

Strategic Technology Plan Update

Board of Education, 5/11/22

Dr. Lisa Gonzales, Chief Business Officer

Robert C. Sidford, Director of Technology and Innovation

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Progress Monitoring

Board of Education Update Schedule:

- ✓ August, 2021
- ✓ December, 2021
- ✓ May, 2022



Three 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.



25,000+

Chromebooks distributed to MDUSD students in grades 2- 12

Highlights: 2021-22

- Distributed 1:1 devices to all students in grades 2 through 12. (2.1.1)
- Deployed new teacher laptops to sites based upon need. (2.1.2)
- Developed district-wide Digital Citizenship curriculum for rollout in 2022-23. (1.1.2)
- Created TK-12 and Grade-Level Technology Scope & Sequence framework documents for teaching and learning with technology with district TILs (Technology Integration Leaders) . (1.1.1)
- Completed the annual review and update to Strategic Technology Plan with inclusive stakeholder task force. (7.1.6)

Highlights: 2021-22

- Deployed an equitable District-wide work order system allowing user submission and resolution of technology support requests that allows clear prioritization of tasks to best meet the needs of users. (3.1.1)
- Established a list of approved digital tools for learning and teaching that meet MDUSD data privacy and security standards, and created a process for the submission of new tools. (1.2.2)
- Deployed a centralized asset management system (Follett-Destiny) to serve all District sites as a single repository for device inventory. (2.1.4)

Update & Review: 2021-22



- Task force meetings to review/update STP held in Feb, Mar, & April
- Task force committee included teachers, site administrators, students, and community members from across MDUSD
 - **Teachers:** Joseph Alvarico, Lindsey Nakashima, Shawna Patterson, Michael Utzig
 - **Site Administrators & Staff:** Aurelia Buscemi, Christopher Clausen, Kevin Honey, Suleyma Moss, Chloe Park, Tyler Rosecrans, Martha Thomas
 - **District Staff:** Craig Bocks, Jeff Garaventa, Megan Gerdts, Lisa Gonzales, Jennifer Martin, Tara O'Keefe, Ray Tjen-A-Looi, Matt Rosso, Robert Sidford
 - **Students & Community Members:** Meera Chakradeo, Shannon Cherry, Amneris Galarza, Mark Rainier Catapusan, Amayra Samaniego, Greg Taylor
- Discussion and outcomes from task force focused on progress made toward STP Action Steps during 2021-22 school year.

Goal 3 - Strategy 3.1



Strategy 3.1: Establish an enterprise model of technology support to best meet the needs of a modern, technology rich organization.	Prog To 8-3-21	Prog To 12-8-21	Progress Through 4-27-22 <i>(Evidence of Implementation, Area(s) of Focus for Progress, Open Questions)</i>
<p>Action Step 3.1.1: Deploy and support an equitable District-wide work order system allowing user submission and resolution of technology support requests that allows clear prioritization of tasks to best meet the needs of users. Ensure all staff can enter work orders. Minimize the use of alternative channels for requesting technical support, such as email and shared support mailboxes.</p>	Impl. in Progress	Fully Impl.	Technology Work Order System is up and running for all members of the district staff. Outside access now requires VPN for security purposes. Email is used minimally for answering technical questions.
<p>Action Step 3.1.2: Transition to equitable zone system of deploying field technicians, prioritizing need over "time on site," & fostering collaborative support among technicians.</p>	Impl. in Progress	Fully Impl.	Network techs completing work orders based on priorities and participate in district level projects when needed. For example, Elementary grades 2-5 1:1 rollout expedited via Net I's and Net II's.
<p>Action Step 3.1.3: Maximize the capacity of all Technology and Information Systems staff to use remote support software to address user needs quickly, including deployment, troubleshooting, and technical support.</p>	Impl. in Progress	Impl. in Progress	Dameware has been purchased for remote access. Mosyle can do this for the Macs and iPads.
<p>Action Step 3.1.4: Strengthen collaborative efforts between Technology and Information Systems staff and site Technology Integration Leaders (TILs) through resources and training and by allowing access for TILs to the work order system.</p>	Planning In Progress	Planning In Progress	Majority of TILs have curriculum focus. Some may be given access to work order system. Site admins may want to request access.
<p>Action Step 3.1.5: Refresh and regularly update the Technology and Information Systems web page enabling users to more readily access resources for self-help and include commonly requested support and training resources.</p>	Impl. in Progress	Fully Impl.	Purchasing info needs constant updating. Site info for tech purchases and digital tools need to have when it was last updated.

