

# 2007-2010 TECHNOLOGY PLAN

## JOHN MUIR ELEMENTARY SCHOOL IMPROVEMENT GOALS

**Goal Title:** Use technology to support our John Muir Transformation Plan

**Strategy:** Create a technology support infrastructure to promote the reliability and use of technology tools. (team, process, plan)

**Rationale:** Technology is an integral part of the classroom infrastructure. Schools should be able to integrate and maintain technology.

**Evaluation Procedure:** Principal, Head Teacher and Technology committee meet on a regular basis to determine the effectiveness of their support model.

Activity/Task (Is it measurable/achievable?)	Professional Development	Evaluation (Measurable Change)	People Involved	Starting and Ending Dates	Resources: Description / Type	Cost / Funding Source
<p><b>Muir's Building Technology Committee will identify priorities for technology upgrades and maintenance tasks to support instructional strategies as identified in the Transformation Plan.</b></p>	<p>Educational Technologist Meetings conducted by Department of Technology Services staff.</p>	<p>Yearly Building Technology Integration Survey</p> <p>Tech committee will publish priorities to building staff via school website and/or staff email</p>	<p>Principal Educational Technologist Librarian Building Technology Comm. Members Network Analyst Instructional Technology Consultant</p>	<p>September 2007 – June 2010</p>	<p>Online Teacher Technology Integration Survey</p>	<p>NA</p>
<p><b>Work with District Network Analyst to support building academic and technology goals.</b></p>	<p>Educational Technologist Meetings conducted by Department of Technology Services staff.</p> <p>Regularly scheduled building technology committee meetings.</p>	<p>Yearly Building Technology Integration Survey</p> <p>Tech committee will publish support procedures via school website and/or staff email and/or staff meeting.</p>	<p>Principal Educational Technologist Librarian Building Technology Comm. Members Network Analyst</p>	<p>September 2007 – June 2010</p>	<p>Possible building funds for discretionary purchases as approved by the Building Technology Comm.</p>	<p>District Funds</p>

<p><b>Hire a U-wired student to help assist with technology maintenance and upgrades.</b></p>	<p>Educational Technologist Meetings</p>	<p>Tech committee will publish support procedures via school website and/or staff email and/or staff meeting.</p>	<p>Principal Educational Technologist Librarian Building Technology Comm. Members Network Analyst</p>	<p>September 2007 – June 2010</p>	<p>N/A</p>	<p>Muir Building Funds</p>
<p><b>Building staff trained in Tier I and SysOp support.</b></p>	<p>Tier I Support Training and SysOp training</p>	<p>Yearly Building Technology Integration Survey Tech committee will alert staff to tech training opportunities.</p>	<p>Educational Technologists Librarian SSD IT department</p>	<p>September 2007 – June 2010</p>	<p>N/A</p>	<p>Muir Building funds for substitutes.</p>
<p><b>Upgrade existing computers in the classrooms, computer lab, and library</b></p>	<p>Organized by the building Technology Comm.</p>	<p>Building Inventory</p>	<p>Principal Tech. Comm. Educational Technologist Librarian</p>	<p>October 2007- June 2010</p>	<p>Technology Levy Donations</p>	<p>BTA II Levy, District Funds</p>

**Strategy:** Use levy tools to support and enhance instruction to increase student learning at Muir Elementary

**Rationale:** Tools allow teachers and students to achieve new avenues for communication and learning in the classroom. Instructional presentation and student productivity. Teachers produce, store, and retrieve learning materials electronically (Tier 1 focus on teacher productivity, Tier 2 focus on student productivity and teacher facilitation.)

**Evaluation Procedure:** Teachers will determine procedures to show they have moved beyond tier 1. For example, student multimedia projects to demonstrate learning.

