

# Educational Technology Plan

## Overview

This updated AUSD Educational Technology Plan is intended to serve as both a guide for technology related decision making and an instrument to monitor and evaluate progress toward identified goals and objectives. An updated assessment of district technology status, needs, and resources has been completed for each section of our revised technology plan and has guided the development of new and updated technology goals, objectives and implementation activities. Our goals and objectives were established to meet the identified needs of integrating technology to improve student learning; providing equitable technology access and support; providing secure, timely information flow between home, school, and community; and providing coordinated, ongoing high quality educational technology professional development. This plan is also intended to meet all state and federal requirements for technology use plans and all current and future standards related to technology during its life cycle.

Alameda Unified School District has established clear curricular goals tied to the academic content standards monitored by various district and site-based assessment systems, and referenced in comprehensive planning documents and efforts. The common underlying purpose of all our district improvement plans is to improve student achievement of the state content standards and to close the predictable achievement gap between the highest and lowest performing ethnic groups. The technology plan has been developed to support and/or align with the district improvement plans.

- Teachers will use technology to improve instruction and to assist students in meeting state Language Arts, Social Studies, Science and Math content standards.
- All students in grades 4 through 8 will use curriculum–embedded or curriculum related technology resources on a regular basis to support the districts goal of having 90% of all students meeting grade level standards in Language Arts, Social Studies, Math and Science
- **Students will acquire and use the ISTE National Educational Technology Standards (NETS•S) for Information and Communications literacy skills needed in the 21st Century.**
- **Increase student, teacher and administrator awareness of legal and ethical use of the Internet and other forms of electronic communication through a CyberEthics program of instruction that includes concepts and purpose of copyright and fair use, lawful and unlawful downloading, peer-to-peer file sharing, avoiding plagiarism, and understanding CyberBullying.**

- **Increase student, teacher and administrator awareness of safe, secure, and ethical use of the Internet and other forms of electronic communication through a Cybersafety program of instruction for students so that students understand how to protect their identity and remain safe from online predators.**
- All students will have access to technology appropriate to their learning needs.

The district believes that teachers and administrators need professional development opportunities and the time to develop and practice the necessary skills to become proficient technology using educators. In an effort to have every teacher and administrator meet the level II professional proficiencies, as identified on the EdTech Profile, by 2013, the district will create a Training of Trainers program that will be directed by the Teacher on Special Assignment. This program will consist of elementary, middle and high school teachers interested in teacher training and staff development. These teachers will participate in up to 10 hours of training designed to enable them to provide 10 hours of training at their school sites. This training will be aligned to the professional teacher's proficiency in Computer-Based Technology standards detailed in the California Commission on Teacher Credentialing Standards 9 and 16 – (for the Multiple and/or Single Subject Teaching Credential) Using Technology to Support Student Learning. Hardware and software necessary to perform the required training at the sites will be provided to the teachers.

- Teachers will utilize technology to support student record keeping, access student assessment data, and administer assessments in order to support their efforts to meet individual student academic needs.
- List of clear goals and a specific implementation plan to utilize technology to make teachers and administrators more accessible to parents.
- AUSD site administrators and teachers will become proficient with the same general technology skills, and information literacy skills required of students as well as proficient with work specific productivity tools.
- AUSD site administrators, teachers and district support staff will become proficient in the use of technology to improve student achievement data collection, analysis, reporting, and decision making.
- AUSD site administrators and teachers will become proficient in the use of technology to improve two-way communication between home and school.

Economic conditions in California and the nation will continue to impact K-12 education budgets and grants through the duration of our tech plan. Therefore, our established and potential funding sources to implement our Educational Technology Plan may be impacted as well.

- Technology funding and budget planning will take place on an ongoing basis guided by the goals and objectives of this plan.
- All AUSD students will have access to up-to-date computers and appropriate software to support achievement of the district's academic standards in the classroom, district curricular goals, and ultimately for lifelong learning and success in our digital society.
- AUSD will continue to improve and maintain the infrastructure at district schools as needed.
- All AUSD school sites will have access to timely district or site technical support so teachers and students have access to technology needed to support standards in the classroom, district curricular goals, and ultimately for lifelong learning and success in our digital society.

**Projected Ed Tech plan Staffing (Status quo)**

Position	10-11	11-12	12-13
Director	\$130,000	\$130,000	\$130,000
Network Administrator	\$85,000	\$85,000	\$90,000
Systems Analyst	\$80,000	\$80,000	\$85,000
Database Administrator	\$75,000	\$75,000	\$80,000
Technicians	\$140,000	<b>\$210,000</b>	\$210,000
TOSA	\$90,000	\$90,000	\$95,000
Web Master	\$65,000	\$65,000	\$70,000
Data manager	\$100,000	\$105,000	\$105,000
Network Manager		<b>\$115,000</b>	\$115,000
Help Desk			<b>\$60,000</b>
<b>Total Staff members</b>	<b>9</b>	<b>11</b>	<b>12</b>
	\$765,000	\$955,000	\$1,040,000
			\$2,760,000