Strategic Technology Plan Update

Board of Education, 12/8/21

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Progress Monitoring

Board of Education Update Schedule:

- August
- December
- April

Progress Monitoring

Fully Implemented	Implementation in Progress	Planning in Progress	Not Started

Goal 1: Modern Learning and Teaching			
Strategy 1.1: All students will regularly use technology to engage with curriculum	Progress Through 8-3-21	Progress Through 12-8-21	Progress Through 4-27-22
Action Step 1.1.1: Adopt and implement a framework for learning and teaching with technology that articulates a core set of instructional practices that support student modern learning skills and technology literacy skills as outlined in the Common Core State Standards, International Society for Technology in Education (ISTE) Standards for Students, and California Model School Library Standards.	Planning in Progress	Planning in Progress	
Action Step 1.1.2: Develop and implement a District-wide Digital Citizenship Curriculum, designed to be embedded within curricular content at all grade levels.	Implementation in Progress	Implementation in Progress	
Strategy 1.2: Provide quality, curriculum-aligned digital resources for learning and teaching	Progress Through 8-3-21	Progress Through 12-8-21	Progress Through 4-27-22
Action Step 1.2.1: Maintain a set of core digital platforms, such as Google Classroom, to ensure consistent, reliable access to curricular materials for students across learning modalities.	Fully Implemented	Fully Implemented	

Three Imperatives

Empower teachers to provide relevant meaningful instructional opportunities through technology.
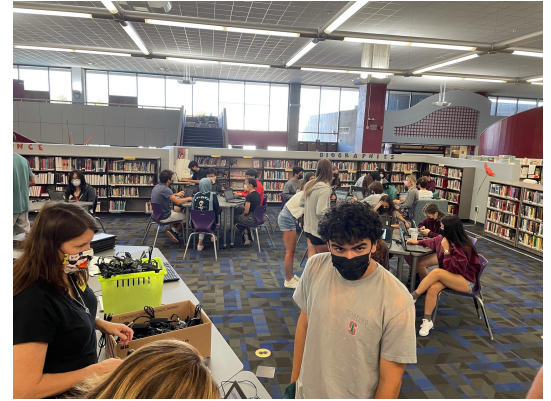

Provide students with regular, meaningful opportunities to engage with the modern world through technology to become college and career ready.

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

Progress Monitoring: August - December, 2021

Action Step 2.1.1: Continue and expand the increased access to devices begun under Distance Learning by supporting and sustaining 1:1 take-home programs at all secondary schools beginning in the 2021/22 school year. Redistribute devices as possible to support a 1:1 ratio (non-take-home) at elementary schools. Explore 1:1 take-home programs at elementary schools through the 2021/22 school year.

Action Step 2.1.2: Refresh teacher laptops at 1:1 schools in 2021/22 and at non-1:1 schools in 2022/23 through 2023/24, by providing a supported District standard laptop device.

16,000

New HP G8 Chromebooks distributed to MDUSD secondary students

Highlights: August - December, 2021

- Distributed 1:1 devices to all comprehensive middle and high school students, including alternative education and special programs. (2.1.1)

- Reallocated more than 2,000 devices from secondary sites to elementary sites to increase student access. (2.1.1)

- Surveyed elementary sites for ECF program to help bring 2nd - 5th grades at all elementary sites to 1:1 during spring semester. (6.1.2)

- Received initial shipment of new teacher laptops and started rollout of devices to teachers at 1:1 sites based upon need. (2.1.2)

Areas of Focus: January - June, 2022

- Oversee deployment of devices to bring 2nd - 5th grades at all elementary sites to 1:1 status. (2.1.1)

- Initiate development and implementation of district-wide Digital Citizenship curriculum. (1.1.2)

- Complete annual review and update to Strategic Technology Plan with stakeholders. (7.1.6)

- Continue development of PK-12 framework for teaching and learning with technology, using modern learning and technology literacy skills with district TILs (Technology Integration Leaders) . (1.1.1)

Highlights: August - December, 2021

Action Step 2.1.4: Create and maintain a centralized asset management system (currently Destiny Resource Manager) to serve all District sites as a single repository for mobile device inventory.

Action Step 2.1.5: Manage District mobile technology assets in 1:1 programs through centralized support for warranty repairs, break-fix, and device deployment coordinated collaboratively through the Technology and Information Services and Purchasing and Warehouse Departments.

