

Master Technology Plan

Vision 2022 Commitment Areas: Expand the opportunities for students to have choice, challenge, and success in their learning through differentiation and personalization.

Evaluate future communication trends and develop curriculum around writing, speaking, digital citizenship and use of technology for message production.

Monitor and update the annual Master Technology plan.

	Infrastructure and Access	Universal Access	Classroom Infrastructure	Operational Technology Systems	Security
Goal	Ensure wireless access for up to 60 devices in all high school and middle school instructional areas and 30 devices in all elementary school instructional area.	Refresh existing technology to keep current and lower the student to device ratio in all schools.	Standardize devices in instructional areas to include projection, doc/web camera and classroom PC for all instructional areas, at all schools.	Evaluate, upgrade and recommend changes to critical data and technology systems to ensure the district is working with efficient, productive and cost effective systems.	Ensure all major technology systems and data, including servers and personal devices are secure and updated to current security standards and protocols.
Rationale	To appropriately support the increase in student and mobile devices, a technology infrastructure with appropriate wireless access is critical.	Increasing student access to devices is essential for the delivery of 21st century educational programming.	A basic classroom infrastructure is essential for the delivery of 21st century educational programming.	Maintaining appropriate and functional software systems is critical for district operations.	Use of technology has become a key part of daily instruction and work for both staff and students. Reliability and trust of the safety and security of these systems and their data is crucial.
19-20	Large Area Network (LAN) bandwidth updates continued	Refresh Staff Laptops (650) and docking stations	Plan any necessary equipment refreshments that maintains the standard in all instructional areas.	HR/Bus Software Solution	Staff Phishing and training program to protect integrity of systems and communication platforms.
	Internet Contract renewal (E-Rate)	Refresh Dell 2Gb Chromebooks for refresh (450)	Evaluate Desktop needs at all levels--Labs and office areas.	Single Sign-on Solution	Denial of Service (Ddos) solution implemented
					Informacast broadcast solution
20-21	MS Core closet upgrades	Evaluate usage and plan along with FIT goals	Plan any necessary equipment refreshments that maintains the standard in all instructional areas.	Evaluation of critical systems for upgrades or possible changes.	Continue Staff training of cyber security
			Desktop Refresh for Office/Labs		Expand Door access where/when appropriate

Vision: The CUSD 200 environment enables learners to access, synthesize, and share knowledge while collaborating and creating anytime, anywhere. Experiences are designed to foster critical thinking, parallel real world situations, and meet individual needs of learners as they develop mastery of standards and skills.