

Strategic Technology Plan Draft

Board of Education, 6/9/21

Dr. Lisa Gonzales, Chief Business Officer

Robert C. Sidford, Director of Technology and Innovation

Megan Gerdts, Technology TOSA



A Call to Action

Develop a long-range **strategic technology plan** for MDUSD technology focused on **learning and teaching** and **core business services**



Plan Development



- Board Presentation - September 22, 2020
- Strategic Technology Planning Task Force Meetings
- Plan Writing
- Stakeholder Input
- **Board Presentation - June 9, 2021**
- Stakeholder Input and Plan Finalization
- Board Approval (August 2021)
- Plan Implementation (August 2021 →)

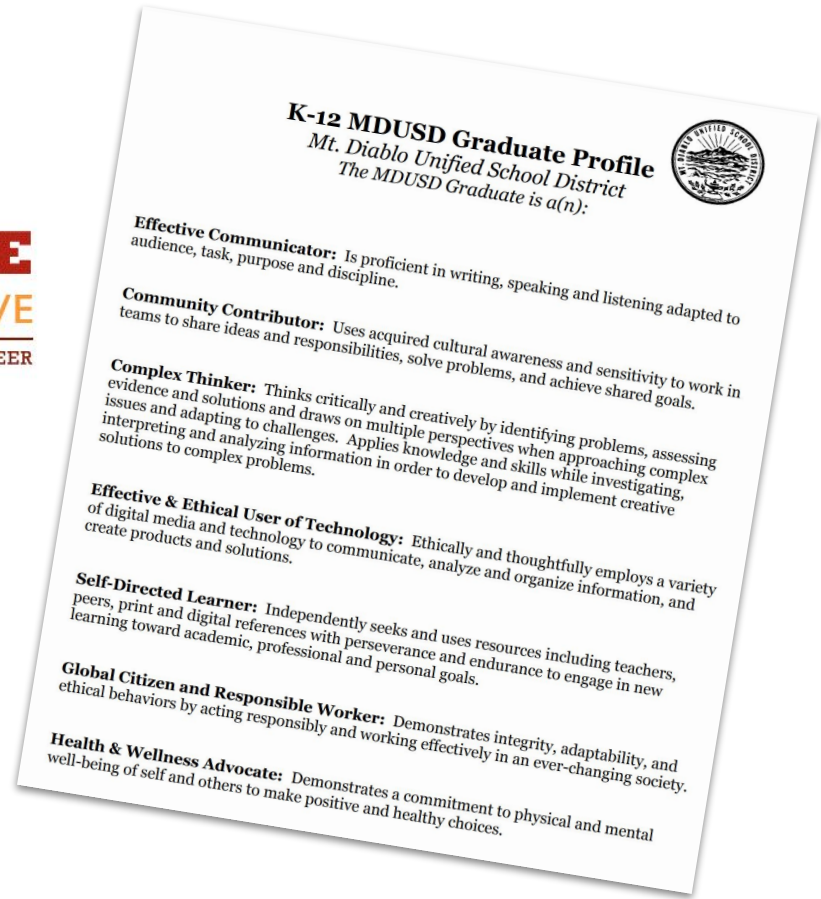
MDUSD Strategic Technology Plan Task Force

Joseph Alvarico, Teacher
Max Benabou, Student
Aurelia Buscemi, Administrator
Ben Campopiano, Administrator
Shannon Cherry, Parent
Robert Santa Maria, Student
Amneris Galarza, Parent
Jeff Garavanta, Information Technology Operations Manager
Megan Gerdts, Technology Teacher on Special Assignment
Lisa Gonzales, Chief Business Officer
Shauna Hawes, Teacher
Brian Lawrence, Former School Board President and Community Member
Jennifer Martin, Administrative Secretary
Suleyma Moss, Administrator
Lindsey Nakashima, Teacher and Technology Integration Leader
Tara O'Keefe, Network Technician II
Shannon Ortland, Director of Accountability, Research, and Evaluation

