

District Updates on Technology and Information

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Background & Purpose

Broad Technology Assessment

A ninety-day district-wide review gathered input from our learning community to evaluate technology use.

Strategic Vision Development

The vision aims to create a secure, modern, and student-centered technology environment for the next 3-4 years.

Enhanced Learning and Support

Focus on improving learning experiences, supporting staff roles, and strengthening community engagement through technology.



Applying My Experience



Over 30 years of experience in technology, with 20 years dedicated to K-12 education



Deep understanding of how technology impacts learning, operations, and equity in schools



Vision shaped by lessons learned: prioritize secure, modern, and student-centered technology



Commitment to continuous improvement and adapting to evolving educational needs



Cybersecurity

Comprehensive Security Strategy

The district uses modern tools and layered safeguards to protect sensitive data effectively.

Continuous Training and Awareness

Regular training sessions foster a culture of security awareness and proactive defense among staff.

Building Trust and Resilience

Embedding security practices district-wide builds trust and ensures resilience against cyber threats.



Infrastructure Modernization

Network Upgrades

Upgrading networks will provide fast, reliable, and secure access across classrooms, offices, and community spaces.

Technology Accessibility

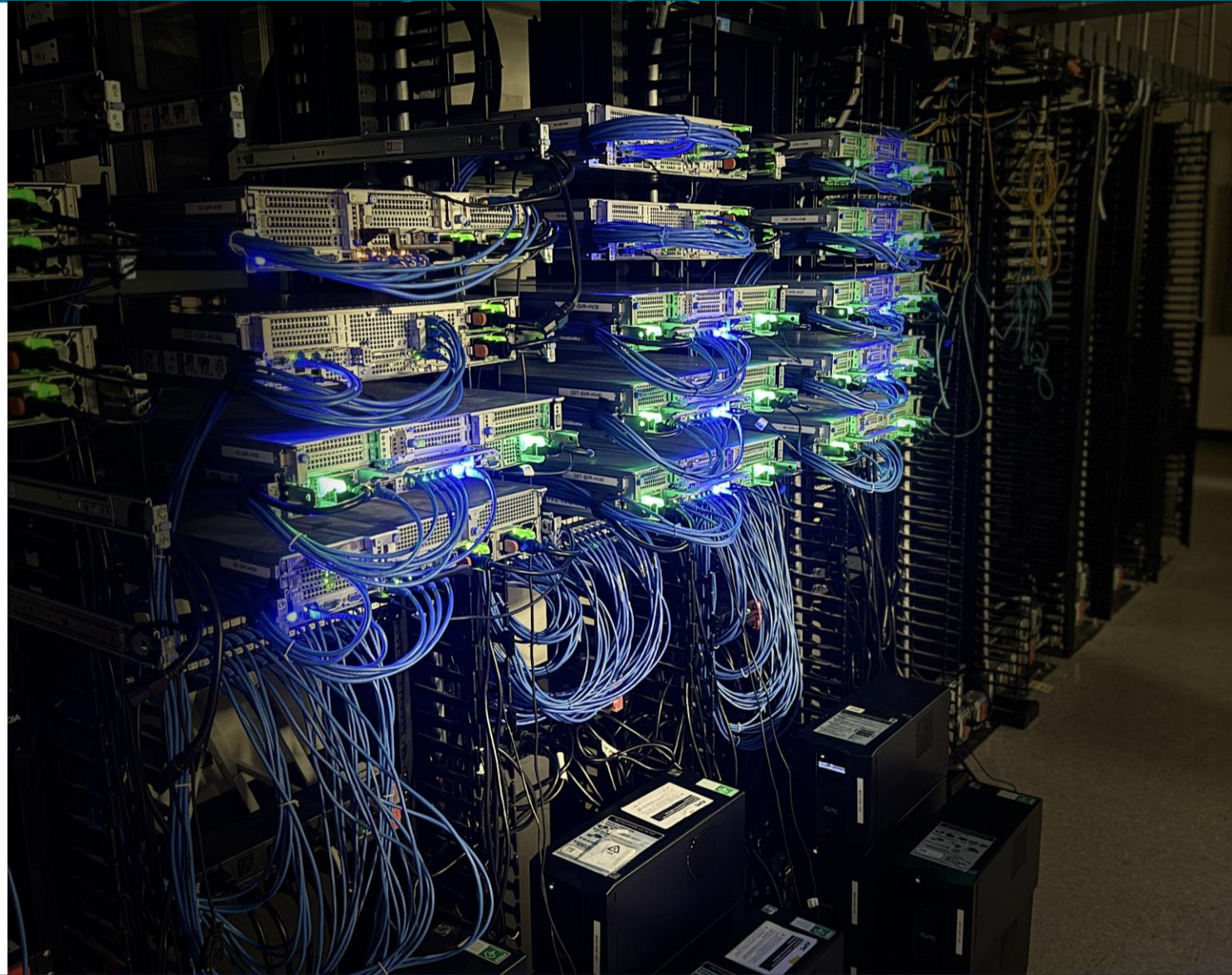
Infrastructure modernization ensures technology is accessible anytime and anywhere to support operations and learning.

