my former students still contact me to see how I'm doing."

Ottenbreit encourages schools and teachers to bring their students to the Heritage Classroom for a tour.

He also welcomes other retired The school had no plumbing, so he teachers to join him as a tour volunteer. To book an appointment for



Sig Ottenbreit is the volunteer tour guide and curator of the Heritage Classroom at Central School.



DESIGNING THE LEARNING FOR TODAY

Innovative Learning Environments are visible throughout Central Okanagan Public Schools



Grade 3/4 Learning Community at North Glenmore Elementary School. An African proverb says "It takes a village to raise a child." Our learning community is that village. We are made up of 78 children, three teachers, four C.E.A.'s, and often a learning support teacher. We share our three classrooms, plan together, and teach together in support of differentiated instruction (providing students with different ways of learning), collaboration (students working together), and cross-curricular inquiry learning (having students pose questions and problems then explore, investigate, and research to learn). Our goals are to embed the core competencies (communication, creative and critical thinking, personal and social awareness) into our daily work, to instill a growth mindset in our learners (never give up, learn from mistakes, embrace challenges), and to communicate learner growth in meaningful ways. As a team, and with student input, we determine each child's learning plan as we recognize that students are unique individuals who start at different places, progress at different rates, and learn in different ways. When it comes to student learning, we will all contribute to this process.

Innovative Learning Environments

Jesse Bruce, Principal, Rose Valley Elementary School

The learning sciences are enriching our understanding of how people learn best. Schools that are designed to leverage knowledge about learning will empower tomorrow's generation to become powerful learners, skilled workers and engaged citizens.

Educators across our District are sharing their curiosity about how we might use research about The Nature of Learning to explore the creation of Innovative Learning Environments (ILEs). Collaborative and innovative learning communities are engaging students around the Central Okanagan, with several emerging and observable

Largely influenced by the extensively researched OECD Principles of Learning, Central Okanagan Public Schools set out to connect and design learning and learning spaces that:

- Put Learners at the Centre
- Recognize Individual Differences
- Embrace the Social Nature of Learning

- Recognize that Emotions are Integral to Learning
- Stretch All Students
- Are grounded in Quality Assessment for Learning Practices, and
- Build Horizontal Connections

Along with other Innovative Learning Environments around the District, the examples featured intentionally set out to Create Community by fostering a sense of belonging where all learners feel connected to others, feel safe to take risks, make mistakes, be vulnerable, and stretch themselves as learners. Each Innovative Learning Environment also sets out to account for some or all of the following pedagogical practices:

- Cross-Curricular Planning evident in many learning communities creates opportunities to design learning that is holistic, relevant and intellectually engaging for students
- Place Conscious Learning **Environments** create opportunities for students to connect deeply with the land, the natural environment, and

develop a sense of belonging in the place in which they live

- Inquiry-Based Learning approaches allow students to deepen their learning around areas in which they are interested and connected
- Focusing on Learning That Matters for each child ensures that they are engaged in learning that is good quality, and good for the heart, the mind and the world. When we do work that matters, we feel valued and valuable
- Flexible Learning Spaces are intentionally designed to provoke student curiosity, provide students more choice, and to amplify learning
- Supporting Self-Navigating Learners empowers the learner and enables self-navigators to set learning goals, take action, and monitor and gather evidence of their own learning. Developing self-navigating learners involves aligning our assessment principles and practices to empower our modern learners.



Shannon Lake Elementary School is embracing the OECD Principles of Learning and focusing on having students be at the center of their learning both in the classroom and in the world. The learning community is comprised of grades 1 and 2 students working together daily. There is a strong commitment to learning in nature and utilizing the school's proximity to Shannon Lake Park.



Dr. Knox Middle School collaboratively engages with UBC's Okanagan School of Education (OSE) to BUILD HORIZONTAL CONNECTIONS in a partnership that benefits both Dr. Knox students and future teachers. This week, five OSE interns had their second of three visits where they work with Mr. Ohashi's Math 9 class in various math activities, such as using vertical surfaces to solve problems, math games and math talks. Today's visit focused on math games that had students investigating exponents by playing various math games that revealed the effect of different bases and exponents. Students worked in partners, teams and alongside the OSE interns.



Chute Lake Elementary School's Dragonfly Learning Community, comprised of Grade 3 and 4 students, creates water colour pictures with a local artist. This community believes in creating a comfortable, accepting learning environment where students feel valued and connected. Their overarching theme for this year is "our environment shapes who we are and we shape our environment".



Great Futures Start Here! 41 locations throughout the Okanagan!



Okanagan **Boys & Girls Clubs**

A good place to be

- Day Camps
- Daycare & Preschool
- Before School Programs
- After School Programs
- Year-round Rec Programs
- Youth Programs
- Family Resource Programs

Valley Elementary Rose "Forest Friends" School's **Learning Community explores** water colour painting with a local artist high above the city after a short hike in Rose Valley Regional Park. This collaborative learning community is made up of multi-age learning teams, Grades 3 and 5 are featured in the photo, that leverage the natural world and the surrounding environment to cultivate meaningful learning experiences.



Ellison Elementary School students learn in Multi-age Collaborative Learning Communities (Grades 1 - 5) with a learning focus on Mindfulness. We recognize OECD Principles 4 & 3: emotions are integral to learning and seek to build student capacity in mindfulness through interactive learning tasks that are social in nature.



On a beautiful day in October, students from the Grade 5 learning community at South Rutland Elementary School learned about local history and geography while on a hike into Knox Mountain Park. Meaningful connections were created while looking over the city from the first lookout, imagining how the valley may have looked during the time of the ice age, when Mt. Boucherie was an active volcano, when Kelowna's population was less than 100 people, and when the Paul family owned much of what is now Knox Mountain Park. In this picture, the students are standing beside Paul's Tomb. The students took advantage of the "Class Rides Free Transit Program", providing a valuable first-time city transit experience for many students.

