

School District #60 (Peace River North)
Committee of the Whole
Regular Meeting
Monday, January 13, 2025 @ 1:30 p.m.
AGENDA

Education

1. Education Update

Stephen Petrucci, Superintendent

Departmental Reports

- | | |
|---|------------------|
| a) Careers/International/SWIS Departments
<i>Brian Campbell, District Principal</i> | 1:30 – 2:15 p.m. |
| b) Technology Department
<i>Jayson Jopio, IT Manager</i>
<i>Laurie Petrucci, District Vice-Principal</i> | 2:15 – 3:00 p.m. |
| c) Indigenous Education
<i>Pat Jansen, District Principal</i>
<i>Carleen Andrews, Director of Instruction</i> | 3:00 – 3:45 p.m. |

Governance

1. Board Meeting Follow Up Questions/Discussion

Helen Gilbert, Board Chair

2. Northern Interior Branch (NIB) Meeting – February 7 & 8, 2025

Operations

1. Operations Report (Attachment)

Angela Telford, Secretary-Treasurer



SD60 Technology Services

Framework for Enhancing Student Learning

Presented by Jayson Jopio and Laurie Petrucci
2025

Vision & Mission

Educational Vision

To drive success in learning with the support of educational technology. We see technology empowering our students and educators with innovative, accessible, and transformative learning opportunities. We envision learning where technology seamlessly integrates with pedagogy to foster personalized, inclusive, and lifelong learning experiences. Our commitment, as a technology department, is to support students and staff in capacity building to acquire technology skills that cultivates a digitally-literate generation ready to thrive in an ever-evolving global landscape, driven by creativity, critical thinking, and responsible digital citizenship.

Operational Mission

Our Department strives to provide the best technology support possible for our staff and students.

The department and our responsibilities

- IT Manager: Jayson Jopio
- District Vice-Principal - Innovation & Technology - Laurie Petrucci
- District Network Consultant - Rogelio Lascari
- Technology Facilitator, Admin Assistant - Holly Rowe
- Wide Area Network Specialist - Ryan London
- Senior Local Area Network Specialist – Dudes Antonio
- Local Area Network Specialist - JP Wood
- Local Area Network Specialist - Mark Cuerpo
- Local Area Network Specialist - Jeff Puno
- Local Area Network Specialist - Nathaniel Iglesias
- Library Media Technician - Vanessa Kloppenburg
- Library Media Technician – Pamela-Ann Malone
- Local Area Network Specialist NPSS - Jack Li
- Network Consultant - The Key Learning Centre - Syed Zaidi

EDUCATION TECHNOLOGY



Our Educational Technology goals align with the Board Strategic Plan:

- Student Learning
- People Development
- Truth & Reconciliation

Student Learning

Our goal for Technology Services involves seamlessly integrating technology with pedagogy, which means that technology should complement and enhance teaching and learning strategies rather than replacing them.

- 1) Support Inclusion and students with different learning needs
 - Students with inclusion needs are using Google Read & Write as well as iPad inclusive feature to access Speech-to-Text and Text-to-Audio features that is challenging for them to access without technology.
- 2) Teachers have new ways of assessing student work and communicating this learning with parents
 - Students can showcase their learning in multi-representation formats such as visually, orally or written expression using the SpacesEdu platform. Teachers are able to tag this work with curricular competencies covered in the learning and share assessment in real-time. Parents now have access to quality assessment that is ongoing throughout the year.
- 3) Technology fosters innovation in learning that can be hands-on, experiential and potentially land-based
 - Technology can introduce new and creative ways of teaching and learning, such as virtual reality, robotics, coding. Students can also participate in place-based learning via technology by taking devices outside to collect and record audio and visual samples to further explore and demonstrate learning.

Student Learning continued...

- Technology provides students with a tool to share their voice:
 - Students upload artifacts of learning to digital spaces and include self-assessments to demonstrate their growth in learning.
 - This year, Grade 6 students were encouraged to create podcasts using their iPads. The goal was to build confidence in their ability to demonstrate their learning orally and "on-the-spot" assessment. With the introduction of Artificial Intelligence in higher education, students will need to adjust to new ways of showing their understanding.
- Technology supports the development of critical thinking skills, problem solving skills and competencies:
 - Students have been accessing Mathology on school devices.
 - Students develop competencies in all areas of the learning standards via the use of technology applications such as Google Slides, Numbers, Explain Everything, iMovie
 - Media Arts, Careers, Math, Language Arts, Science, Social Studies

People Development

Technology Services provides learning support for staff in order to build their capacity and confidence in using digital technology to support learning.

