

INTEGRATION

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

Target B: Students use technology to extend and demonstrate aspects of their learning in core curricular areas using a variety of word processing, multi-media, presentation, and educational software and support websites for research.

Target B Objective: Increase student use of technology to demonstrate learning using a variety of available technologies.

Reality: Teachers prepare internet research pages, and build technology time into class schedules. Students are interested in using technology tools to support their learning. Classroom technology is unreliable, unavailable, or not advanced enough to be fully integrated into the regular, daily routine of the students.

Gap: Classroom technology is inconsistent from room to room. Many classroom computers do not meet CUSD minimum requirements for technology. Some classrooms have multiple computer platforms, making student tech. support more difficult.

Strategies	Person(s) Responsible	Time Line	Resources	Budget
Acquire advanced Apple computers for classroom use.	Technology Coordinator	Fall, first year	Sycamore Technology Plan, Apple Website, CDWG website	PFA funds, State funds, Apple lease program \$100,000.00
Provide instruction for students in use of technology productivity, communication, and research tools	Technology Coordinator, Technology Partners, Teachers	Ongoing	Office of Instructional Technology, HMC Computer Science Dept., California Technology Assistance Program (CTAP) Region II	Sycamore General Fund (Tech. Coord.)
Maintain Computers	Tech. Coordinator, Student Tech. Assistants, Classroom Teachers, CUSD IS Department	Ongoing	CUSD Technology Dept, HMC Computer Science Dept., Apple Care	Technology Maintenance Budget
Model technology integration lessons	Technology Coordinator, Classroom Teachers, Technology Partners, ITC professional development classes	Ongoing as needed and following professional development workshops	Office of Instructional Technology Parent experts, Technology Coordinator	Software purchases as necessary: \$2,500

Progress Measures:

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

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

Goal II Objective: Students will use advanced technology to present their learning using PowerPoint, iMovie, Image Blender, and other creative or presentation software.

Reality: Students are prepared and interested in using technology to demonstrate their learning. In most upper grade classes, 2 computers are capable of video editing. The mobile computer lab, with 9 laptops, rotates through upper grade classes 2x per week and primary classes 1x per week.

Gap: Primary classes don't have computers capable of video editing due to slow processors or inadequate video cards. When upper grade classes are working on video editing or completing other presentation projects, class computers provide insufficient numbers of machines to meet class needs, and the cart, 2 rotations @ 1 hr. each w/ 9 laptops, provides limited access

Strategies	Person(s) Responsible	Time Line	Resources	Budget
Purchase new advanced Apple computers for classrooms (5 for upper grade & 3 for primary)	Technology Coord., Governance Council, CUSD	First Year	Sycamore Technology Plan, Apple Website, CDWG website	PFA & State funds, Apple lease program
Provide instruction and regular practice with presentation and communication technology tools.	Technology Coordinator, Technology Partners, Teachers	Ongoing	CUSD ITC, HMC Computer Science Dept., California Technology Assistance Program (CTAP) Region II	Sycamore General Fund (Tech. Coordinator)
Maintain Computers	Tech. Coord., Student Tech. Assistants, Classroom Teachers, CUSD IS Department	Ongoing	CUSD IS Dept, HMC Computer Science Dept., Apple Care	Technology Maintenance Budget
Model technology integration lessons	Technology Coord., Classroom Teachers, Technology Partners, ITC professional development classes	Ongoing as needed and following professional development workshops	CUSD ITC, Teachers Parent experts, Technology Coordinator	Software purchases as necessary: \$2,500
Students Use Technology To Demonstrate and Asses Learning	Students, Teacher, Tech. Coord.	End of Units, all three years	Teacher, Technology Coordinator, Technology Partners	Tech. Coord.

Progress Measures:

Budget Approval, Laptop, cases, locks, apple care. Computers imaged, and in classes. Students' successful presentations.