Contact us for more information! www.boysandgirlsclubs.ca P: 250-762-3914 E: info@obgc.ca

@OKboysandgirls



The Ecole KLO Middle School grade 8 French Immersion learning community spent a day at Knox Mountain at the end of September as part of an inquiry unit about how the earth changes. They hiked while observing the natural land formations, using this information to infer what geological processes shaped our land. While on their lunch break, students took a quiet moment to do reflective writing based on their surroundings. The group continued to establish culture as a learning community as they worked on communication, collaboration, and thinking skills.



Constable Neil Bruce Middle School begins each morning with a multi-age mentorship learning community, where students in Grades 6 - 8 come together to build school community and culture. Students learn and strengthen their character through our Character Strong initiatives, build community through our House Games competitions, and demonstrate attributes of citizenship. Here you will find a photo of Mr. Fisher's mentorship class who is currently working on a community fundraising initiative, for their chosen Spirit Day. The goal is to allow students to explore humanitarian efforts at a local level. This will help them demonstrate their attributes of citizenship, where they are making a difference for people in Kelowna and West Kelowna.



At Mar Jok Elementary School, the kindergarten children learn in community, referred to as the Kindergarten Family. This innovative learning environment provides children with the opportunity to experience learning through play in many different ways. During exploration workshops, our early learners exercise their voice and choice to determine how and where they want to learn. On this particular day, a number of children have chosen to learn through play using outdoor "loose parts". The teachers support the children's play by inviting them to explore, observing the play in action, scaffolding the play by asking deep and meaningful questions, and finally documenting the learning stories of the children. This innovative learning environment leads to a strong sense of belonging and a feeling of connectedness, providing the essential foundation for not only future academic success but also for the development of social and emotional competencies.





James Ropotar, Gr. 11, Okanagan Mission Secondary School

Engineering Dual Credit Program

James Ropotar, Gr. 11, Okanagan Mission Secondary School

The Engineering Dual Credit Program is a new opportunity in its pilot year, run by Central Okanagan Public Schools and the University of British Columbia, Okanagan Campus. It allows secondary school students in Grade 11 or 12 to take the Applied Science 171 taste of university.

two lectures and a tutorial per week, and I have found the lectures to be more attention and comquite fun and enjoyable. mitment than anything Classes are spent talking else I have tackled so far. about real life inventions It has also given me pracand situations, such as tical skills I find valuable, why certain car models as well as experience that succeed or fail.

The tutorial classes are versity and beyond. about building skills and refining the concepts wanted to go into Engiintroduced in the lec- neering, and with this ture. The course includes course, along with a sumgroup projects, which mer study I completed provide students with through the School Disskills they can apply once trict's STEM Fair, I found they have a job in engi- out what the field reneering, and even out- quired, and the type and side of it.

The first project gives students the ability to taste at what life will be work with CAD/CAM soft- like: the hours of homeware, specifically Solid- work, unique projects, Works, while the other and the learning opporproject gives 3D Printing tunities. I believe it is the and marketing skills.

skills, especially as we course work; it provides move toward a job mar- valuable skills, and it has ket that will be based prepared me for the fuupon innovation in order ture. to succeed.

When I was offered the doing more courses chance to participate in through the Dual Credit the pilot program, I was Program with the School very excited.

Engineering is a field ture ahead.

I have always taken an interest in, and after taking Drafting and Design at Okanagan Mission Secondary School, I felt ready for the challenge.

The course has been challenging, but it has been a good representation of what to expect for the future in university. Even the structure of the course has been different from anything I've been Engineering Course, as a exposed to so far. I have needed to re-examine The class consists of the way that I study and

> This course has needed will serve me well in uni-

> For a long time, I have level of learning required.

This is an amazing first best learning experience These are valuable outside of my regular

I hope to continue District, for a better fu-



Youth Work in Trades

If you are a secondary school student 15 years of age or older working in a trade area, you may already be eligible to participate in the Industry Training Authority (ITA) Youth Work Program while in high school and qualify for a \$1,000.00

Youth Work in Trades financial award!

Program Details

Students must be employed (paid) in an apprenticeable trade. Most students' work does not interfere with their school day. Youth Work in Trades can be completed on weekends, evenings, summer holidays, or on a special release from school, if the timetable will permit. Students

that complete 480 hours of work experience receive 16 graduation credits. Youth Work in Trades students, who complete a minimum of 900 apprenticeship hours and maintain a C+ or better average in their Grade 12 courses, qualify for a \$1,000.00 financial award.

Program Benefits

- · Earn money while learning skills valued by employers
- · Get a head start in your career
- Earn 16 credits towards graduation (4 courses worth 4
- Be eligible to receive a \$1,000.00 financial award
- Get \$1,000.00 tax credit after completion of your Level 1

Already working as an apprentice? Visit www.dualcredit23. com/apply.html to apply for the ITA Youth Work Program.

Central Okanagan Public Schools Dual Credit Programs 2018-2019

TRADES

- Electrical
- Hairstylist
- Welding
- **Auto Service Technician (AST 1)**
- **Plumbing & Piping Trades**
- Aircraft Maintenance Engineer "S" or "M"
- **Sheet Metal**
- **Heavy Mechanical Trades**
- **Recreational Vehicle Technician**
- Carpentry/Joinery
- Auto Collision Repair, Painting and Refinishing
- **Culinary Arts & Pastry Arts**
- **Refrigeration & A/C Mechanic**
- Utility Arborist

ACADEMIC TRANSFER COURSES

- First-year academic transfer courses (Okanagan College)
- UBCO Engineering Course

TECHNOLOGY

- Computer Systems Information Administration
- Animation

HEALTH CARE & HUMAN SERVICES

- Certified Education Assistant (CEA)
- **Health Care Assistant**
- Office Administration
- **Administrative Assistant**
- **Emergency Medical Responder**
- Firefighting

DISCOVER:

- · How to earn high school credits while in a post secondary program!
- How to have your tuition paid to a post secondary program!
- How to get a head start on a meaningful and rewarding career.

Seats are limited, so apply early.

HOW DO I GET STARTED?

Visit your school Career Center or visit www.dualcredit23.com









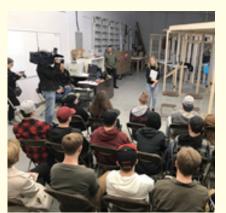












Talking Trades

In celebration of the fourth annual Apprenticeship Recognition Week (November 4-10), the Industry Training Authority (ITA) is facilitating "Talking Trades" events across the province where the local Apprenticeship Advisor and a trades Champion visit an ITA Youth Trades Program classroom.