Our department provides training to our EAs, Classroom Teachers and LATs in the use of technology

- Students may need reader and scribe support in both numeracy and literacy, which can be accessed with technology such as Google Read & Write, which includes speech-to-text or text-to-speech features.

The CWT program provides in-servicing and classroom visits to ensure that technology is used to foster quality learning using an iPad, which allows for quality assessment.

The district has a high turnover rate of staff, so our department works hard to ensure that staff have the necessary training and support in using technology to respond to our diverse needs of students

Truth & Reconciliation

Indigenous Ways of Knowing are embedded into educational technology learning opportunities.

Through technology and guided practice, students have learning opportunities that foster:

- The practical application of skills and knowledge
- Practical experimentation
- A qualitative oral record
- Communication of metaphor and story connected to life
- Integrated and applied to daily living

Educational Highlights this School Year

- The District Vice-Principal of Technology is collaborating with teachers in the district on a Pilot Project to support Communicating Student Learning via the SpacesEdu online application
- The Grade 6 teachers are working with their students to create Podcasts this year, which highlights Indigenous Ways of Knowing and the value of oral speaking competencies
- The tech department is collaborating with other staff in the district on the Artificial Intelligence (AI) Committee to consider how to use AI to support education
 - The focus this school year is to support staff in using AI.
 - The committee held a Professional Development Workshop titled Introducing AI in Education.
 - [Link to the video recording of the workshop](#)



OPERATIONAL GOALS

- To Promote and Enhance Cyber Security
- To Support Digital Learning
- To Maintain our Budget Allocation and Resources
- To Deliver Clear Communications
- To Manage Projects
- To Share our Ongoing Practices with the District

CYBER SECURITY

Strengthen

- Strengthen network security by using firewall provided by the Ministry, intrusion detection system and zero trust policy.

Ensure

- Ensure that all district devices have up-to-date windows operating system, patch and the anti-virus protection. The department also creates Privacy Impact Assessment (PIAs) for new apps and tech applications.

Develop

- Develop a business continuity and disaster recovery plan to ensure data and services are available in-case of cyberattacks or disasters.

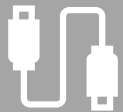
Implement

- Implement secure and regular data backups to ensure data can be restored in the event of data loss.

To Support Digital Learning



Ensure all staff members and students have access to necessary digital resources, such as computers, laptops, Chromebooks and iPads.



Ensure everyone has access to appropriate digital devices, whether school-owned or BYOD (Bring Your Own Device) and reliable internet connectivity during the building occupancy hours.

To Deliver Clear Communications

SD60 Tech Services

Not following Site access

+ New Page details Analytics

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e Staff at Technology Services

Rogelio Lascari
District Network Consultant
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Laurie Petrucci - District VP
Technology & Innovation
250-261-0425

Holly Rowe - Tech F
- Admin Assistant
250-794-5056

Ryan London

JP Wood

Mark Anthony Cuervo

Framework for Enhanced Student...

Helpdesk

- Tech Services launched our [SharePoint site](#) in September, 2024
- [Tech Services Department Wordpress site](#)
- The Department uses Teams to communicate within the department

To Manage Projects

- Upgraded our main servers in the Data Centre
- Windows10 end-of-life is October 14, 2025. The department is upgrading teacher stations and computer labs to Windows 11
- Created Cyber Security posters and business card reminders as part of the Board Initiative and Tech Services campaign
- Continue to manage CWT and School-owned devices
- Migrated eleven schools to Telus VOIP
 - This January, Tech Services will move into Phase 5 upgrades
 - Charlie Lake Elementary, CM Finch, Bert Ambrose, Anne Roberts Young, and Baldonnel

