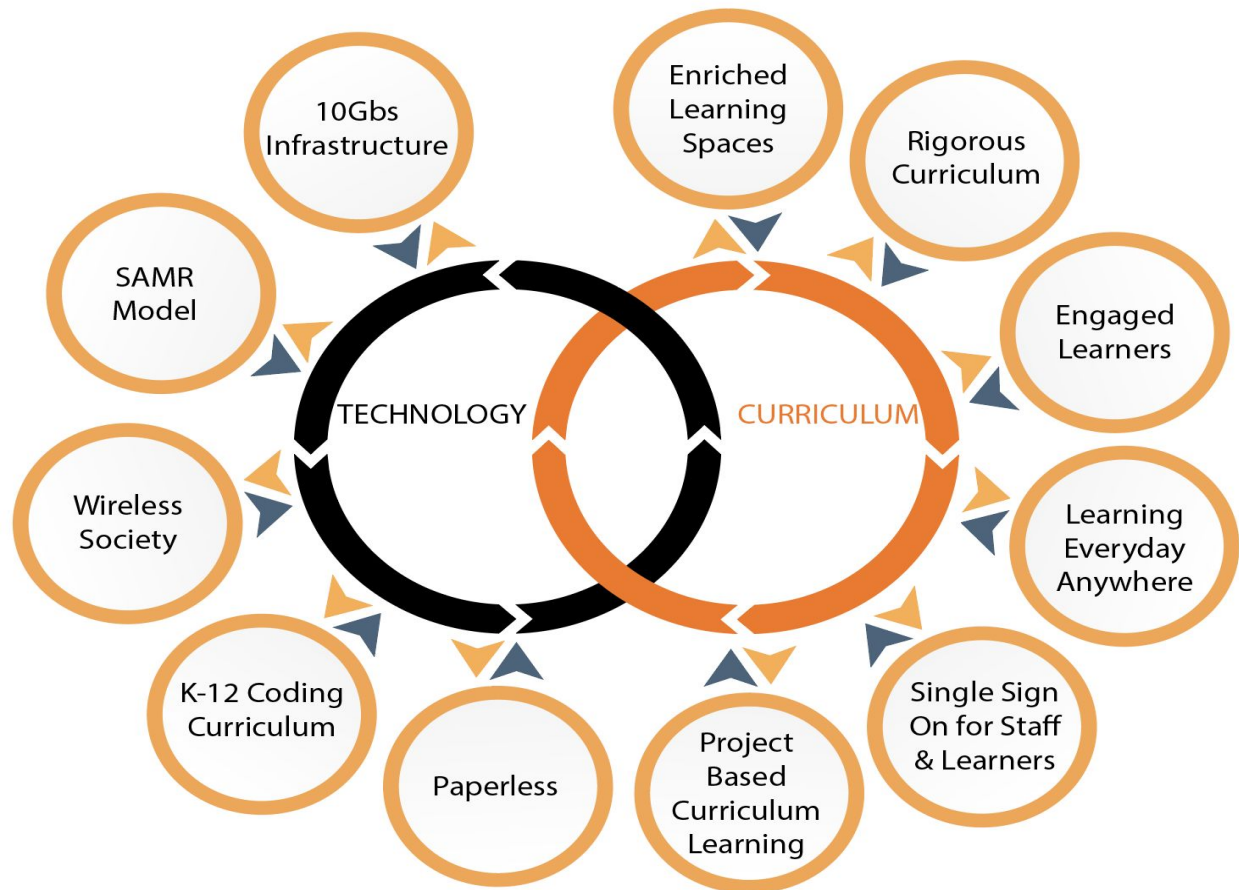


Long Range Plan for Technology

Goals, Objectives, and Strategies



Mission: The Medina Valley Independent School District will provide relevant technology that enhances instruction for student success, prepare learners to be competitive in the global market, and encourage all learners to achieve their highest potential.

Vision: To provide a multi-faceted technological skill-set which allows graduates to be competitive and successful.

Current Status

- Infrastructure outdated - upgraded spring 2018 - 100%
- Fiber optic backbone restricted to 1Gbs - upgraded fall of 2017 70%
- Wireless is spotty- upgraded summer 2018 - 100%
- Teachers desktops are out of date - created an obsolescence 5-year plan
- Google Domain
- Chromebook carts on every campus
- Instructional technology - limited by staffing
- District-wide surveillance system - 95% complete
- District-wide inventory system - in-place, 50% devices inventoried
- Current internet service is 400Mbps = .1Mbps per learner