The goal of this first-time initiative

is to inspire and motivate students to pursue a career in skilled trades, with the objective of increasing the number of students enrolled in and completing work experience programs, towards certification. There were approximately 60 students in attendance at the event held at the BCIT site at Quigley Elementary on November 8th.

The changes in education matter, and they matter to students the most. In their own words, students tell why the changes in education matter to them.



Taylor Dunbar (left) and Sophia Allingham (right), Gr. 6, Oyama Traditional School, work together on a project in seats that they

Why – Evolution in Education

Sophia Allingham, Gr. 6, Oyama Traditional School

a long time. We would only get to speak with friends if they were in our table group. It isn't like that anymore though; I can sit wherever I feel comfortable.

where I work best and change seats if I need to. How we choose our seating is not complicated at all as we have many options of where to sit, such as tables, desks, and bean

Let's say you choose the bean bag chairs, you have to put your number tag beside cus on your work! the picture of the place you would like to sit. Only a certain amount of people can sit in certain places since some tables can fit the people around you.

eight people while others can only fit two I remember having assigned seating for or three. If your spot was taken, you must choose a new one. We are allowed to move seats whenever we want to as long as it is not disrupting the learning.

That is helpful because if I am having I am a big fan of flexible seating; I can sit trouble focusing where I am sitting I can just move to a better seat so I can focus on learning. When I sat in assigned desks, I might be put by a person who I don't work well with. This will affect how you learn and you won't be able to focus.

Once you move away you'll be able to fo-

If you can change seats, you'll be able to find a place you can learn with

Maria Colero Gr. 3, Davidson Road Elementary School

When I was younger, most of the work I did was by myself. But now I can collaborate! I've got good ideas and so do my classmates. I let my partner share first and then I share my ideas next. We then work together to find the best answer.

GROWTH MINDSET



Quinn Shorter, Tiffany Horak, and Luke Pederson document their learning together.

Bankhead Elementary Gr. 6 Students Quinn Shorter, Tiffany Horak, and Luke Pederson.

Bankhead Elementary School Gr. 6 students Luke, Quinn and Tiffany are just a few of the students at the school that have been using a digital portfolio called FreshGrade.

They feel that this is changing the way students their learning.

students to upload their ment on their child's work from Bankhead Elementary

work for their parents and teachers to see. It's easy for parents to access through email or on any mobile de-

Students can post a picture, a video, or just a comment! Teachers provide specific feedback on student work and the student can add a comment or reflection. Parents can see learn and communicate the teachers' grades and comments on their child's Digital portfolios allow project. Parents can com-

any time. It is a great way for students, teachers and parents to communicate about learning!

Using a digital portfolio has helped Luke, Quinn, and Tiffany. Quinn said "FreshGrade helped me to share my work easily so my parents know what I'm doing. It's really easy to access for me."

'I would strongly recommend digital portfolios to anyone. I love being able to post anything for my parents to see so I don't have to bring everything home to show them," said Tiffany. "Teachers can take videos of your presentations and what you're working on, so I would definitely tell people to try it. I loved that my parents and teachers could look at my work and add feedback," commented

These Gr. 6 students

and give them feedback at School are just some students that have used digital portfolios.

There are many schools in the District that are using various digital portfolio platforms to support student learning. Tiffany, Quinn and Luke recommend



aRTS **bLASt**

KIDS CAMPS

Art • Music • Drama • Dance

Pro-D at the RCA, Ages 5-10 (Fri) Feb 22 | 9 AM - 4 PM | \$40

Arts Blast 2 Day Camps, Ages 5-14

(Wed - Thu) Mar 20-21 | 9AM-4PM | \$95 (Mon - Tue) Mar 25-26 | 9 AM - 4 PM | \$95

Arts Blast Day Camps, Ages 5-10

Mar 18, 19, 22, 27, 28, 29 9 AM-4PM | \$40/day | 5/10-day punchcard \$170/ \$340



Advocate), Mackenzie Pruden, and Carrie Brialio (GMS Aboriginal Advocate) look to the future of education.

awareness and includes everyone.

THE FUTURE. In the future, I hope that all kids know their Indigenous backgrounds. I hope they know their culture and have learned to be proud of it. I not only hope this, but I know that if we come together new curriculum now offers Indigenous and keep doing everything we can do to

*PRE-REGISTERATION REQUIRED AT

RotaryCentrefortheArts.com 250-717-5304

421 Cawston Ave. Kelowna, BC

The Past and Present Supporting the Future Mackenzie Pruden, Gr. 9, Glenrosa Middle School

THE PAST. In the past, there were always problems with Indigenous people being excluded. I talked to Terena Hunt, who studied Aboriginal History, and she told me there was not nearly enough Aboriginal culture

Back then, people didn't feel that they could make it known that they were Aboriginal for fear of the negative stigma. Even twenty years ago, when residential schools finally became non-existent, there was no one to help kids learn about their culture or to keep kids believing that there are things Lana Donaldson (GMS Aboriginal to learn about where they are truly from.

THE PRESENT. Today, people are doing their best to help Indigenous students as much as they can. There are so many opportunities for them, like our Aboriginal Advocates helping students every step of their journey throughout their school years.

I know, in my experience, we have had many activities in the school to learn about Indigenous culture. Most importantly, the components in the classrooms. This spreads help, we WILL succeed at this goal.

Carmi **Smid** Gr. 5, Shannon Lake Elementary School

In my class, my teacher makes us think for ourselves instead of telling us the answers. We do a lot of group work. Now I am better at listening to others and accepting their ideas. I have learned that when we work

together, we are better.

Changes in Learning

Omkar Barkdale, Gr. 9. Rutland Secondary School

styles ranging from ing with his grade 9 improve. kinesthetic to visual. classes. During Mr. Teachers are shifting from the traditional students by incorinto the classroom. creativity. Teachers have also pace they learn at.

