

# Technology Strategy Overview

*Enabling Learning · Protecting Trust · Managing Risk*

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Board Presentation · 2026 Strategic Technology Plan

Student Learning  
& Access

Cybersecurity &  
Organizational Risk

Data Privacy  
& Compliance

Future-Ready  
Digital Ecosystem

Four integrated priorities guiding technology investment and decision-making across MHPSD

## 01 Student Learning & Access

*Reliable & Sustainable Classrooms*



Practical flexibility, a classroom-first approach

## 02 Cybersecurity & Organizational Risk

*Division-Wide Protection*



Enterprise-grade security for a K–12 environment

## 03 Data Privacy & Compliance

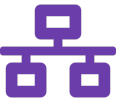
*Regulatory Alignment*



Privacy as governance — not just IT compliance

## 04 Future-Ready Digital Ecosystem

*Modern, Secure, Sustainable*



Building today's foundation for tomorrow's technologies

## PILLAR 01

# Student Learning and Access

*Supporting classroom continuity through practical, sustainable technology decisions.*

*“Technology decisions should support learning first – with flexibility, continuity, and responsible stewardship built in.”*

## Example Priority: Classroom Laptop Project

A classroom hardware refresh that improves teacher flexibility while keeping the focus on reliable instructional access.

## Optional Overnight Flexibility

Teachers have the option to take the classroom laptop home overnight if needed, while school-based loaners help ensure classrooms remain equipped for instruction.

## Consistent Classroom Technology Standards

Classroom technology is managed through common standards, planned replacement cycles, and supportable solutions that keep learning spaces reliable and sustainable.

## Board Takeaway

The classroom laptop project is one example of how Technology Services is aligning hardware refresh decisions with learning continuity, staff flexibility, and responsible spending.



*Practical flexibility,  
a classroom-first approach*

## PILLAR 02

# Cybersecurity & Organizational Risk

## Division-Wide Protection

*“A cyber incident affects the entire division — not just our systems.”*

### Continuous Monitoring & Threat Response

Division systems are monitored around the clock with automated detection and response capabilities across all devices and users.

### Layered Defence Strategy

Multiple independent security controls work together so that no single point of failure exposes the division.

### Access & Identity Management

Access to division systems is governed by strong controls that ensure only authorized staff can reach sensitive information.

### Board Takeaway

Cybersecurity is now an enterprise risk — comparable to financial or reputational risk. We have invested in enterprise-grade protection and are focused on continuous, measurable improvement in our security posture.



*Enterprise-grade security  
for a K-12 environment*

PILLAR 03

# Student Data Privacy & Compliance

*Regulatory Alignment & Public Trust*

*“Protecting student data is foundational to maintaining public trust.”*

## Protection of Privacy Act (POPA)

Where required by Alberta law, formal privacy assessments are submitted to the provincial privacy regulator for review.

## Sensitive Data Stewardship

Sensitive information is managed with clear accountability, appropriate safeguards, and controlled access to ensure it is handled responsibly across the division.

## Privacy by Design

Privacy protections are built into new systems and processes from the start — not added as an afterthought after a tool is already in use.

## Board Takeaway

The division is proactively reducing legal and reputational risk through formal privacy governance — not waiting for a breach to compel action.



*Privacy as governance —  
not just IT compliance*

## PILLAR 04

# Future-Ready Digital Ecosystem

*Modern, Secure, Sustainable*

*“Building a stable foundation for today’s classrooms and tomorrow’s technologies.”*

## AI in the Classroom

Microsoft Copilot supports staff with document creation, communication, and planning. Google Gemini provides students guided AI assistance within Workspace.

## Infrastructure Modernization

Continuous network upgrades, device lifecycle management, and migration from aging on-premise systems to scalable cloud-based platforms.

## Integrated Systems

Student Information System (SIS), Learning Management System (LMS), Parent Communication, and Provincial Reporting systems work together — reducing duplication and simplifying staff workflows.

## Sustainability & Cost Control

Long-term device replacement cycles, licensing reviews, and budget modelling ensure technology spending is intentional and outcome-aligned.

# Looking Forward

Across classroom access, cybersecurity, data privacy, and our digital ecosystem — the common theme is this:

*Technology is a strategic enabler across the division, and we are continuing to expand its impact on learning, operations, and risk management.*

## Strategic Priorities

Student Learning  
& Access

Cybersecurity &  
Org. Risk

Data Privacy  
& Compliance

Future-Ready  
Ecosystem

## Questions & Discussion