Highlights: August - December, 2021

- Implemented Destiny Resource Managers for management, check in, and check out of devices. (2.1.4)
- Collaboratively coordinated a centralized support location for device management, deployment, and repair via TIS, Purchasing & Warehouse departments. (2.1.5)
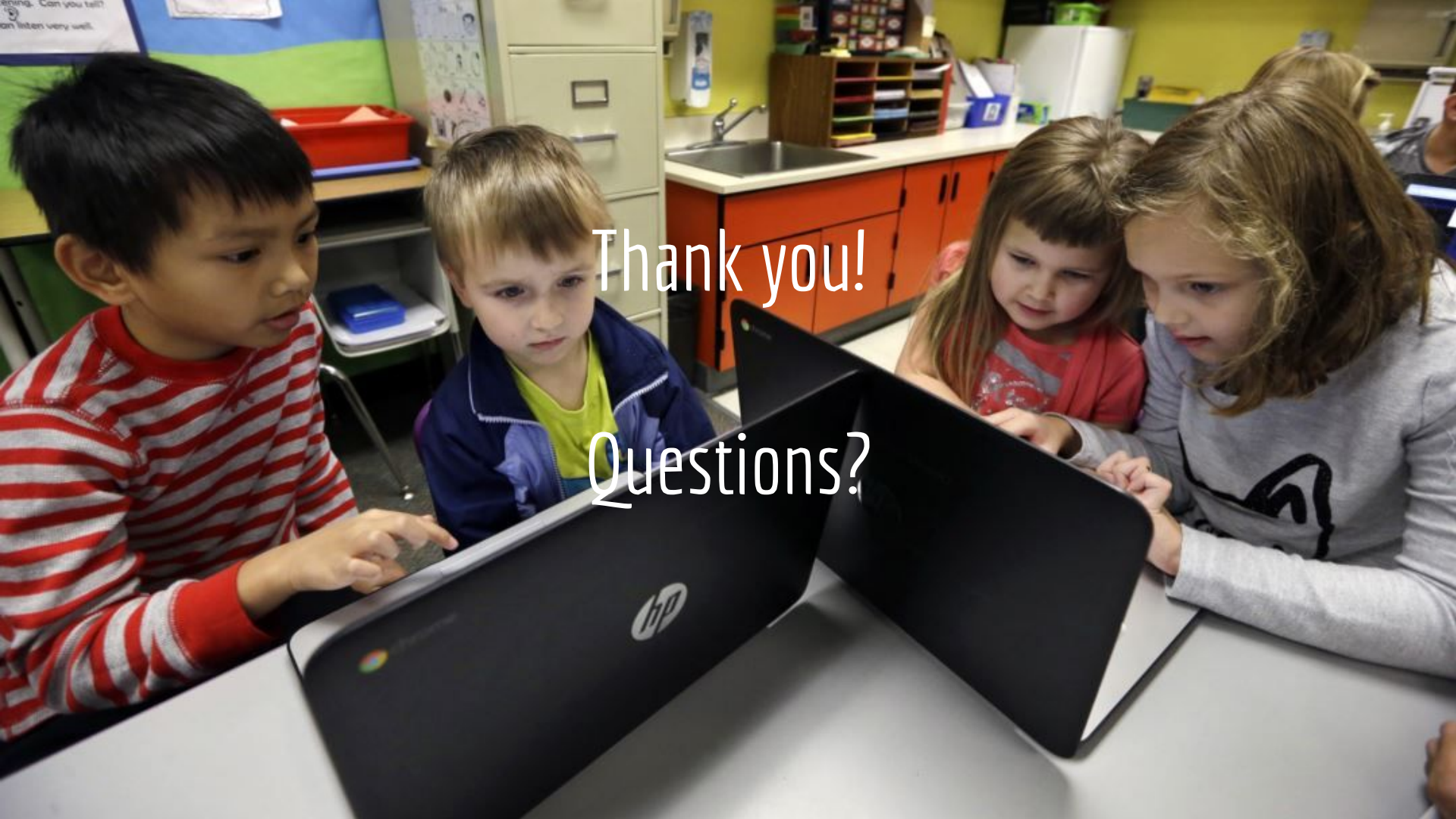
Highlights: August - December, 2021

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.

Action Step 1.2.1: Maintain a set of core digital platforms, such as Google Classroom, to ensure consistent, reliable access to curricular materials for students across learning modalities.

Action Step 1.2.2: Establish and maintain a list of approved digital tools for learning and teaching that meet MDUSD data privacy and security standards, and create a process for the submission of new tools.

Thank you!

Questions?