Relova's classes, his of changes in learn- the tests and quiz-

fie Relova. He is a encouraged them. shown how students As a grade 9 stu- computer teacher Getting a higher can grow by themdent, I know that all at Rutland Second- mark in that class is selves. In his class, students learn dif- ary School and has based on your cu- there are a lot more ferently. We all have fully embraced the riosity and need to ways to demonstrate different learning changes in learn- understand how to your learning than

Another example

guidelines are based ing at schools across zes but he also lets methods to teaching around the learning the District is demon- you show how you targets and the rest strated by Mr. Allen understand the opporating technology requires your own McNabb, my Grade 9 eration so you don't math teacher. When spend time repeat-During one of his I talk to people who ing the units that you given students more classes, some of us graduated already, understand. of a choice in how felt we didn't have some say it used to they learn and the any good ideas and be a lot more test- when I finished my thought our ideas based and assign- test, I was given the One teacher who were too different, ments or paperwork. challenge of putting

of this is Mr. Ra- cepted the ideas and McNabb does has just tests.

He will still give all

Once during math, is a great example but Mr. Relova ac- The teaching Mr. a fork on a meter has gone into mak- cluded.



Rutland Senior Secondary Gr. 9 student Omkar Barkdale works together with teacher Rafie Relova.

stick's end and bal- ing the teaching sysancing it in the mid- tem better and more dle on two fingers. student-focused Then he taught me has been really apthe science and math preciated by a lot of behind the trick. All students around the in all, the work that District, myself in-

GROWTH MINDSET

All middle school students in Central Okanagan Public Schools participate in a year-end Presentation of Learning (POL). The POL is an integral part of a student's learning experience. Although a student's POL experience is a little different at each school, all students have an opportunity to reflect on how they have grown as a thinker, innovator, collaborator, contributor, and learner.



Harleen Uppal, Gr. 7, is looking forward to delivering her second Presentation of Learning at Rutland Middle School.

My First Presentation of Learning

Rob Aviani, Vice-Principal, Rutland Middle

At Rutland Middle School, a Presentation of Learning (POL) requires students to present their year's learning to a small audience of students, parents, and staff. Students are encouraged to craft their POL in a way that includes academic content as well as the students' growth as described by the core competencies. This past June, Harleen Uppal delivered her first POL as a grade 6 student.

"When I first heard about

POLs, I was really nervous to do it. I thought that it would be a lot of work, and my POL would not be very good. I also was nervous about speaking to an audience" said Harleen. "Once the process got started, everything got easier and easier. Writing about the artifacts that represented my learning came really easy to me."

"It's really important to talk about how you are a collaborator, innovator, and contributor" added Harleen. "These are the things that are most important about school."



A New Path Ahead at Constable Neil Bruce **Middle School - Presentations of Learning**

Kyla Babcock, Vice-Principal, Constable Neil Bruce Middle School

This year, students at Constable Neil Bruce Middle School (CNB) will create their own Presentations of Learning (POL).

These POLs serve many functions and correspond to British Columbia's revised curriculum and the Core Competencies.

Our goal at CNB is to support and empower students to create POLs that reflect their learning, improve and provide opportunities to practice their communication skills, and challenge them to think critically about their learning.

The POLs consist of students communicating their personal and academic growth over the year, highlighting pieces of work as evidence of that growth through a medium of their choice.

Students present to an audience of peers, adults and/or family members.



Constable Neil Bruce Middle School student Jaxon Mouillierat shares his learning through his Presentation of Learning to an interested audience.

how they learn, how to commu- achievement.

At CNB, we believe that when nicate their learning, and how to students become meaningfully self-assess and clarify additional engaged in their learning, they learning needs, leading to the ulgain a better understanding of timate goal of improving student

Talking about Bugs with the Kelowna Rotary Club

Raelyn Larment, Vice-Principal, École KLO Middle School

At Ècole KLO Middle School, we believe in the power of learning and the value in presenting our ideas and our reflections.

Sarah Hisdal and her presentation on ne nutritional value of insects is a great example of this. Sarah had the opportunity to showcase her learning and creative thinking to the Kelowna Rotary Club.

Sarah used humor, insight and practical research to reflect and increase her

Through this process, Sarah gained confidence in presenting, she reinforced her own learning and she won a cash prize of one hundred and twenty-five

Presentations of Learning at KLO provide a valuable platform for students to reflect and present on their learning.



Sarah Hisdal, Gr. 9, shares her learning about the nutritional value of insects with the Kelowna Rotary Club.

Sharing Our Learning

Hamish Macdonald & Tor Broughton, French Immersion Grade 8, École Dr. Knox Middle School

Presentations of Learning (POLs) are a culmination of learning from throughout the school year, or more simply known as a demonstration of learning.

Last year, we believe our teachers did a wonderful job of combining our Socials, Languages, Math and Science subjects together to create our POLs. The Social Studies aspect was very prominent, and we believe that truly benefited the project, as it gave the project a topic to focus on, rather than being a poorly executed culmination of subjects.

They all tied together quite nicely, with the Math and Science side complementing the Languages perspective, and likewise.

We both found it quite interesting to look into these ancient civilizations and explore their culture, mathematics and scientific discoveries compared to our modern world. While it is certain that all of these subjects impacted our learning, we learned many more important things from it as well, like acceptance, and a much more profound interest in our world. Studying about our histories as a world was impactful on many parts; being more aware of different cultures and how they have evolved throughout time has been eye-opening, and it has given us a much greater appreciation for where and who we are now. Certainly, one of the most significant improvements of this new curriculum is student choice.



Scenes from the 2018 Presentation of Learning Days at École Dr. Knox Middle School



GROWTH MINDSET

Critical Challenges

Thomas Gruenenwald, Vice-Principal, Springvalley Middle School

While middle school students have long used Presentations of Learning (POLs) in place of final exams, Springvalley Middle School (SMS) grades 6 and 7 students have had the opportunity to demonstrate their learning, skills and growth in the core competencies in a different

Teams of students have been taking on Critical Challenges (CC), using the Attributes of a Learner to design, build, and demonstrate machines and gadgets to solve problems they have identified themselves, or those that their teaching teams have posed.

Jenna likes the CC model because, "It makes it more interesting when you're in a group; you don't have to be told what to do from teachers, so you have an idea in your group to find level had Morse code in it."