Task force review and discussion focused on Progress during 2021-22 school year



Areas of Focus: 2022-23

- Create and maintain a more systemic approach to professional learning for staff to support student-centered learning with new technologies. (Strategy 1.3, 2.1)
- Implement and communicate clear expectations around digital citizenship curriculum, grade-level learning goals with technology, and device management. (Strategy 1.2, 3.2)
- Continue thorough planning and implementation of sustainable upgrades and enhancements in the areas of network infrastructure, connectivity, data privacy/security, internet scalability and capacity. (Strategy 4.1, 4.4, & 5.2)



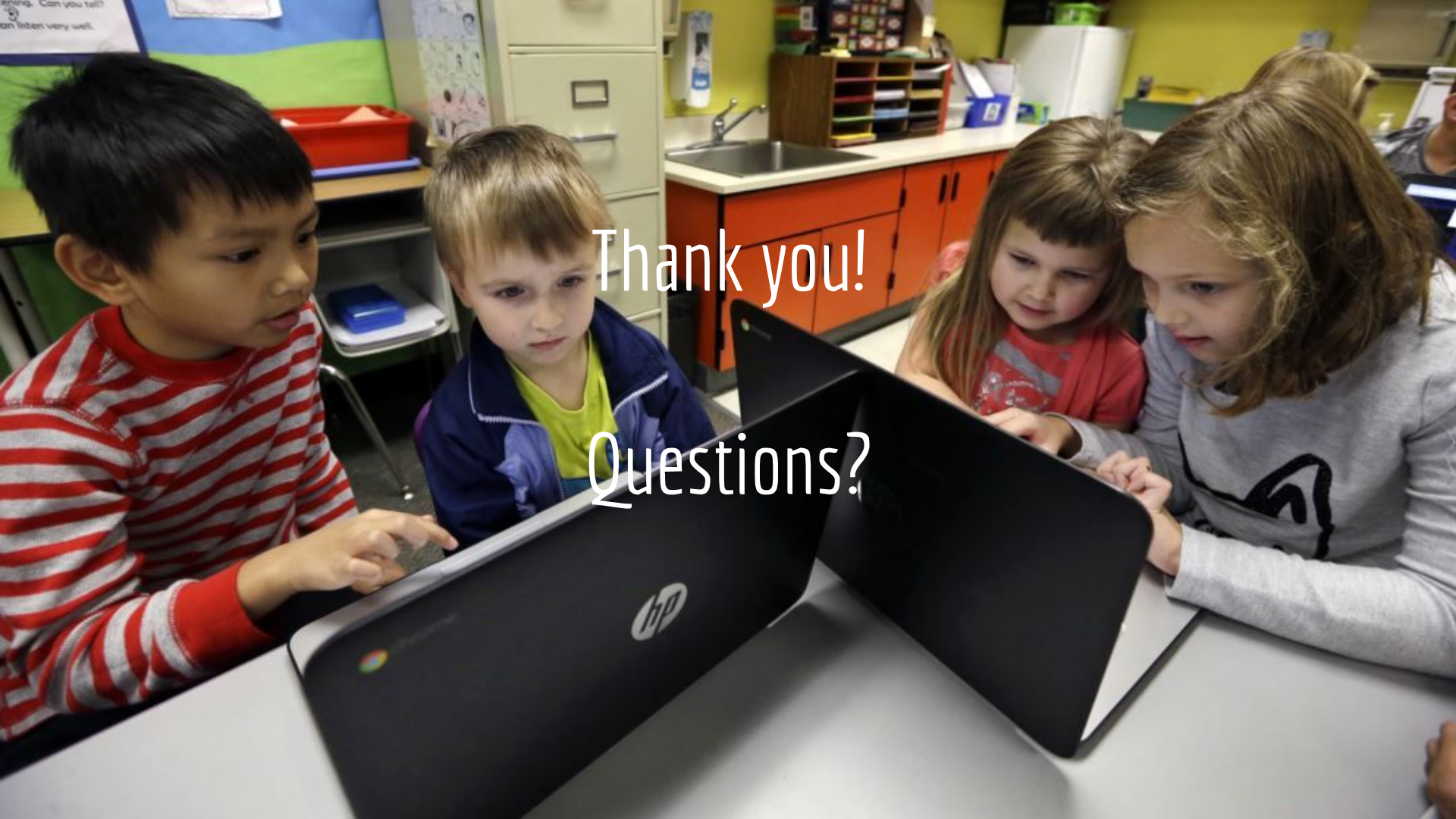
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Strategic Technology Plan
2021-2031
2022 Annual Update

4-24-22

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Thank you!

Questions?