

**Claremont Unified School District
Sycamore Elementary School
Technology Plan
2006-2009**

VISION

Sycamore Elementary School will utilize technology to ensure that all students and staff will become lifelong learners and responsible, productive citizens in a global society. All stakeholders will use technology as an integral component in all areas of teaching and learning.

MISSION

Technology will serve as a catalyst to promote creativity, problem solving, critical thinking, analyzing, and decision-making skills in all areas of instruction. Students and staff will be able to access, process, and communicate information in a dynamic, integrated, technological environment.

GOALS

INTEGRATION

Goal I: Improve teaching and learning through the appropriate use of technology.

- a. Technology is integrated into development, execution, and sharing of curriculum planning units.
- b. Students use technology to demonstrate aspects of their learning in core curricular areas using a variety of word processing, multi-media, presentation, and educational software and support websites.
- c. Students will learn to think critically about websites and electronic information sources.
 1. Students will use rubrics to evaluate educational and information websites.
 2. Students will explore & evaluate teacher/self-selected websites using rubrics.
 3. Upper grade students (4-6) will learn to consult multiple websites for research information, comparison, and images.

Goal II: Students are given the opportunities to authentically demonstrate and assess their learning in all curricular areas using tools of technology.

Goal III: Apply techniques learned during faculty collaboration or professional development classes to implement significant, involved technology projects.

PROFESSIONAL DEVELOPMENT

Goal I: Establish partnerships for identifying and delivering effective technology training to assist educators as they help students achieve high academic standards (i.e., staff demonstrates technology accomplishments during a bi-annual, room based, interactive technology exchange).

Goal II: Pursue active faculty collaboration on major technology projects such as; clay animation (Video Blender), movie making (iMovie), presentations (PowerPoint), interactive/multi-media software (Media Blender), music production (Garage Band), or other Sycamore licensed software.

Goal III: Administer grant programs and financial assistance initiatives that support implementation of educational technology integration.

Goal IV: Establish and maintain instructional technologists to support teachers in their implementation of various classroom technologies and help coordinate major technology projects.

Goal V: Teachers will learn participate in inservices and staff development classes to further hone their technological communication skills.

INFRASTRUCTURE – Supported by CUSD Technology Support Department

Goal I: Ensure that all rooms have access to integrated instructional and administrative services across interoperable high-speed wireless networks.

Goal II: Ensure that all rooms have continuous access to the Sycamore server. Maintain server to match the demands of increasingly complicated/large files and applications.

Goal III: Ensure sufficient support for ongoing, reliable network operations and classroom based technology centers, network security, filtering, and disaster recovery plans. Provide personnel and resources to promote efficient procurement and maintenance of infrastructure.

Goal IV: Maintain and upgrade, as needed, classroom computers to meet the need of advanced classroom applications and projects.

ACCOUNTABILITY

Teachers: To assess the value that information technology adds to teaching and learning environments, Sycamore teachers will:

1. Gather, analyze, and share with the community projects displaying student use and understanding of technology.
2. Document integration of technology in development, execution, and sharing of curriculum planning units.
3. Showcase technology use during bi-annual, classroom based technology exchanges.
4. Teachers will use available electronic tools (ie. parentsatsycamore.org, email, teacher websites) to communicate with the sycamore community.

Governance Council: Establish a ‘Technology’ position under the Curriculum and Assessment Committee. This position could be filled by a parent, teacher, or both.

Principal/Technology Coordinator: Ensure that the Sycamore technology plan is consistent with the CUSD technology plan.

Committee Members (6/23/06):

Brian D’Ambrosia-Donner (K teacher)

Lisa Kleinsasser (4-5-6 teacher)

Jodi Erlinger-Irwin (K-1-2 teacher)

Joe Darrow (Sycamore Parent)

Felipe Negritto (Sycamore Parent)

Tom Cooper (Principal)

Chelsea Schreiber (4-5-6 teacher)

Carlos Navarrete (Sycamore Parent)

Sycamore Technology Plan Goal Planning & Objectives

Fall 2006

INTEGRATION

Goal I: Improve teaching and learning through the appropriate use of technology.
Target A: Technology is integrated into development, execution, and sharing of curriculum planning units
Target A Objective: Increase teacher use of technology in documenting curriculum planning process
Reality: Technology is unreliable, unavailable, or unfamiliar due to infrequent exposure for presentations, planning, and instruction.
Gap: Teacher's have old computers that do not meet CUSD minimum requirements, for all computing. More advanced, portable technology is required for teachers to teach and communicate learning in the communication age.

Strategies	Person(s) Responsible	Time Line	Resources	Budget
Acquire advanced laptops, wireless connections and LCD projectors for teacher and classroom use.	Technology Coordinator, Governance Council, CUSD	first year	Sycamore Technology Plan, Apple Website, CDWG website	PFA funds, State funds, Apple lease program \$100,000.00
Provide training for teachers	Technology Coordinator, parent volunteers, HMC student volunteers	first year	Sycamore Technology Plan Instructional Technology Office	NA
Develop a school policy for laptop care and use.	Technology Committee, Principal, Technology Partners	First year	CHS Model HMC Systems Administrator Jefferson Elementary School Model	NA
Find and introduce documentation and lesson planning software for teachers	Technology Coordinator, Teachers, CUSD ITC			
Communicate rationale for purchase to Governance Council and Sycamore Community	Principal Technology Committee	Fall, First Year	School Technology Plan Teacher Survey	NA

Progress Measures:

- Budget Approval
- Laptop, cases, locks, apple care. LCD projectors purchased
- Computers imaged
- Computers checked out to teachers