To Share our Ongoing Practices with the District

- Report out at monthly DLTMs to ensure schools are up-to-date on tech news
- Created and shared Forms for all the staff in district, which is available on our SharePoint
 - Staff travelling outside the country that need access to Office / MS 365 resources or services that require a Microsoft login can apply for a temporary international conditional access at the link below.
 - [Conditional Access Request Form for Out of Canada Travel](#)
 - The Virtual Private Network is required to connect to internally restricted resources (File Server, certain web resources etc) when outside of the district network. Apply for access at the link below.
 - [SD60 VPN Access Request Form](#)
 - Personal devices that require access to resources that are internally restricted (File Servers, certain web resources, etc.) are required to complete the form. Apply for access at the link below.
 - [Request for Personal Device SD60 Network Access](#)

CHALLENGES OUR DEPARTMENT FACES

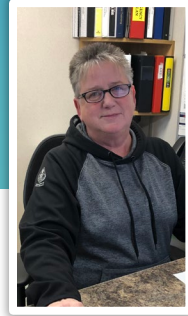
- Protecting the data and system from cyberattacks, including ransomware, phishing and data breaches.
- Legacy systems that are difficult and costly to replace.
- Downtime and Disaster Recovery to ensure continuity and minimizing downtime during technology failure.
- Hardware replacement is becoming more expensive.
- Staff turnover at school sites require additional time spent trouble-shooting with new staff on tech needs.
- Growing needs of our students requires continued training of our Learning Assistant and Resource Teachers so that they have the necessary technology skills to support Inclusion.

Thank You!

Operations Update



January 13, 2025



Facilities

- CM Finch – repairs being done to damage done by furnace not working in the portable. This caused pipes to burst and needed to be professionally remediated.
- NPSS – the science lab floor drain overflowed to the lower floor due to a pipe blockage. Repairs were completed with minimal disruption to school operations.
- Upper Halfway, Dr. Kearney, Central, Baldonnell, NPSS, Alwin Holland and Taylor schools have had roof, window and basement leaks due to the fluctuating weather changes
- Wonowon School Replacement – the first precast walls have arrived and have started to be fitted in place to the foundation footings (*pictures below*)
- RFP (Request for Proposal) is on BC Bid for the construction of the Dr. Kearney prefabricated addition of 8 classrooms
- Construction site signs have been erected at Wonowon Elementary and Dr. Kearney Middle schools
- Hired a temporary Labourer position
- Lead water sampling begins for the Ministry Report due at the end of the February.
- Remodeled Bert Bowes counselor's offices; created more functionality for meeting with students.
- Built a kitchen island at the ELC to bolster the meals program
- Installed new flooring at a Prespatou teacherage
- CM Finch canteen received an additional outlet for a second stove to increase capacity in their meals program
- Over the winter break, there were repairs done to three snow removal machines, which were not operational, and are now back up and running

Safety & Custodial

Safety

- BASC/Preschool First Aid – class scheduled for January 31 Pro D
- Workplace Violence Prevention Plan - review of risk assessments and processes
- Fire safety equipment inspection conducted over the winter break
- Chemical inventories at each site are being updated in preparation for new regulations
- Water sampling / lead testing being conducted
- Site-specific inspection development for middle / secondary school shops
- Review and updates to fire safety plans where renovations/projects have occurred

Custodial

- Plan for custodial support when 3rd party groups are in on the weekends
- All custodial positions have now been filled
- New equipment (backpack vacuum) being trialed at sites to enhance practices

Technology

- All employees can now access the Conditional Access Policy, VPN Access, and Request for Personal Network Device Access Form via the Technology Sharepoint site: <https://prnbcca.sharepoint.com/sites/SD60TS/SitePages/Forms.aspx>
- Technology staff attended a Cybersecurity Incident Response Retainer Information session with Focused Education which would enable the district to access a third party in the case of a cyber attack
- The data center host servers were successfully upgraded over the Christmas break
- There are five sites that will be getting VoIP (voice over internet protocol) before the end of the school year. They are CM Finch, Charlie Lake School, Bert Ambrose and Anne Roberts Young Elementary.

Transportation

- A bus driver fell during the course of work and required surgery. There is no replacement driver for that run, so it will not be operational until we find a replacement.
- Had a successful interview for the mechanics posting. The position will be offered and the start date to be determined. There are currently two mechanics working.
- The last two orders of buses have been experiencing a lot of DEF (diesel exhaust fluid) and have been in the shop for warranty work



(Pictures from Wonowon School Replacement Project)