Supporting Innovation

Enhanced connectivity supports innovative teaching methods and efficient administrative processes.

Future Readiness

Infrastructure upgrades lay the foundation for future technological advancements and growth.





Student Experience

Evaluating Digital Tools

Regular assessment ensures student technology is effective, reliable, and equitable for all learners.

Incorporating Student Feedback

Student input guides improvements, making technology more engaging and supportive of learning goals.

Empowering Through Equitable Access

Equity isn't a side note, it's the foundation. By providing high-quality tools and designing systems that support every learner, we strengthen digital literacy and enrich educational journeys for all, not just the average student.



Artificial Intelligence (AI)

AI for Teacher Support

AI tools assist teachers by saving time and streamlining administrative tasks for better efficiency.

Enhanced Student Learning

AI enhances student learning experiences by personalizing education and providing adaptive resources.

Privacy and Ethical Safeguards

Implementing AI includes strong safeguards to protect privacy, integrity, and ensure ethical use.





Educational Technology

Teacher Professional Development

Expanding professional learning opportunities equips educators with skills to effectively integrate technology in teaching.

Core Educational Platforms

Promoting consistent use of platforms like Canvas supports streamlined teaching and learning processes.

Enhanced Student Engagement

Innovative digital tools foster student collaboration, creativity, and personalized learning experiences.

Alignment with Pedagogy

Strategic use of technology aligns with best teaching practices to improve academic outcomes.



Data-Driven Decisions

Data Infrastructure Setup

Building a data warehouse and dedicated team enables integration of multiple information systems.

Data Visualization and Dashboards

Clear dashboards support instructional and operational decision-making with real-time data insights.

Data-Driven Culture

Fostering transparency and accountability to drive continuous improvement and strategic planning.





Customer Service

Deploying School-Based IT Staff

School-based IT staff provide timely, localized support to students and staff, improving service efficiency and responsiveness.

Improving Communication Channels

Enhancing communication channels ensures effective information flow and quicker resolution of technology issues.

Fostering Service Culture

Promoting a culture that treats technology as a service boosts user satisfaction and supports daily activities efficiently.

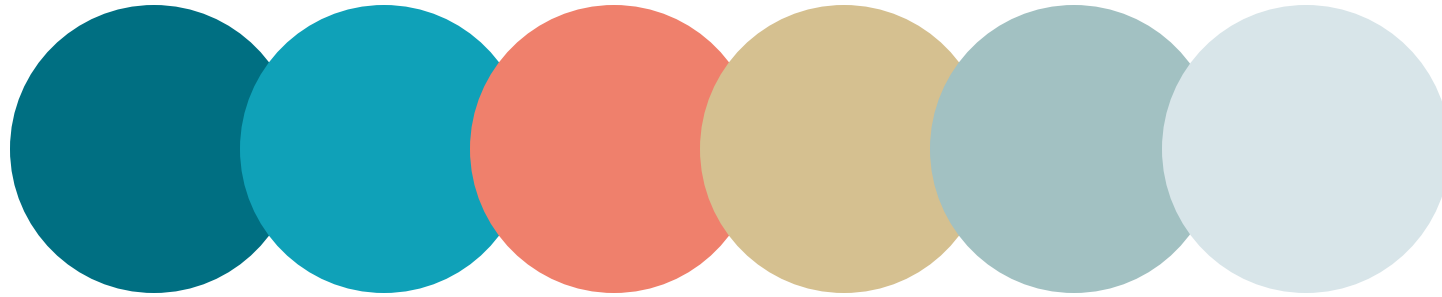




What Success Looks like

- **Improved student engagement and achievement**
- **Faster, more responsive tech support**
- **Data-informed decisions at every level**
- **Technology as a bridge, not a barrier to learning**





Thank You

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