Gr. 7 students Jenna Frenette and Taylor DeGroot discuss the opportunities in Critical Challenges

out what and how you're going to present."

Taylor adds that "there was a lot of freedom there; were." you could really get creative with it and collaborate and make it your own. We wanted to be creative and innovative and teach people something. The first with new people you hav-

Taylor feels, "It helps you get more creative in places where you didn't think you

Jenna and Taylor's advice for new grade 6 students: "be creative with it, have fun, see what works. Go in with a creative mindset and en't worked with before."

An Experienced Perspective on Presentations of Learning

Ashton Kleidon, Grade 9, Glenrosa Middle School

At Glenrosa Middle School, a Presentation of Learning (POL) requires students to present their year's learning to a small audience of peers and staff, and parents as well if they decide to join.

Students are urged to craft their POL in a way that incorporates academic content as well as the students' growth as represented by the core competencies. This past June, Ashton Kleidon delivered his second POL as a grade 8 student.



Ashton Kleidon provides valuable insight on his **Presentation of Learning** experience

"Although in past years I was confident of my ability, this year's POL proved to be a challenge. I focused have done for me."

on my writing, yet I lacked the required artifacts" said Ashton.

"However, when the project began, I worked steadily and produced the best piece of writing I had ever written. It defined my creative thinking capabilities and gave me newfound confidence moving forward."

"It's crucial to discuss your abilities, as a collaborator, innovator, and contributor, whether academic or personal" added Ashton. "These vital opportunities define your future, as they

Community **Partnerships** and Student Art

Warren Sookocheff, Teacher, Ècole Casorso Elementary School

Mr. Sookocheff's Grade 1 and 2 class at Ècole Casorso Elementary School has their art displayed on the 2nd floor of the new downtown Kelowna Community Health Centre.

These self-portraits were made on the first day of school and are all about taking risks, trusting in one's self, being free, and exploring artistic creativity

Mr. Sookocheff taught his students that mistakes are part of the artistic process and that making something beautiful requires taking risks, reflection, and planning. To encourage the young artists to trust themselves, Mr. Sookocheff had them use black oil pastel for their first outline. That meant no erasing – and the results are wonderful!

Mr. Sookocheff's class is so excited to Ecole Casorso Elementary School Gr. 2 share their work with the public. The spirited colour in their drawings makes them an uplifting and positive contribution to the Community Health Centre.



student Rowan Jackson was very proud when he went with his Mom to the new Kelowna Community Health Centre and saw his artwork displayed for everyone to see

Opportunities Grow.



Apply for the B.C. Training and Education Savings Grant

Sign up for a RESP today and apply for a \$1,200 grant from the Government of BC. For more information visit www.gov.bc.ca/TrainingandEducationSavingsGrant



Steve Thomson MLA Kelowna-Mission **(**250-712-3620

f/stephen.thomson.969

MLA Kelowna West **L**250-768-8426

Steve.Thomson.MLA@leg.bc.ca Ben.Stewart.MLA@leg.bc.ca f/benstewartbo

Ben Stewart

Norm Letnick MLA Kelowna-Lake Country **\$**250-765-8516

Norm.Letnick.MLA@leg.bc.ca f/normletnickbc

Anahi Kindergarten, Pearson Road Elementary School

Before I came to Kindergarten, I didn't know what a number sentence was. Now I can put tally marks into a number sentence and I know how to count to find the answer.

GROWTH MINDSET

BC Graduation Literacy Exam

Michelle Erickson, Teacher, George Elliot Secondary

The new BC Graduation Literacy Exam is designed to be an important supplementary component to a well-developed, classroom-based assessment scheme.

It is meant to accompany feedback, one-on-one conferencing and student-developed peer/self-assessments as a comprehensive tool to showcase student literacy skills across

The Literacy Exam will allow students the opportunity to develop their skills in making claims, collecting and assessing evidence, and writing to communicate findings.

These are skills that are directly linked to the BC redesigned curriculum core competencies and are embedded in student learning K through 12.

They have been identified as being crucial when considering 21st Century

The BC Graduation Literacy Exam is an example of the many ways in which the redesigned curriculum and assessment framework will support BC's students for the future.

Redesigned Curriculum at the Secondary Level

This year, BC's redesigned curriculum begins its implementation at the grade 10 level with grade 11 and 12 to follow. While many things have and will change as a result, some things have not; Grades 10 to 12 will still be the foundation of the BC Graduation Program and graduation itself will still be an important achievement as students transition from high school to whatever path they plan to follow afterwards. The redesigned curriculum is a response to the understanding pected to know, Competencies rect their own learning and to that the world our children are moving towards and will live in that existed even as recently as the turn of the century.

working in jobs that do not exist standing." today and that all of them need a skill set that will allow them to the world around them.

For teachers, the new model is broken down into three areas: dents to dig further into the understanding of real-world ap- and skills to succeed when they Content - what students are ex- connections they make, to di- plications so that students can get there.



GESS Students Participating in the Redesigned Curriculum

to do, and Big Ideas - what stu- sonally responsive and co-creis very different than the world dents are expected to under- ated way."

Teachers have the freedom to combine these three elements grow and learn and change with to personalize learning for every student.

"This flexibility allows stu-

what students are expected make meaning in both a per-

The new model was based on "Applying core competen- several needs: the flexibility to Advancements in technology cies to the big ideas facilitates innovate, to focus on higher orare happening so fast that it is student reflection on their own der learning, to address compedifficult to keep up. We do know learning which significantly tencies, to integrate Aboriginal that some of our children will be increases their personal under- ways of knowing and learning, to write both a literacy and nuto support individual subject meracy test before they graduspecialization, and cross-curric- ate. ular learning.

> theoretical or mathematical their chosen future and to enunderstanding to the physical sure they have the knowledge

demonstrate their understanding in a variety of ways."

For students, the core competencies of Creative and Critical Thinking, Communication and Personal and Social Awareness and Responsibility will connect their learning and understanding across their classes and beyond school. Students will be expected to reflect and be able to report on their own learning through the lenses of the com-

"My reflections put everything in order and help me to realize how my prior knowledge through questioning and predicting connects to my learning and to the competencies to help me understand better."