INTEGRATION

Goal III: Apply techniques learned during faculty collaboration or professional development classes to implement significant, involved technology projects
Goal III Objectives: Teachers will collaborate, involving students in a fundamental and meaningful way, on large technology projects based on Curriculum Planning Unit similarities, school wide projects, or other common interests
Reality: In '05 – '06, teacher's pursued large, unit based, collaborative projects in animation and video production. Students were excited, and the outcomes of the projects were fairly successful. Most upper grade classes have 3 reliable computers. Unreliable and unavailable technology has discouraged more such collaboration. The mobile computer lab, with 9 laptops, rotates through upper grade classes 2x per week and primary classes 1x per week. If classes were to collaborate on a major project, access to reliable machines would be limited.
Gap: Technology improvements are needed in classrooms and mobile lab. More reliable computers, at least 5 per class, needed for regular practice. More opportunities with the mobile lab are needed for large projects. Additional computers on the current lab and a second mobile lab would provide the needed improvements.

Strategies	Person(s) Responsible	Time Line	Resources	Budget
Teachers learn new technology applications and integration methods in professional development classes or through professional collaboration.	Teachers, Principal, Technology Coordinator, CUSD ITC	Fall '07 & second year	CTAP, CUSD ITC	N/A
Teachers may collaborate with high school teachers to complete partnership projects.	Teachers, Technology Coord.	Fall '07 & ongoing	CUSD ITC, CUSD Educational Technology Committee, CHS teachers	N/A
Technology Coord. brings new programs to classes and teaches students and teachers using the mobile lab.	Tech. Coord., Teachers,	Spring '06 & ongoing	CUSD Educational Technology Committee, CUSD ITC	N/A

Progress Measures: Professional development classes attended by teachers, high school collaborations begun, students begin using new software independently

PROFESSIONAL DEVELOPMENT

Goals: Establish partnerships and collaborations for identifying and delivering effective technology training and undertaking major technology projects.

Target: A variety of classes, training, and resources pertaining to integrating technology are available for staff development.

Strategic Plan Objective: Provide ongoing professional development support for employees.

Reality:

- Some in-service classes and training materials reflect best practices for integrating technology into instruction.
- Access to training opportunities for integrating technology is provided at the CUSD ITC.
- Numbers of participants who complete technology integration training is relatively small.
- Classroom computers perform inconsistently.
- Mobile lab (with 9 laptops) visits are 2/week upper grade & 1/week primary

Gap: Outdated technology and limited access to one computer lab discourages teachers from enrolling in available technology professional development classes. Some of the trainings use software not currently in use at Sycamore.

Strategies	Person(s) Responsible	Time Line	Resources	Budget
Update classroom computers.	Technology Coordinator, Principal, Governance Council	Winter 06 - 07	Apple Lease: Sycamore general funds Sycamore Governance Council	\$100,000.00
Develop or acquire training materials for staff development needs	CUSD ITC, Technology Coordinator	Ongoing	CUSD ITC CTAP, Technology Partners, Technology Coordinator	\$1,000.00 for materials
Deliver staff development courses for technology integration	CUSD ITC, Technology Coordinator, Principal	Ongoing	CUSD ITC CTAP, Technology Partners, Technology Coordinator	NA
Purchase integration and creative software presented in technology training classes.	Technology Coordinator	Along with prof. devel classes	CUSD ITC, CTAP, Technology Coordinator, advanced websites	\$2,500

Progress Measures:

- Increased number of instructional technology courses provided for the staff
- Increased number of staff members who complete technology integration training courses and collaborate on projects.
- Bi-annual, room based, interactive technology exchange
- Up-to-date computers purchased and placed in classrooms
- More opportunities to use the mobile lab: 2nd lab and/or more laptops on the 1st lab

INFRASTRUCTURE

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

Objective: – Avoid situations where teachers want to implement software or special technology activities but hardware isn't compatible or capable.

Reality:

- Current technology needs to be upgraded as most computers are obsolete.
- Technology needs assessment is not done annually.

Strategies	Person(s) Responsible	Time Line	Resources	Budget
Survey technology hardware in the building	Technology Coordinator	Spring '06	CUSD Technology Support Dept	NA
Survey staff for technology hardware needs	Technology Coordinator Principal	Annually in May	Sycamore Staff	NA
Purchase/upgrade technology as needs assessment dictates.	Technology Coordinator, Principal, CUSD Technology Director, Gov. Council	Begin May '08	CUSD Technology Support Dept., Apple Rep., Teachers	? As needed and available

Progress Measures:

- Annual technology needs assessment is completed
- Upgrades or purchases researched and presented
- New technologies in place
- Site infrastructure, server, and printers maintained.