Activity/Task	Professional Development	Evaluation (Measurable Change)	People Involved	Starting and Ending Dates	Resources: Description / Type	Cost / Funding Source
<p><b>Presentation Station Basics</b> – Teachers set-up a presentation station in their classroom and learn the basic operations and functions of using the document camera, computer, and LCD projector.</p>	<p>Day 1 Presentation Station Training</p>	<p>BTA II online survey after 2<sup>nd</sup> session of presentation station professional development.</p>	<p>Instructional Technology Staff Network Analyst Building Educational Technologists Teachers</p>	<p>October 2007  As scheduled on the BTA II Levy Rollout calendar</p>	<p>AverMedia Avervision Document Camera, Hitachi LCD Projector, Student Computer, and supporting Instructional Technology professional development documentation.</p>	<p>BTA II Levy</p>
<p><b>Presentation Station Advanced</b> – Teachers learn advanced uses of the presentation station, including transferring images from camera to a computer and using a computer to lead interactive lessons.</p>	<p>Day 2 Presentation Station Training</p>	<p>BTA II online survey after 2<sup>nd</sup> session of presentation station professional development.</p>	<p>Instructional Technology Staff Building Technology Comm. Teachers</p>	<p>October 2007 - 2008  As scheduled on the BTA II Levy Rollout calendar</p>	<p>AverMedia Avervision Document Camera, Hitachi LCD Projector, Student Computer, and supporting Instructional Technology professional development documentation.</p>	<p>BTA II Levy</p>
<p><b>Collaborative and Peer Learning</b> – Teachers and students use a document camera and projector to facilitate the sharing of student work as an on-going learning strategy. For example, group math work and/or student writing is projected for sharing as the basis for class discussion and scoring to increase rigor in the subject areas.</p>	<p>Day 2 Presentation Station Training  or other building professional development opportunities organized by the building technology committee.</p>	<p>20% of the teachers will demonstrate lessons using the camera and projector during a staff development meeting.  Yearly Building Teacher Technology Integration Survey will identify at least 25% of the staff operating at Tier 2.</p>	<p>Instructional Technology Staff Building Technology Comm. Teachers Students</p>	<p>October 2007 – June 2010  As scheduled on the BTA II Levy Rollout calendar  or as scheduled by the building technology committee.</p>	<p>AverMedia Avervision Document Camera, Hitachi LCD Projector, Student Computer, and supporting Instructional Technology professional development documentation.</p>	<p>BTA II Levy</p>



<p><b>Modeling Effective Writing Strategies –</b> Using their presentation station teachers can share and demonstrate NUA and GLAD strategies to incorporate writing instruction across the curriculum. Teachers can exemplify and illustrate school wide writing traits, prompts, anchor papers and rubrics appropriate to each grade level.</p>	<p>Day 2 Presentation Station Training  or  other building professional development opportunities organized by the building technology committee.</p>	<p>20% of the teachers will demonstrate effective writing lessons using the camera and projector during a staff development meeting.  Yearly Building Teacher Technology Integration Survey will identify at least 25% of the staff operating at Tier 2.</p>	<p>Instructional Technology Staff  Building Technology Comm.  Educational Technologist  Teachers  Students</p>	<p>October 2007 – June 2010  As scheduled on the BTA II Levy Rollout calendar  or  as scheduled by the building technology committee.</p>	<p>AverMedia Avervision Document Camera, Hitachi LCD Projector, Student Computer, and supporting Instructional Technology professional development documentation.</p>	<p>BTA II Levy</p>
<p><b>Multimedia Learning Projects -</b> Students create multimedia projects using applications like Photostory, PowerPoint, iMovie, iPhoto and MovieMaker, to demonstrate their new learning.</p>	<p>Day 2 Presentation Station Training  or  other building professional development opportunities organized by the building technology committee.</p>	<p>20% of the student body will create and present multimedia projects  Yearly Building Teacher Technology Integration Survey will identify at least 25% of the staff operating at Tier 2.</p>	<p>Instructional Technology Staff  Building Technology Comm.  Educational Technologist  Students  Teachers</p>	<p>October 2007 – June 2010  As scheduled on the BTA II Levy Rollout calendar  or  as scheduled by the building technology committee.</p>	<p>Student Levy Computers, AverMedia Avervision Document Camera, Digital Cameras</p>	<p>BTA Levy and Muir building designated funds.</p>
<p><b>Internet Research –</b> Librarian and ET and students use the internet as a research tool. This will include instruction based on the Big 6 Information Literacy Model which is used for teaching information and technology skills. These include: evaluating and then selecting appropriate and accurate web resources; the principles of on-line safety; copyright issues and the proper citation of web resources.</p>	<p>Day 2 Presentation Station Training  or  other building professional development opportunities organized by the building technology committee.</p>	<p>The librarian and ET will use the projector and the internet to teach students the principles of Internet Research and safety.  Yearly Building Teacher Technology Integration Survey will identify at least 25% of the staff operating at Tier 2.</p>	<p>Instructional Technology Staff  Building Technology Comm.  Educational Technologist  Librarian  Teachers  Students</p>	<p>2007 – 2010  As scheduled on the BTA II Levy Rollout calendar  or  as scheduled by the building technology committee.</p>	<p>Classroom presentation Stations and student levy computers. Computers in the lab and library.</p>	<p>BTA II Levy</p>