Despite the changes, literacy and numeracy foundations are still the fundamentals on which everything is built.

Every student will be required

The goal is for every student "There is now time to connect to be able to move towards

The Graduation Numeracy Assessment

Steven MacKenzie, Teacher, George Elliot Secondary School

The Graduation Numeracy Assessment is a new provincial assessment and a graduation requirement for all students graduating after June 30, 2018. The Graduation Numeracy Assessment is not tied to a specific math course. Rather, it assesses a student's numeracy skills developed over the course of their education.

The assessment is focused primarily on five strands of mathematics taken from elements of the Kindergarten to lum, with some selected Grade probability (simulations), and ment to improve their profi- ment to their ability.

Developing Extending **Emerging** Proficient **Proficiency** The student demon The student demo The student demon The student demon strates a complete understanding Scale understnading ed understanding of the concepts of the concepts of the concepts and 10 concepts. These strands in- financial literacy (simple bud-

clude number sense, patterns, gets, transactions and gross and geometry and measurement, data and probability, and financial literacy.

Grade 9/10 topics may innumbers, linear relations, spatial proportional reasoning, sta-Grade 9 mathematics curricu- tistics in society, experimental Graduation Numeracy Assess- student complete the assess-

net pay).

Students will take the assessment during their graduation years (Grades 10 - 12), and clude operations with rational schools will determine schedul-

ciency score up to two times. Their best level achieved will be counted as their final result.

Results will be reported using the proficiency scale.

Students will access results and a personalized performance report through the Student Transcripts Service.

The Graduation Numeracy Assessment typically requires two hours to complete; however, students may use an additional hour if they require the extra time.

At this time, graduation re-Students may rewrite the quirements are only that the



Central Okanagan Public Schools Partners with Junior Achievement BC



Left to right, Ecole KLO Students Cole Wiebe, Bryson Carlyle, Dylan George, and Jacob Miller

Vianne Kintzinger, Assistant Superintendent

The new Career Education curriculum provides students with the opportunity to make connections between what they learn in school and the local and global communities. Central Okanagan Public Schools have partnered with JABC (Junior

Achievement British Columbia) for the past 20 years, running 7 of their programs to over 54,000 of our grades 5 - 10 students. Programs offered to our students include:

More than Money (Gr. 4 - 5)

 Students use games and multimedia to learn about managing money

Our Business World (Gr. 5 - 6) • Students learn about the opportu-

nities and challenges of entrepreneurship in Canada

A Business of Our Own (Gr. 6 - 8)

• Students learn to build their own

Dollars with Sense (Gr. 7 - 9)

Students learn about money man-

agement skills Economics for Success (Gr. 8 - 10) Students plan an education and sense of who they are and how to use their strengths to succeed in the future.

JA is the world's largest not-forprofit organization dedicated to educating young people about business and inspiring youth to succeed in an ever-changing global

Through JA, our schools partner with professionals from the local community to explore career and financial literacy topics. Our teachers work alongside community members to provide mentorship opportunities to our students.

Central Okanagan Public Schools' partnership with JA has allowed students to have several touch points from within and outside of their school community to help explore work readiness, financial litercareer path and gain a stronger acy and entrepreneurship.

RECOGNITIONS

Celebrating our Students and Staff!

Here is a sampling of our students and staff who have been recently recognized for their outstanding accomplishments.

Prime Minister's Awards for Teaching Excellence in STEM (Science, Technology, Engineering and Mathematics)

Constable Neil Bruce Middle School Teacher Dan Massey was the recipient of the 2018 Certificate of Achievement from the Prime Minister's



Awards for Teaching Excellence in STEM (Science, Technology, Engineering and Mathematics).

The Teaching Excellence in STEM Awards honour outstanding Science, Technology, Engineering, and Mathematics teachers who help develop the culture of innovation that Canada needs today and in the future. Mr. Massey has provided unwavering support and encouragement to his students over the span of his career.

2018 Premier's Award for Indigenous Youth Excellence in Sport



Renay Willier is a grade 10 student at Mount Boucherie Secondary School who is a recipient of the 2018 Premier's Award for Indigenous Youth Excellence in Sport.

Renay started to play baseball at the age of six and by the age of thirteen she was playing competitively.

She is the only Canadian who participated in the Triple Crown World Series in San Diego in July 2018. Currently, she has a contract with the U16 Vancouver Patriot team, which makes her the only Canadian player in her age group with a full-time contract to play at the highest level of fast pitch.

In addition to her outstanding athletic tion A achievements, Renay is able to balance her egory.

school work and attend all sport tournaments while maintaining high academic above and beyond to make life better for and work ethic standards. above and beyond to make life better for students in British Columbia. Pictured in

Renay is grateful to her Dad for driving her to all her tournaments and helping her train. She also appreciates her sister who is a great support to her. Renay's message to all students is "with a positive attitude, strong effort and an open mind, EVERYTHING is possible".

2018 BC Retired Teacher's Association Golden Star Award Winner

South Rutland Elementary School Teacher Suzan Miles and her students were selected as one of the Golden Star Award



from the B.C. Retired Teachers'
Association Excellence in Public Education Committee for their Student-Senior Program "Sun Pointe Senior Buddies".

winners of 2018

In selecting the recipients, the Committee looked for applications that particularly developed rich and transforming relationships between students and seniors in their communities.

Premier's Awards for Excellence in Education Finalists

Rutland Middle School Teacher Carmen McDowell was a finalist in the Outstand-

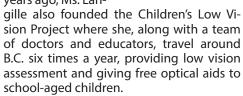
ing New Teacher category, and Mount Boucherie Secondary School Teacher Heather McIntosh was a finalist in the Technology and Innovation Award category. These



awards honour the efforts of those who go above and beyond to make life better for students in British Columbia. Pictured in the photo from left to right are Lieutenant Governor Jane Austin, Heather McIntosh, Superintendent of Schools/CEO Kevin Kaardal, Carmen McDowell, and Rob Fleming, Education Minister.