Chloe Park, Office Manager
Shawna Patterson, Teacher and Technology Integration Leader
Matt Rosso, Network Technician III
Karen Rush, Office Manager
Amayra Samaniego, Parent
Ryan Sheehy, Administrator
Robert Sidford, Director of Technology and Innovation
Amy Sudrla, Special Education Administrator
Greg Taylor, Director of Technology, City of Concord

**THANK
YOU!**

Plan Drivers:





MDUSD Graduate Profile (adopted 2014)



- **Effective Communicator:** Is proficient in writing, speaking and listening adapted to audience, task, purpose and discipline.
- **Community Contributor:** Uses acquired cultural awareness and sensitivity to work in teams to share ideas and responsibilities, solve problems, and achieve shared goals.
- **Complex Thinker:** Thinks critically and creatively by identifying problems, assessing evidence and solutions and draws on multiple perspectives when approaching complex issues and adapting to challenges. Applies knowledge and skills while investigating, interpreting and analyzing information in order to develop and implement creative solutions to complex problems.
- **Effective & Ethical User of Technology:** Ethically and thoughtfully employs a variety of digital media and technology to communicate, analyze and organize information, and create products and solutions.
- **Self-Directed Learner:** Independently seeks and uses resources including teachers, peers, print and digital references with perseverance and endurance to engage in new learning toward academic, professional and personal goals.
- **Global Citizen and Responsible Worker:** Demonstrates integrity, adaptability, and ethical behaviors by acting responsibly and working effectively in an ever-changing society.
- **Health & Wellness Advocate:** Demonstrates a commitment to physical and mental well-being of self and others to make positive and healthy choices.

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.

Goal 1: Modern Learning and Teaching

We believe MDUSD should foster a culture of lifelong learning. Students and staff should learn and use modern strategies and methods of utilizing technology to work effectively and efficiently. Teachers should be empowered to implement strategies for engaging every learner.

- Support Regular Student Use of Technology to Amplify Instruction
- Curriculum Resources
- Professional Learning Opportunities

Goal 2: Equitable Access to Technology

We believe that educational, socioeconomic, neurodiverse, and racial equity are best advanced through a centralized plan and clear recursive process for all students to have regular access to technology regardless of school location or access levels at home. Resources should be allocated equitably across levels.

- Equitable Access to Modern Technologies
- Support 24/7 Access



Goal 3: Professional and Timely Support

We believe that all students, staff, and families should be expertly and professionally supported in their effective use of technology within learning communities to maximize student achievement and build modern learning skills.

- Support Users with “Enterprise” Level Support
- Support Technologies for Learning, Teaching, and Business Operations

Goal 4: Robust Network Infrastructure and Technology Operations

We believe that a student-focused, results-oriented organization must provide secure, reliable, and effective technology services to enable a first-rate learning environment where students, staff, and families can achieve their collaborative and individual goals.

- Ensure Connectivity
- Support Modern Business Systems
- Align Resources to Technology Needs
- Business Continuity and Disaster Recovery



Goal 5: Comprehensive Cyber Security and Data Privacy

We believe that effective technology use by students, staff, and families requires safe and secure tools and an environment in which all technology users value privacy and security and are prepared with skills and knowledge to interact appropriately with technology.

- Protect our Network
- Protect Student and Staff Data



Goal 6: Sustainability

We believe that ensuring students, staff, and families have regular access to essential technologies demands that technology be acquired purposefully and sustainably.

