

Strategic Technology Plan Update

Board of Education, 2/22/23

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MDUSD Technology Plan Imperatives

Empower teachers to provide relevant meaningful instructional opportunities through technology.

Provide students with regular, meaningful opportunities to engage with the modern world through technology to become college and career ready.

Ensure the District can maintain the necessary technologies and support systems to ensure every student graduates ready to thrive in a technology-rich world.

Accomplishments in 2022-23

- Our District-wide 1:1 program for students is now fully implemented and by June, 2023, all teachers will have been issued an up-to-date Windows laptop (Action Steps 2.1.1, 2.1.2)
- A District Education Specification (Ed. Spec.) will be presented to the Board of Education this evening (Action Step 2.1.7)
- An improved “zone system” for more responsive IT support to schools is in operation (Action Step 3.1.2)



35,000⁺

Devices Distributed Students and Staff

1 : 2500

Ratio of Devices to IT Support Specialists

Accomplishments in 2022-23

- An architectural services plan for network infrastructure at the initial 12 sites will be presented for Board of Education consideration, March 8, 2023 (Action Steps 4.1.2, 4.1.3, 4.1.4)
- A department reorganization has better aligned IT staffing to the current needs of our sites (Action Step 4.3.1)
- In collaboration with Teamsters, a modernization of three critical job descriptions has improved our ability to recruit and retain IT staff (Action Step 4.3.2)



Accomplishments in 2022-23

- Improved and modernized systems and partnerships for backups, disaster recovery, and cybersecurity protection and response are in place (Action Steps 4.4.2, 4.4.4)
- An Incident Response Plan is in place for Ransomware, with additional plans to be added (Action Step 5.1.3)
- Technology equipment refreshes, including Chromebooks, laptops, desktops, copiers, and printers are underway (Action Step 6.1.1)
- A renaming to the Department of Information Technology (I.T. Department, or just “IT”) is complete (Action Step 7.3.2)

Challenges in 2022-23

- Modern asset management (Action Step 2.1.4)
 - Proposal for a more robust asset management system coming soon
- Educational Technology Coordinator (Goals 1, 2, 3)
 - Hired Erin Vallejo, starts February 27, 2023
- Management tools for Windows devices (Goals 2, 3)
 - Proposal for improved management and streamlined licensing coming soon
- Security improvements (Goal 5)
 - Impact on staff practices



Next Steps and Current Work in the IT Department

- Conduct our annual review of the Technology Strategic Plan
 - Strategic Planning Committee, Spring, 2023
 - Anticipated presentation for Board of Education input, June 14, 2023, with final approval on August 16, 2023
- Network infrastructure plan (to Board of Education, March 8, 2023)
 - Conducted May - August, 2023
- Network design (12 Board-Approved Prioritized Sites)
 - Begins Fall, 2023
- Promote equity through equipment refresh and standardization
 - Copiers are fully deployed
 - Laptops, desktops, printers scheduled for completion by June, 2023
 - Support for nonstandard equipment, such as Apple devices, specialty printers, etc., only based on clear demonstrated need
- Ongoing information and cybersecurity improvements

Thank you!

Questions?