Future Goals

- Infrastructure at 10Gb capacity- **70% complete**
- Access points in every classroom - **complete**
- Obsolescence cycles defined and implemented - completed
- Mobile devices available for every learner
- Single sign on to all online applications - in-progress - 80% complete
- Strive to be paperless
- Include K-12 coding in core curriculum
- Learning spaces designed for engaging curriculum
- Increase project-based cross-curriculum learning
- Align technology and curriculum IE: SAMR Model
 - Instructional Technology - defined and implemented
- District-wide security camera system - in progress - 95% complete
- District-wide access controls - safety
- Private fiber to all campuses
- Increase our bandwidth to the internet - optimal = 1Mbps per learner

Challenges

- Engaging learners
- Authentic learning
- Real world experiences for our learners
- Staffing
- Funding

Goal 1: Update Infrastructure

Board/Superintendent Goal #4 Continue district focus on technology, ensuring that appropriate technology is available to students and staff.

Objective 1.1: MVISD will ensure a reliable network infrastructure that will enable the district to succeed in any future technological projects.

Code	Strategies	Timeline	Person(s) Responsible	Measurable Evidence	Estimated Cost	Percent Complete
1.1	Discovery and replace outdated network switches	2018-2019	Director of Technology	Core network running at 10Gb	\$500,000	90
1.2	Replace existing fiber optic backbone	2018-2019	Director of Technology		\$22,000	90
1.3	Replace existing wireless controllers	2018-2019	Director of technology	new controllers are capable of supporting 5000 access points per controller	\$8,000	complete
1.4	Add access points to every classroom	2018-2019	Director of technology	Learners/staff have unlimited wireless access	\$32,000	complete

Objective 1.2:

Code	Strategies	Timeline	Person(s) Responsible	Measurable Evidence	Estimated Cost	Percent Complete
1.5	Invest in a generator for the district core switches - located at the HLC	2019-2020	Technology and Facilities			3
1.6	Purchase a new phone system (off-premise - cloud-based)	2019-2020	Technology		\$40,000	10
1.7	Explore school safety- access controls	2020-2021	Technology and Facilities			3
1.8	Install private fiber project to all campuses	2020-2021	Technology			5
1.9	Install exterior wifi-access points to support our learners who do not have wifi at their homes	2020-2021	Technology		\$50,000	
2.0	Continue enhancing our existing surveillance system	Annually	Technology			

Goal 2: Enhance Instructional Technology

*Board/Superintendent **Goal #4** Continue district focus on technology, ensuring that appropriate technology is available to students and staff.*

Objective 2: MVISD will provide instructional technology support to allow our staff to embrace 21st-century learning.

Code	Strategies	Timeline	Person(s) Responsible	Measurable Evidence	Estimated Cost	Percent Complete
2.1	Hire instructional technology specialists	2019-2020	Technology			10
2.2	Explore micro-credentialing badging	2019-2020	Curriculum and Technology	Eduphoria		3.5%
2.3	Design Enriched Learning Spaces / Instructional Approach	2019-2020	Curriculum and Technology			
2.4	Implement the SAMR and Bloom's Digital Taxonomy models	2019-2020	Curriculum and Technology			
2.5	Encourage and support 1 to 1 in HS	2020-2021	Technology			
2.6	Support key personnel in attending the TCEA conference- tech. staff, teachers, administrators, and board members	Annually	Technology			
2.7	Implement Virtual and Augmented Reality pilot project ie; Google Expeditions	2019-2020	Technology			
2.8	Continue to invest in current classroom technology	Annually	Technology			

2.9	Take advantage of PLCs to work with and train campus teachers					
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Goal 3: Design an Obsolescence Plan

Board/Superintendent **Goal #4** Continue district focus on technology, ensuring that appropriate technology is available to students and staff

Objective 3: MVISD will develop and maintain the obsolescence plan to allow budgeting for any future technology purchases.

Code	Strategies	Timeline	Person(s) Responsible	Measurable Evidence	Estimated Cost	Percent Complete
3.1	Create and follow the approved obsolescence plan	Annually	Technology Department			complete
3.2	Refresh staff/learner computers	Annually - 5-year plan	Technology Department		\$730,000	5
3.3	Refresh network infrastructure switches and servers	Annually - 7-year plan	Technology Department			5

Goal 4: Provide Staff Development

Board/Superintendent **Goal #4** Continue district focus on technology, ensuring that appropriate technology is available to students and staff

Objective 4: MVISD will continue to survey staff needs to identify, design, and implement relevant and necessary professional development.

Code	Strategies	Timeline	Person(s) Responsible	Measurable Evidence	Estimated Cost	Percent Complete
4.1	Identify and prioritize necessary PD and resources specific to each subject area	Annually	Curriculum and Technology			50
4.2	Provide PD for all MVISD staff - including all departments	Annually	Curriculum and Technology			
4.3	Develop a staff training calendar	Annually	Curriculum and Technology			