

NORTHGATE ELEMENTARY SCHOOL
2007-2010 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. (team, process, plan)

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

Evaluation Procedure: Representative Technology committee meets on a regular basis to determine the effectiveness of their support model.

Activity/Task (Is it measurable and achievable?)	Professional Development	Evaluation (Measurable Change)	People Involved	Starting and Ending Dates	Resources: Description / Type	Cost / Funding Source
<p>The School's Building Technology Committee will identify priorities for technology upgrades and maintenance tasks to support instructional strategies as identified in the Transformation Plan.</p>	<p>Educational Technologist Meetings conducted by Department of Technology Services staff.</p>	<p>Tech committee will publish priorities to building staff via school website and staff email.</p>	<p>Principal Educational Technologist 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>Work with District Network Analyst to support building academic and technology goals. Install needed software upgrades and peripherals such as: Photo Story 3, networked printers etc.</p>	<p>Educational Technologist Meetings conducted by Department of Technology Services staff. Regularly scheduled building technology committee meetings.</p>	<p>Tech committee will publish support procedures via school website and staff email. We will track support calls to the school</p>	<p>Principal Educational Technologist 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>Hire a Uwired student to help assist with technology maintenance and upgrades.</p> <p>Combine and merge funding with four other schools to hire a Uwired student for one day a week for additional technology maintenance and upgrades.</p> <p>Perform routine maintenance on printers and scanners.</p> <p>Trouble shoot equipment repair of hardware and software issues.</p>	Educational Technologist Meetings	Tech committee will update the procedures and inform staff via school email. The ET will coordinate and track support calls.	Principal Educational Technologist Building Technology Comm. Members Network Analyst Uwired Student	September 2007 – June 2010	N/A	Building Funds
<p>Building staff trained in Tier I and CWS School Tech.</p> <p>Provide training for two additional building staff members one in Primary and one Intermediate representative in Tier 1 and CWS School Tech support.</p>	Tier I Support Training and CWS School Tech Support.	Tech committee will publish a list of teachers who have CWS School Tech accounts, and gather feedback of reoccurring troubleshooting issues.	Educational Technologists Building Technology Committee	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
<p>Presentation Station Basics – 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>	Day 1 Presentation Station Training	BTA II online survey after 2 nd session of presentation station professional development.	Instructional Technology Staff Network Analyst Building Educational Technologists	September 2007 – 2008 As scheduled on the BTA II Levy Rollout calendar	AverMedia Averision Document Camera, Hitachi LCD Projector, Student Computer, and supporting Instructional Technology professional development documentation.	BTA II Levy

<p>Presentation Station Advanced – 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>	Day 2 Presentation Station Training	BTA II online survey after 2 nd session of presentation station professional development.	Instructional Technology Staff Building Technology Comm.	September 2007 – 2008 As scheduled on the BTA II Levy Rollout calendar	AverMedia Averision Document Camera, Hitachi LCD Projector, Student Computer, and supporting Instructional Technology professional development documentation.	BTA II Levy
<p>Collaborative and Peer Learning – 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>	Day 2 Presentation Station Training	25% of staff will submit a sample lesson plan to share	Instructional Technology Staff	September 2007 – June 2010	AverMedia Averision Document Camera, Hitachi LCD Projector,	BTA II Levy