<p><b>Internet Resources</b> – Teachers and students will become fluent and facile users of the District’s On-Line Resources that are appropriate at the elementary level. Resources like Tumblebooks, CultureGrams, and World Book Online all of which help students to develop their understanding of important concepts.</p>	<p>Day 2 Presentation Station Training or other professional development opportunities scheduled by the building technology committee.</p>	<p>Librarian, ET, and Teachers will collaborate and share web resources that help students engage with important concepts  Yearly Building Teacher Technology Integration Survey will identify at least 25% of the staff operating at Tier 2.</p>	<p>Librarian Educational Technologist Classroom teachers Instructional Technology Staff Students</p>	<p>October 2007 – June 2010  As scheduled on the BTA II Levy Rollout calendar or as scheduled by the building technology committee.</p>	<p>Classroom presentation Stations and student levy computers.</p>	<p>BTA II Levy</p>
<p><b>Sound Enhancement</b> – Teachers and students use a sound enhancement system to facilitate the sharing of student/teacher interactions as an on-going learning strategy.</p>	<p>Scheduled by Phonic Ear Training Team and Department of Technology Services</p>	<p>Yearly Building Teacher Technology Integration Survey will identify at least 25% of the staff operating at Tier 2.</p>	<p>PhonicEar Training Team Building Technology Comm. Educational Technologist</p>	<p>October 2007 – June 2008</p>	<p>PhonicEar - Sound Enhancement System</p>	<p>BTA II Levy</p>

**Strategy:** Teachers will use technology to support and enhance productivity and increase communication with parents, staff, and other educators.

**Rationale:** Create competency around eSIS, Easy Grade Pro, The Source, and other district tools that work to increase the learning communities' participation and support of parents and students.

**Evaluation Procedure:** Muir staff will set goal targets and intervals for review of progress.

Activity/Task	Professional Development	Evaluation (Measurable Change)	People Involved	Starting and Ending Dates	Resources: Description / Type	Cost / Funding Source
<p><b>eSIS – Electronic Student Information System</b> – Teachers record daily student attendance information.</p>	<p>Instructional Technology conducts group and individual training as needed.</p>	<p>Teachers are all using eSIS for attendance on a regular basis.</p>	<p>eSIS Group and Instructional Technology Teachers Office Assistant</p>	<p>September 2007 – June 2010</p>	<p>Classroom Workstation with access to eSIS.</p>	<p>BTA II Levy</p>
<p><b>Email</b> – Teachers use email to communicate electronically with parents, staff, and students.</p>	<p>Instructional Technology conducts group and individual training as needed.</p>	<p>All staff will sign the internet use agreement. Training in the use of Outlook will be provided as needed by DOTS.</p>	<p>Department of Technology Services Teachers Staff Parents Students</p>	<p>September 2007 – June 2010</p>	<p>Classroom Workstation</p>	<p>General Technology Funds</p>

<p><b>John Muir Web Site</b> – Librarian, Educational Technologist and the U-Wired Student will continue to maintain, update and improve the John Muir Web site as a communication gateway to important and up to date information about John Muir life, events, news, and links to online resources</p>	<p>Department of Technology Services On going Web Development training for the Muir Webmasters.</p>	<p>Muir Website usage data</p>	<p>Department of Technology Services District Webmaster Educational Technologist Librarian U-Wired Student</p>	<p>September 2007- June 2010</p>	<p>Classroom Workstation, Current versions of Dreamweaver Software and Adobe Acrobat Professional</p>	<p>Muir Building Funds</p>
<p><b>Source – Teacher Pages</b> – Teachers use internet pages to share classroom information (assignments and other documents) with students and parents. Other staff, eg Librarians, Art, PE, Computer teachers and Counselors will also share program information when the Source Team provides that opportunity.</p>	<p>Source Support Group provides professional development as needed.</p>	<p>Yearly Building Teacher Technology Integration Survey</p>	<p>Source Team Principal Teachers Students Parents</p>	<p>Starting whenever professional development support is available – June 2010 and the Software is made fully functional.</p>	<p>Classroom Workstation</p>	<p>BTA II Levy</p>