

Staff Report



October 22, 2024

To Board of Education (Public Meeting)

From Sean Nosek, Superintendent/CEO

Re **Information Technology (IT) Department – Strategic Plan Progress Report**

This report is presented to the Board for information.

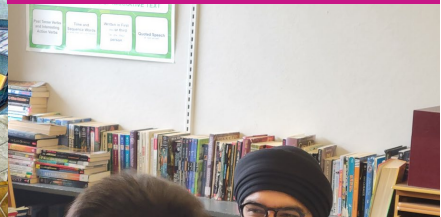
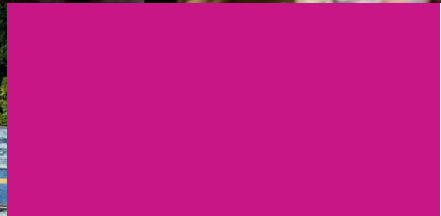
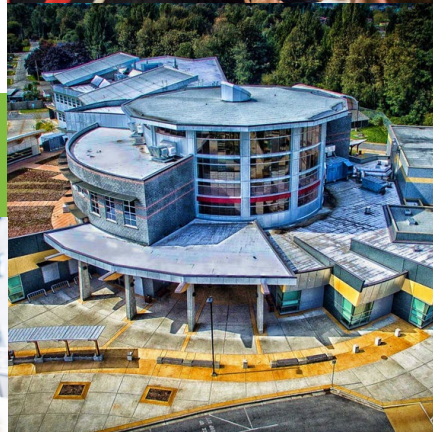
BACKGROUND:

Karman O'Brien, Director of Information Technology, will provide a progress report to the Board highlighting achievements related to how the Information Technology Department worked on improving the ethical and innovative use of technology.



IT Department Strategic Plan Progress Report

Karman O'Brien
October 22, 2024



Our Department & Strategic Focus

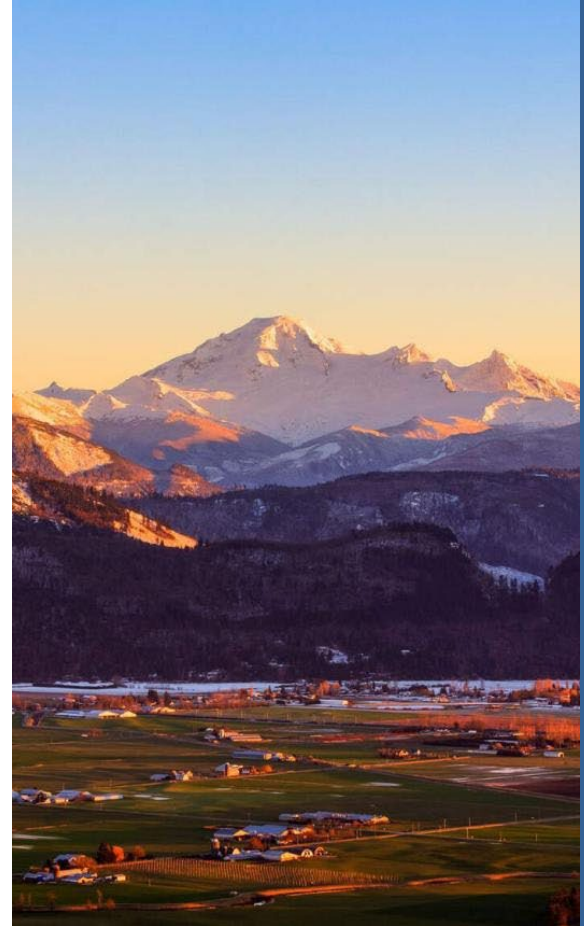


About Our Department

The Information Technology Department serves as the backbone of the school district's digital infrastructure, ensuring that students, faculty, and staff have seamless and secure access to the tools and resources necessary for effective teaching and learning. Our responsibilities include:

- Infrastructure Management
- Cybersecurity
- Educational Technology
- Data Management
- User Support
- Strategic Planning

The IT department is committed to fostering a digital environment that promotes academic excellence, ensures safety, and supports the four pillars of our strategic plan.



Strategic Plan Pillar Connected to Our Work...