	<p>or</p> <p>other building professional development opportunities organized by the building technology committee.</p>	<p>or model at a staff meeting 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>Building Technology Comm.</p>	<p>As scheduled on the BTA II Levy Rollout calendar</p> <p>or</p> <p>as scheduled by the building technology committee.</p>	<p>Student Computer, and supporting Instructional Technology professional development documentation.</p>	
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<p>Modeling Effective Writing Strategies – Using their presentation station teachers can exemplify and illustrate text features.</p> <p>Model and share effective ways to integrate technology into core content lesson plans and projects.</p>	<p>Day 2 Presentation Station Training</p> <p>or</p> <p>other building professional development opportunities organized by the building technology committee.</p>	<p>25% of staff will submit a sample lesson plan to share or model at a staff meeting 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</p> <p>Building Technology Comm.</p> <p>Educational Technologist</p> <p>K-5 classroom teachers</p>	<p>September 2007 – June 2010</p> <p>As scheduled on the BTA II Levy Rollout calendar</p> <p>or</p> <p>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>Multimedia Learning Projects - Students create multimedia projects using applications like Photo story and PowerPoint to demonstrate their new learning.</p>	<p>Day 2 Presentation Station Training</p> <p>or</p> <p>other building professional development opportunities organized by the building technology committee.</p>	<p>25% of staff will submit a sample lesson plan to share or model at a staff meeting 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</p> <p>Building Technology Comm.</p> <p>Educational Technologist</p>	<p>September 2007 – June 2010</p> <p>As scheduled on the BTA II Levy Rollout calendar</p> <p>or</p> <p>as scheduled by the building technology committee.</p>	<p>Student Levy Computers, AverMedia Avervision Document Camera, Digital Cameras</p>	<p>BTA Levy and building designated funds.</p>
<p>Internet Research – Teachers and students use the internet as a research tool. This will include instruction for selecting appropriate and accurate web resources.</p> <p>Use the Seattle Public Schools online resources such as online dictionaries, encyclopedias, ProQuest, eLibrary, Facts on File, Tumble Books, Quick links, GoogleEarth. Seattle Public Library system along with King County library system, and Seattle Public Library online Homework Help, and Net Trekker etc.</p>	<p>Day 2 Presentation Station Training</p> <p>or</p> <p>other building professional development opportunities organized by the building technology committee.</p>	<p>25% of staff will submit a sample lesson plan to share or model at a staff meeting 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</p> <p>Building Technology Comm.</p> <p>Educational Technologist</p> <p>Librarian</p>	<p>2007 – 2010</p> <p>As scheduled on the BTA II Levy Rollout calendar</p> <p>or</p> <p>as scheduled by the building technology committee.</p>	<p>Classroom presentation Stations and student levy computers.</p>	<p>BTA II Levy</p>
<p>Internet Resources – Teacher and students use resources like Google Earth and Virtual Manipulatives to develop their understanding of important concepts</p> <p>Use of interactive story books such as Tumble Books, SAG (Screen Actor’s Guild) to enhance student motivation and reading comprehension.</p>	<p>Day 2 Presentation Station Training</p> <p>or</p> <p>other professional development opportunities scheduled by the building technology committee.</p>	<p>25% of staff will submit a sample lesson plan to share or model at a staff meeting presentation station to teach writing. Yearly Building Teacher Technology Integration Survey</p>	<p>Instructional Technology Staff</p> <p>Building Tech Committee</p> <p>Librarian</p>	<p>September 2007 – June 2010</p> <p>As scheduled on the BTA II Levy Rollout calendar</p> <p>or</p>	<p>Classroom presentation Stations and student levy computers.</p>	<p>BTA II Levy</p>

		will identify at least 50% of the staff operating at Tier 2		as scheduled by the building technology committee.		
Sound Enhancement – Teachers and students use a sound enhancement system to facilitate the sharing of student/teacher interactions as an on-going learning strategy.	Scheduled by Phonic Ear Training Team and Department of Technology Services	Yearly Building Teacher Technology Integration Survey will identify at least 50% of the staff operating at Tier 2	PhonicEar Training Team Building Technology Comm. Educational Technologist	September 2007 – June 2008	PhonicEar - Sound Enhancement System	BTA II Levy

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: 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
eSIS – Electronic Student Information System – Teachers record daily student attendance information.	Instructional Technology conducts group and individual training as needed.	Teachers are all using eSIS for attendance on a regular basis. Office will monitor with eSIS usage reports.	eSIS Group and Instructional Technology	September 2007 – June 2010	Classroom Workstation with access to eSIS.	BTA II Levy
Email – Teachers use email to communicate electronically with parents, staff, and students.	Instructional Technology conducts group and individual training as needed.	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	Department of Technology Services	September 2007 – June 2010	Classroom Workstation	General Technology Funds

<p>Source – Teacher Pages – Teachers use internet pages to share classroom information (assignments and other documents) with students and parents.</p> <p>Class newsletters and mini web pages and links for communication with parents.</p>	<p>Source Support Group provides professional development as needed.</p>	<p>Clear expectations for usage are established and agreed to by the majority of the staff.</p>	<p>Source Team</p>	<p>September 2007 – June 2010</p>	<p>Classroom Workstation</p>	<p>BTA II Levy</p>
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