



SJSD Technology Plan

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Department Overview

To support SJSD in preparing students for a successful future and empowering every learner, every day, the Technology Services Department executes functions in these areas:

1. Providing Wired and Wireless Internet Access
2. Computer Deployment and Repair
3. Cybersecurity Measures
4. Software Management
5. Hardware/Software Training
6. Phone System Management
7. Identification Badge Management
8. School Intercom Management
9. Security Camera Deployment and Management
10. AV Equipment Deployment and Repair

Budget

The Technology Services Department operations budget (~\$5,000,000) encompasses replacement and repair of equipment, software licensing and professional learning.

- Replacement projects for the 26-27 school year include Elementary computers and iPads, and network equipment (\$1,200,000). Network equipment replacement is a \$1,700,000 project with 80% of the funding from the federal Erate program, and 20% from SJSD's budget.
- Software licensing for Operations and Academics (\$3,000,000).
- Technology Professional Learning (\$5,500) includes membership dues for professional associations and expenses for attending conferences.

District Focus Areas

- CSIP Priorities for 2025-2030
 - Priority 1: Effective Teaching and Learning
 - Priority 2: School Finances
 - Priority 3: Recruiting and Retaining High-Quality Staff
 - Priority 4: Facilities
 - Priority 5: Communication, Climate, and Culture
- Portrait of a Graduate: Building Future-Ready Graduates

SJSD Technology Plan

Purpose

The purpose of the SJSD Technology Plan is to provide a strategic framework for leveraging technology to enhance teaching and learning, improve operational efficiency, ensure equitable access to digital resources, and prepare all students with the knowledge, skills, and dispositions needed to thrive in a rapidly evolving digital world. This plan guides the intentional integration of technology to support academic achievement, innovation, digital citizenship, data-informed decision-making, cybersecurity, and continuous improvement across the district.

Belief Statements

- **Technology is a tool for learning, not an end in itself.** Technology should be used purposefully to enhance teaching, learning, creativity, critical thinking, and student achievement.
- **All students deserve equitable access to technology resources and opportunities.** Every learner should have access to reliable devices, connectivity, digital content, and technology-rich learning experiences regardless of background or circumstance.
- **Technology can personalize learning and empower student success.** Effective technology integration supports diverse learning styles, interests, abilities, and pathways to achievement.
- **Digital citizenship is a shared responsibility.** Students, staff, and families must work together to promote ethical, responsible, safe, and respectful use of technology.
- **Data should be used responsibly to inform decision-making.** Accurate, timely, and secure data supports continuous improvement, accountability, and student success while protecting privacy.
- **Cybersecurity is essential to maintaining trust and continuity.** Protecting district systems, networks, and information is fundamental to supporting teaching, learning, and operations.
- **Technology should foster collaboration, communication, and innovation.** Digital tools create opportunities for students and staff to connect, create, problem-solve, and engage in meaningful learning experiences.
- **Future-ready skills are essential for all learners.** Students must develop digital literacy, computational thinking, creativity, communication, collaboration, and adaptability to thrive in college, careers, and civic life.

- **Technology planning must be sustainable and strategic.** Technology investments should be aligned with instructional goals, fiscal responsibility, infrastructure needs, and long-term district priorities.
- **Continuous evaluation and improvement are necessary for success.** The district should regularly assess the effectiveness of technology programs, services, and initiatives to ensure they meet evolving educational needs.

Goals and Objectives

The SJSD Technology Services Department will provide secure, equitable, and innovative technology resources that enhance learning, support instructional excellence, increase operational effectiveness, and prepare students to thrive in a digital society.

Goal 1: Digital Learning & Instruction

- Objective 1.1 Increase the effective integration of technology in instruction to support student engagement, critical thinking, creativity, communication, and collaboration.
- Objective 1.2 Ensure all students have access to technology-enhanced learning opportunities that promote college, career, and life readiness.
- Objective 1.3 Evaluate and provide the use of digital tools and learning resources that support personalized learning and differentiated instruction.

Goal 2: Technology Infrastructure

- Objective 2.1 Maintain a reliable, secure, and scalable network infrastructure that supports instructional and operational needs.
- Objective 2.2 Ensure all district facilities provide adequate wireless connectivity and bandwidth to support current and future technology demands.
- Objective 2.3 Implement sustainable device lifecycle management practices to ensure equitable access to current technologies.

Goal 3: Cybersecurity & Data Privacy

- Objective 3.1 Strengthen cybersecurity measures to protect district systems, student information, and staff data.
- Objective 3.2 Provide annual cybersecurity awareness training for staff and age-appropriate digital safety instruction for students.
- Objective 3.3 Maintain compliance with all applicable federal, state, and local data privacy requirements.

Goal 4: Digital Citizenship & Student Readiness

- Objective 4.1 Promote responsible, ethical, and safe use of technology among students and staff.
- Objective 4.2 Develop students' digital literacy, media literacy, and computational thinking skills.

Goal 5: Equity & Accessibility

- Objective 5.1 Provide equitable access to devices, digital resources, and connectivity for all students.
- Objective 5.2 Ensure technology resources meet accessibility standards and support diverse learner needs.
- Objective 5.3 Identify and reduce barriers that limit student participation in digital learning opportunities.