Excellence in Teaching Award

Vision Resource
Teacher Lynn Langille was the recipient of an Excellence in Teaching
Award for her dedication in supporting students with varying degrees of vision. Thirteen years ago, Ms. Langelle for the students of the students with the students with the students and the students will be supported to the stu



Mount Boucherie Secondary School Rugby Player Achievements

Mount Boucherie Secondary School stu-



dents achieved rugby-playing success with Taylor Herron receiving an invitation to play for Team BC, and Jordan Brown and Simon Paul receiving invitations to play for Team Canada.



Glenrosa Middle School provides me with many opportunities for my education and my future. One of my strengths as a learner is being goal-oriented. My first goal is to reach a 4.0 GPA. This will not only make me feel good but will allow me a better chance at university to become the best dentist ever! My second goal is to be part of the Aboriginal Leadership at Mount Boucherie Secondary School. My culture is a big part of who I am and I want to use it to empower others and to do good around me.

GROWTH MINDSET

BC School Sports (BCSS) Honour Award

North Glenmore Elementary School Vice-Principal Jill Voros received the BC School Sports (BCSS) Honour Award which recognizes outstanding coaches who have given their time to serve beyond the playing field.





BC Hockey 100th Anniversary Tour

Adrian Zuyderduyn, Vice Principal, Black Mountain Elementary School

On October 18th, BC Hockey visited Black Mountain Elementary School as part of its province-wide tour celebrating 100 years of amateur hockey in British Columbia.

In tandem with the World Junior Hockey Championship Organizing Committee, BC Hockey is traveling from town to town as a lead-up to the World Junior Championship in Vancouver this year.

Calling it the "Road to the World Juniors Tour", BC Hockey is working hard to continue to grow the game of hockey at the grassroots level by encouraging par-



Mascot Celly Strikes a Pose with the Kindergarten Students

ticipation and increasing community spirit for our beloved national pastime. Black Mountain Elementary School students were excited to experience the tour first-hand. With our gym set up with large banners and a floorball demonstration area, the BC Hockey visitors invited our students to learn more about am-

ateur hockey and helped some of the students learn some new skills. They even gifted us with a whole set of floorball equipment for our school!

A documentary crew was also on hand to take footage of the experience for its upcoming documentary for the "Road to the World Juniors Tour". All in all, it was a fantastic experience for our students and a wonderful way to showcase this great game. 100 years ago, hockey was exciting and new.

Well, that was then, and this is now; hockey is still what we're known for, so here's to another exciting 100 years!

50% MORE FUNDING FOR CANADA STUDENT GRANTS

More affordable post-secondary education. A strong career-path. Building your best future.



Stephen.Fuhr.c1@parl.gc.ca | 250.470.5075



District Student Council

Logan Braun, George Elliot Secondary School, and Keneisha Charles, Rutland Senior Secondary School, District Student Council Co-Presidents

District Student Council (DSC) is represented by all the secondary schools in the District.

The goal of the Council is to provide a student voice to the District and to increase the unity between schools.

From day one of this year, we have been hard at work representing District committees, organizing fundraisers, painting rainbow sidewalks, and spreading general school pride within our communities. One item on our agenda has been a District-wide Instagram page @districtstudentcouncil, run by the DSC.

We made this to showcase all of the brilliance within Central Okanagan Public Schools and to promote contributors. As Co-Presidents, we strive to make every voice heard in this school district; to include every opinion and not just our own.



Central **Okanagan Parent Advisory Council**

Sarah Shakespeare, COPAC President

Parent groups have been active in BC public schools for nearly 100 years! Parent Advisory Councils (PACs) were officially started in the late 1980's and District PACs were formed in 2002. The Central Okanagan Parent Advisory Council (COPAC) is committed to having representatives attend all School Board and District Meetings to ensure that parents have a voice in the School District.

We continue to form good relationships with the PACs in Central Okanagan Public Schools, so that we are able to have a personal insight into what parents would like to see regarding their school communities. Our goal is to make the school years a great experience for both the parents and the children equally. Each school has a CO-PAC Representative who is part of the PAC Executive Team.

These dedicated parents attend the monthly COPAC meeting that is held at Hollywood Road Education Services.

Central Okanagan Teachers' Association



Susan Bauhart, President, Central Okanagan Teachers' Association

gan Teachers' Association (COTA) has a rich history of teachers and students in

promoting public educa- teaching

THEN: COTA advocated behalf of students. Central Okana- for working conditions for teachers.

ing conditions, but also for tion system.

and learning conditions on

The COTA, as a member of the BCTF, will continue NOW: COTA advocates to act on behalf of its memworking for the rights of not only for their own work- bers in the public educa-

CUPE Local 3523



David Tether, President, On behalf of

In 1963, CUPE Local 523 began, which included CUPE members from services over 1500 memall of the Okanagan Val-

bership.

To date, CUPE Local 3523 bers and continues to work ley. Due to the number of collaboratively with teach-

CUPE members working ing staff and management for School District No. 23, at all levels. We are proud Local 3523 was formed in of the accomplishments 1995 to meet and support from our members who the needs of a large mem- work hard to help ensure success for all.



Central Okanagan Principals and **Vice-Principals Association**





Scott Sieben, President, Central Okanagan Principals and Vice-Principals Association

When we think of public school education, 'Then and Now', we have to realize that the education system that many of us went through was developed for success in the age of the Industrial Revolution.

Nowadays, students and their background experiences have changed, so our educational system must change as well. BC's re-designed curriculum enables teachers to personalize the learning for reers and opportunities.

their students, and the three R's have been replaced by the four C's (Critical Thinking, Creativity, Communication, and Collaboration).

Through all of the educational changes, Principals and Vice-Principals have continued to be school-based leaders and lifelong learners themselves, supporting, guiding, and redesigning the learning of all of the learners in our school commu-

Together, we are preparing our students for an unpredictable future that may involve multiple ca-



Disclaimer Message: Together We Learn is published through the support of the Deputy Superintendent's office, in accordance with the Central Okanagan Public School's Public Education Awareness Committee's (PEAC) Terms of Reference. The District's Newspapers in Education (NIE) Committee is instrumental in the production of the 'Together We Learn' editions. This publication is produced at no cost to the District. It is intended for parents who have students attending Central Okanagan Public Schools and includes information on District news, innovative programs and opportunities. Further District information and important dates can be found on the District website at www.sd23.bc.ca. Commercial advertising in this publication does not imply endorsement by Central Okanagan Public Schools. For more information, or to provide feedback or article suggestions, contact the Deputy Superintendent's office at 250-470-3225. For information on advertising in future editions, please contact the Kelowna Capital News at 250-763-3212 or adsales@kelownacapnews.com.