Student Success

Our students will be engaged, challenged, and prepared for a lifetime of success.



Optimized Resources

We will be creative and responsible in the management of our educational resources.



Engaging Opportunities

We will provide engaging opportunities for every member of our organization to contribute to student success.



Progressive Workforce

We will provide a workplace that fosters creativity, inspires excellence, and challenges everyone to embrace growth.

Looking Back: 2023/24 School Year



OBJECTIVE:

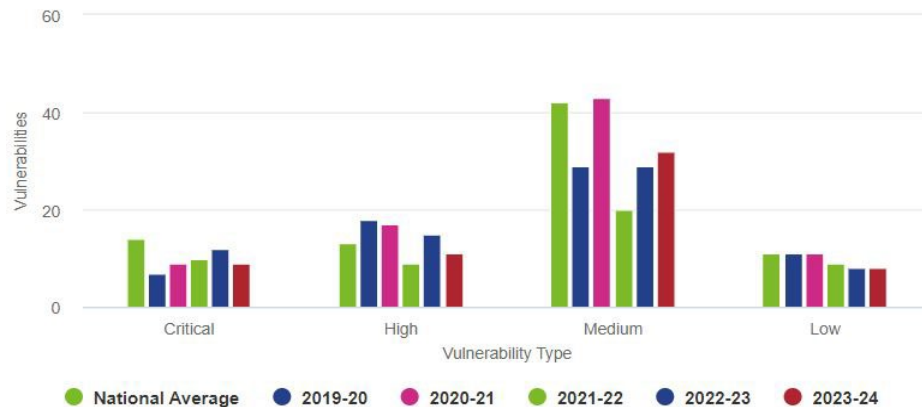
Improve the ethical and innovative use of technology



ACTIVITIES:

- Implemented Veronis Data Security & Privacy Platform
- Continuous improvement of the Districts IT Security posture including the implementation of a Zero Trust Network Architecture

IT Systems - Vulnerability Test Results



Key Projects & Activities

- We upgraded the Uninterruptable Power Supply in the Datacentre with a secondary unit to improve system stability and uptime during power outages.
- We completed a major upgrade to the system (ClearPass) that runs our Wireless Infrastructure in the district improving the security, stability and ease of administration for the system.
- Replaced and upgraded our Storage Area Network providing addition performance, redundancy, increased capacity and redundancy.

Successes



- Utilizing iPads to increase engagement with Newcomers
- Implementation of student password resets via School Connect
- Addition of new learning accelerators in Microsoft Teams for Teachers/Students

Emerging Areas of Need



The upcoming hardware refresh presents an opportunity to lower the threshold of device access for both staff and students to facilitate higher educational outcomes for students, increase productivity for staff and improve both retention and attraction for hard-to-fill job positions.

Looking Ahead: 2024/25 School Year



Future Plans



- Our four-year District IT Roadmap refresh cycle begins this school year with the rollout of new tech in summer 2025!
- New laptop/desktop platforms are integrating Artificial Intelligence into the architecture with the potential to improve productivity and security.

Thank you.

Questions?





Objectives progress report

Strategic Plan 2023-24

Reporting dates not set

Report Created On: Oct 18, 2024

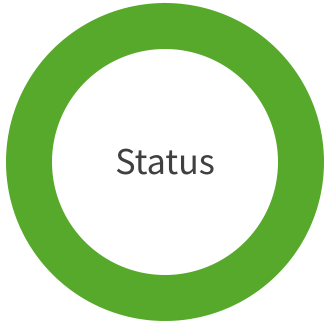
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Strategic Pillar

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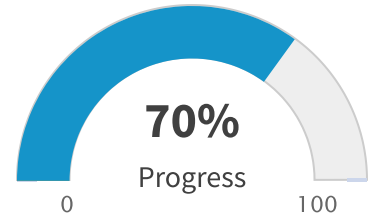
Objectives

Overall Summary



On Track

%
100.0



Progress 70%

Engaging Opportunities

We'll be listening and watching. We will provide engaging opportunities for every member of our organization to contribute to student success.

Progress 70%

Improve the ethical and innovative use of technology.

IT Systems - Vulnerability Test Results

IT Systems - Vulnerability Test Results