Goal 6: Data Systems & Decision-Making

- Objective 6.1 Improve the quality, accessibility, and integration of district data systems.
- Objective 6.2 Support data-informed decision-making through effective reporting, analytics, and dashboard tools.
- Objective 6.3 Enhance staff capacity to analyze and utilize data to improve student achievement and operational effectiveness.

Goal 7: Operations & Innovation

- Objective 7.1 Leverage technology solutions to improve district efficiency, communication, and service delivery.
- Objective 7.2 Evaluate and implement emerging technologies that align with district goals and instructional priorities.
- Objective 7.3 Establish processes for continuous assessment and improvement of technology programs, resources, and services.

Goal 8: Artificial Intelligence (AI) Readiness

- Objective 8.1 Develop and implement guidelines for the responsible, ethical, and effective use of AI by students and staff.
- Objective 8.2 Provide professional learning opportunities that help educators leverage AI tools to enhance teaching, learning, and productivity.
- Objective 8.3 Evaluate AI technologies for instructional, operational, and administrative use while ensuring data privacy, security, and compliance requirements are met.

- Objective 8.4 Prepare students to understand, evaluate, and use AI technologies responsibly as part of their future-ready skillset.

Technology Services Goal Evaluation

Progress toward the SJSD Technology Services Department objectives will be measured through annual reviews of infrastructure performance, instructional technology integration, cybersecurity readiness, professional learning participation, and student success.

Goal 1: Digital Learning & Instruction

Evaluation Methods

- Classroom technology integration walkthroughs
- Teacher and student surveys
- LMS and available software usage analytics

Success Indicators

- Percentage of teachers regularly integrating technology into instruction
- Growth in student engagement survey scores
- Utilization rates
- Increased student achievement on technology-supported learning objectives
- Evidence of student creation, collaboration, and critical thinking activities

Goal 2: Technology Infrastructure

Evaluation Methods

- Network monitoring reports
- Help desk ticket analysis
- Device inventory audits
- Wireless coverage assessments
- E-Rate and infrastructure reviews

Success Indicators

- Network uptime exceeding 99%
- Average help desk resolution times
- Student-to-device ratio goals met
- Wireless coverage available in all instructional spaces
- Reduced infrastructure-related instructional disruptions

Goal 3: Cybersecurity & Data Privacy

Evaluation Methods

- Security audits
- Vulnerability assessments
- Staff phishing simulations
- Incident response reviews

Success Indicators

- Reduced phishing susceptibility rates
- Number of security incidents
- Compliance with data privacy requirements
- Successful disaster recovery testing

Goal 4: Digital Citizenship & Student Readiness

Evaluation Methods

- Student surveys
- Discipline data review

Success Indicators

- Reduction in technology misuse incidents
- Increased student understanding of online safety and ethics

Goal 5: Equity & Accessibility

Evaluation Methods

- Device access audits
- Connectivity surveys
- Accessibility compliance reviews
- Special education and intervention feedback

Success Indicators

- 100% student access to a learning device
- Increased compliance with accessibility standards
- Equitable participation across student groups

Goal 6: Data Systems & Decision-Making

Evaluation Methods

- Data dashboard usage reports

- Data quality audits
- System integration reviews
- Administrative feedback

Success Indicators

- Increased use of data dashboards
- Improved data accuracy rates
- Reduction in duplicate data entry
- Faster access to critical information
- Increased data-informed decision-making by staff

Goal 7: Operations & Innovation

Evaluation Methods

- Process efficiency studies and staff feedback
- Technology adoption reviews
- Cost-benefit analyses

Success Indicators

- Reduction in manual processes
- Increased efficiency in district operations
- Successful implementation of innovative technologies
- Positive stakeholder feedback
- Demonstrated cost savings or productivity gains

Goal 8: Artificial Intelligence (AI) Readiness

Evaluation Methods

- AI professional learning participation
- AI policy compliance reviews
- AI tool usage analytics

Success Indicators

- AI guidelines adopted and annually reviewed
- Percentage of staff trained on AI use
- Evidence of responsible AI use
- Increased staff productivity and instructional support through approved AI tools

Annual Technology Plan Scorecard Example

Goal Area	Metric	Target
Technology Integration	Teachers regularly using digital instructional tools for enhanced learning	90%
Infrastructure	Network uptime	99.9%
Cybersecurity	Staff passing phishing simulations	90%
Digital Citizenship	Decrease in unethical incidents	10%
Equity	Students with device access	100%
Data Systems	User satisfaction rating	85%+
Operations	Help desk satisfaction	90%+
AI Readiness	Staff trained on AI	75%+

Technology Plan Summary

The Technology Plan provides a strategic framework for leveraging technology to enhance student learning, support instructional excellence, improve operational efficiency, and prepare students for success in an increasingly digital world. The plan is built upon the belief that technology should be used intentionally to expand educational opportunities, promote equity, foster innovation, and support data-informed decision-making.

The district is committed to ensuring that all students and staff have equitable access to reliable technology resources, secure digital environments, and meaningful opportunities to develop the knowledge and skills necessary for lifelong learning. Technology initiatives will support personalized instruction, collaboration, creativity, digital citizenship, and future-ready competencies while maintaining a strong focus on cybersecurity, accessibility, and responsible use.

Annual reviews of established performance measures will guide continuous improvement and ensure that technology investments remain aligned with the district's educational mission and strategic priorities.

Through this plan, the district seeks to create a secure, equitable, innovative, and future-focused learning environment that empowers students, supports educators, and strengthens organizational excellence.