GYMNASTICS, TRAMPOLINE & PARKOUR PROGRAMS

LOCATIONS IN KELOWNA & WEST KELOWNA



SD#23

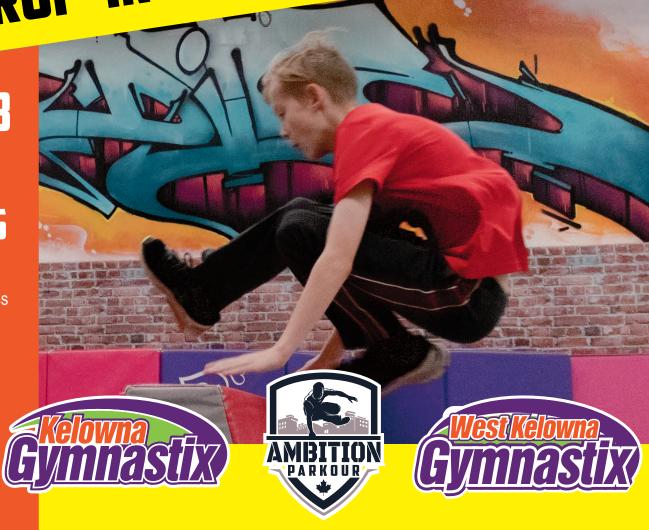
SCHOOL GYMNASTICS & PARKOUR PROGRAMS

Our on-location instruction provided by fully certified GymBC Instructors – get more access to gymnastics at a lower cost.

Let our GymBC certified instructors come instruct in your school providing access to more classes and take advantage of the savings with no busing costs. We bring our professional equipment to you!

Gymnastics & Parkour provides the Ultimate Foundation for all Sports & Physical Abilities. Develop skills to build students' physical fitness including: Body Awareness, Flexibility, Balance, Coordination & Strength.

We are proud to deliver our gymnastics programs in over 20 SD23 schools.



#225-1891 SPRINGFIELD ROAD, KELOWNA 778-484-7570

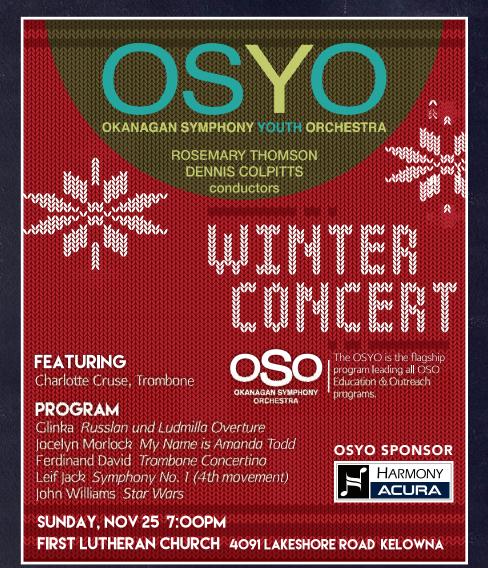
2035C LOUIE DRIVE, WEST KELOWNA 778-754-7716

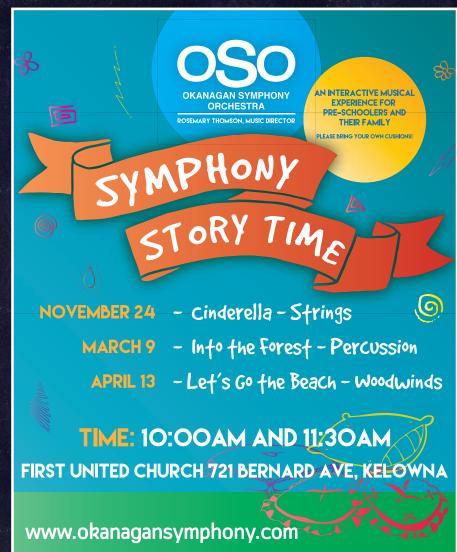
KELOWNAGYMNASTIX.CA

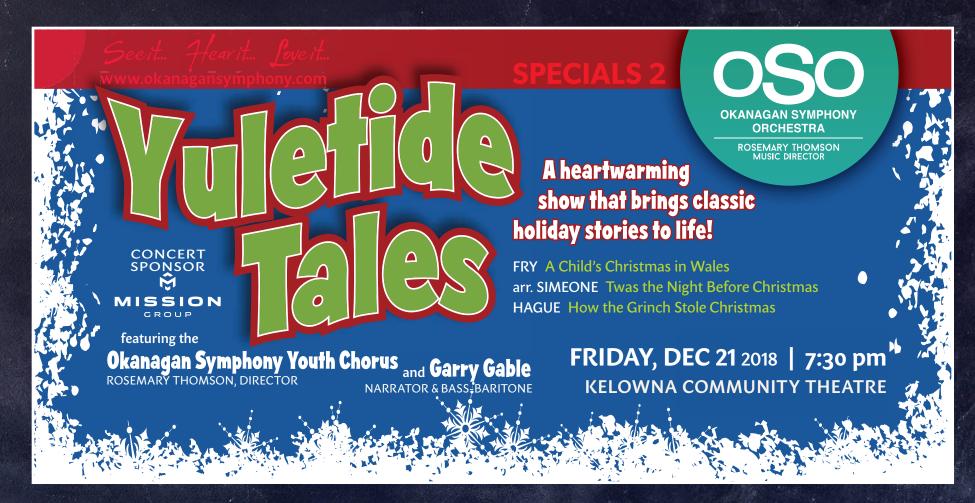
AMBITIONPARKOUR.CA

WESTKELOWNAGYMNASTIX.CA

the Okanagan Symphony is for kids & families!







Tickets and info for all shows, including Vernon and Penticton www.okanagansymphony.com/tickets/