

# 2007-2010 MONTLAKE ELEMENTARY TECHNOLOGY PLAN

## BUILDING SCHOOL IMPROVEMENT GOALS

**Goal Title:** Use technology to support our building Transformation Plan

**Strategy:** Create a technology support infrastructure to promote the reliability and use of technology tools.

**Rationale:** Technology is an integral part of classroom learning tools. Technology needs to be reliable in order to be used effectively.

**Evaluation Procedure:** Building Educational Technologist (ET) meets on a regular basis with district support personnel to ensure timely and effective support for building. ET also coordinates support for building teachers and staff.

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>The School's Building ET and Staff will identify priorities for technology upgrades and maintenance tasks to support instructional strategies as identified in the Transformation Plan.</b></p>	<p>ET will attend Educational Technologist Meetings conducted by Department of Technology Services staff.</p>	<p>ET &amp; Tech committee will publish priorities to building staff via school website and staff email.</p>	<p>Claudia Allan Jim Dunnigan, Teacher, ET. Regie Yaplee, Network Analyst Juli Swinnerton, Instructional Technology Consultant</p>	<p>Ongoing September 2007 – June 2010</p>	<p>Online Teacher Technology Integration Survey BLT, Staff, and PTA meetings to solicit feedback.</p>	<p>District Funds</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>ET to setup regular communication with NA to solve issues.</p>	<p>Claudia Allan Jim Dunnigan Regie Yaplee</p>	<p>September 2007 – June 2010</p>	<p>N/A</p>	<p>District Funds</p>

<b>Work with HelpDesk to resolve building support issues.</b>	Educational Technologist Meetings	ET will log support issues with the goal of resolving basic issues within 24-48 hours.	Jim Dunnigan, ET District HelpDesk	September 2007 – June 2010	N/A	District Funds
<b>Building staff trained in Tier I and SysOp support.</b>	Tier I Support Training and SysOp training	ET to provide Tier 1 support. ET will log support issues to track time and effort resolving issues.	Jim Dunnigan ET	Ongoing September 2007 – June 2010	N/A	Building funds for substitutes.

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

**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:** Buildings determine procedure 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
<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.	Day 1 Presentation Station Training	BTA II online survey after 2 <sup>nd</sup> session of presentation station professional development.	Instructional Technology Staff Network Analyst Jim Dunnigan, ET	October-December 2007  As scheduled on the BTA II Levy Rollout calendar	AverMedia Avervision Document Camera, Hitachi LCD Projector, Student Computer, and supporting Instructional Technology professional development documentation.	BTA II Levy

<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 Teachers</p>	<p>March-June 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>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 is projected for sharing as the basis for a class discussion.</p>	<p>Day 2 Presentation Station Training  or  other building professional development opportunities organized by the ET and staff.</p>	<p>25% of staff will submit one lesson plan to a curriculum library that uses the presentation station to teach writing. Yearly Building Teacher Technology Integration Survey will identify at least 50% of the staff operating at Tier 2</p>	<p>Instructional Technology Staff  Building Teachers</p>	<p>March 2007 – June 2010  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>Modeling Effective Writing Strategies</b> – Using their presentation station teachers can exemplify and illustrate text features. Teachers will also use software applications that enhance writing and which make writing more accessible to all students.</p>	<p>Day 2 Presentation Station Training  or  other building professional development opportunities organized by the building technology committee.</p>	<p>25% of staff will submit one lesson plan to a curriculum library that uses the presentation station to teach writing. Yearly Building Teacher Technology Integration Survey will identify at least 50% of the staff operating at Tier 2</p>	<p>Instructional Technology Staff  Building Staff</p>	<p>September 2007 – June 2010  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.  Inspiration software and Microsoft Word.</p>	<p>BTA II Levy</p>

<p><b>Use appropriate technology to provide students with reading and literacy practice and skills.</b></p> <p>Students will use a variety of applications to work on reading and literacy skills. Student performance will be assessed and monitored for progress.</p>	<p>Training done in-house for staff and parent volunteers.</p>	<p>99% of 3<sup>rd</sup>, 4<sup>th</sup>, and 5<sup>th</sup> grade students meet or exceed the WASL reading standards.</p>	<p>Debora Hare, Librarian Jim Dunnigan, Technology Teachers Parent Volunteers Teaching staff</p>	<p>2007-2010</p>	<p>We will be using the following software applications: Lexia, Read Naturally, Accelerated Reader, STAR, Phonics, Reading SOS</p>	
<p><b>Use appropriate technology to improve student's knowledge and application of math skills.</b></p> <p>Students will apply math concepts by using software applications to demonstrate knowledge. Math will be incorporated into technology projects where appropriate.</p>	<p>Training done in-house for staff.</p>	<p>90% of 4<sup>th</sup> grade students meet or exceed WASL Math standards.</p>	<p>Teaching staff and technology teacher Math Teachers</p>	<p>2007-2010</p>	<p>We will be using the following software: Geo Logo, Shapes, Microsoft Excel, and various math-oriented websites. TERC software or new district math standard electronic software.</p>	
<p><b>Project –Based Challenge Projects.</b></p> <p>Students use a variety of applications, on-line resources and Big 6 research skills to create integrated projects tied to the curriculum. Projects will incorporate a variety of digital multimedia tools such as electronic presentation software, video editing tools, word processing, spreadsheets, audio tools, and digital photos tools. Appropriate use of the Internet as a research tool will also be emphasized.</p>	<p>Day 2 Presentation Station Training or other building professional development opportunities organized by the building technology committee.</p>		<p>Jim Dunnigan, Computer Teacher Debora Hare, Librarian  Classroom teachers as collaborators.</p>	<p>September 2007 – June 2010  As scheduled on the BTA II Levy Rollout calendar</p>	<p>Student Levy Computers, AverMedia Avervision Document Camera, Digital Cameras</p>	<p>BTA Levy and building designated funds.  Potential PTA funds for new computer lab.</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 50% of the staff operating at Tier 2</p>	<p>PhonicEar Training Team</p>	<p>September 2007 – June 2008</p>	<p>PhonicEar - Sound Enhancement System</p>	<p>BTA II Levy</p>
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**Strategy:** Teachers will use technology to support and enhance productivity and increase communication with parents, staff, and other educators.

**Rationale:** Create competency around district electronic tools that work to increase the learning communities' participation and support of parents and students.

**Evaluation Procedure:** Schools 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 and enter appropriate student data such as DRA assessment scores.</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 Building Teachers</p>	<p>September 2007 – June 2010</p>	<p>Classroom Workstation with access to eSIS.</p>	<p>BTA II Levy</p>
<p><b>Email will be the primary means of communicating routine school information.</b> Teachers and staff use email to communicate electronically with parents, staff, and teachers.</p>	<p>Instructional Technology conducts group and individual training as needed.</p>	<p>Clear expectations for response times and usage are established and agreed to by the majority of staff. Those expectations are made known to all relevant constituencies</p>	<p>Principal All building staff and teachers</p>	<p><i>Emphasis in</i> September 2007 Ongoing through– June 2010</p>	<p>Classroom Workstation</p>	<p>General Technology Funds</p>

<p><b>School Website will be updated on a regular basis with current school information.</b> All relevant and time-sensitive information school information will be posted in a timely manner on the website.</p>	<p>Source Support Group provides professional development as needed.</p>	<p>Staff agrees to norms for use. Those norms are made known to all relevant constituencies</p>	<p>Building Staff ET Site Webmaster</p>	<p>September 2007 – June 2010</p>	<p>Classroom Workstation</p>	<p>BTA II Levy</p>
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