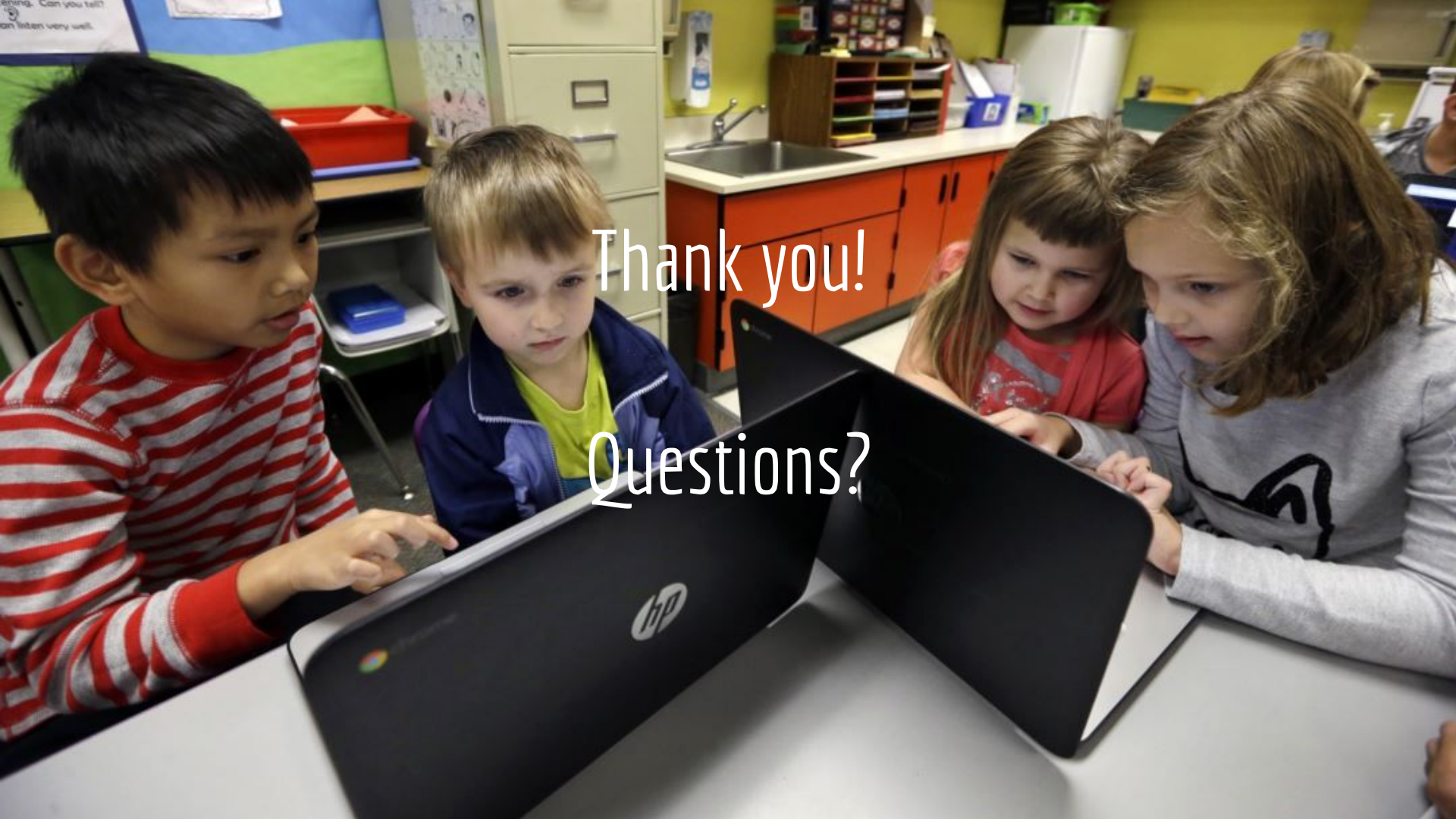
- Maximize Available Funding
- Modernize Purchasing Practices
- Identify Efficiencies



Goal 7: Technology Governance, Continuous Improvement, and Communication

We believe that technology oversight, policies, and capacity building exercises should be inclusive, consultative, guided by best practices, and reflect the needs of all stakeholders.

- Align Priorities
- Evaluate Progress and Make Course Corrections
- Communicate Progress



Thank you!

Questions?