

# ARBOR HEIGHTS 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/achievable?)	Professional Development	Evaluation (Measurable Change)	People Involved	Starting and Ending Dates	Resources: Description / Type	Cost / Funding Source
<p><b>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.</b></p>	<p>Educational Technologist Meetings conducted by Department of Technology Services staff.</p>	<p>Tech committee will publish priorities to building staff via staff email.</p>	<p>Principal ET 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 Instructional Technology Staff and District Network Analyst to support building academic and technology goals.</b></p>	<p>Educational Technologist Meetings conducted by Department of Technology Services staff.  Regularly scheduled and informal building technology committee meetings.</p>	<p>Tech committee will publish support procedures via staff email.</p>	<p>Principal ET Instructional Technology Consultant Building Tech Committee Network Analyst</p>	<p>September 2007 – June 2010</p>	<p>Possible building funds for discretionary purchases as approved by the Building Technology Comm. and the school BLT</p>	<p>District Funds</p>

<b>Building staff informed on basic problem solving, knowledgeable on how to get assistance efficiently, some trained in Tier I and SysOp support.</b>	Staff meetings, Tier I Support Training and SysOp training	Tech committee will publish a list of teachers who have SysOP accounts,	ET and Instructional Technology Consultant	September 2007 – June 2010	N/A	N/A
<b>Utilize U-Wired Assistant to provide Tier 1 and Sys Op Support in classrooms and lab</b>	N/A	Daily log completed by U-Wired Assistant, Work Request Notebook kept on file in School Office.	Trained by Department of Technology Services staff, supervised on site by building ET.	September 2007 – June 2010	N/A	School PTSA

**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><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</p>	<p>September 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>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 Network Analyst Building Educational Technologists</p>	<p>September 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 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 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 Technology Comm</p>	<p>September 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.  Computer Lab and other donated computers</p>	<p>BTA II Levy</p>



<p><b>Modeling Effective Writing Strategies –</b> Using their presentation station teachers can exemplify and illustrate text features.</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 Technology Comm.  Educational Technologist</p>	<p>September 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>25% of staff will submit one lesson plan to a curriculum library that requires students to produce a multimedia project. Yearly Building Teacher Technology Integration Survey will identify at least 50% of the staff operating at Tier 2</p>	<p>Instructional Technology Staff  Building Technology Comm.  Educational Technologist</p>	<p>September 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  Computer Lab and other donated computers</p>	<p>BTA Levy and building designated funds.</p>
<p><b>Internet Research –</b> Teachers and students use the internet as a research tool. This will include instruction for selecting appropriate and accurate web resources.</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 requires students to use the Internet as a research tool. Yearly Building Teacher Technology Integration Survey will identify at least 50% of the staff operating at Tier 2</p>	<p>Instructional Technology Staff  Building Technology Comm.  Educational Technologist</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.  Computer Lab and other donated computers</p>	<p>BTA II Levy</p>



<p><b>Internet Resources</b> – Teacher and students use resources like Google Earth and Virtual Manipulatives 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>25% of staff will submit one lesson plan to a curriculum library that an Internet Resource. Yearly Building Teacher Technology Integration Survey will identify at least 25% of the staff operating at Tier 3</p>	<p>Instructional Technology Staff</p>	<p>September 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.  Computer Lab and other donated 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 50% of the staff operating at Tier 2</p>	<p>PhonicEar Training Team  Building Technology Comm.  Educational Technologist</p>	<p>September 2007 – June 2008</p>	<p>PhonicEar - Sound Enhancement System</p>	<p>BTA II Levy</p>
<p><b>Podcasts</b> – Teachers and students access and download available video and or audio podcasts to support learning topics.</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 utilizes a podcast. Yearly Building Teacher Technology Integration Survey will identify at least 25% of the staff operating at Tier 3</p>	<p>Instructional Technology Staff  Building Technology Comm.  Educational Technologist</p>	<p>September 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.  Computer Lab and other donated computers</p>	<p>BTA II Levy</p>
<p><b>Creative Content Production</b> – Using web 2.0 tools like blogs, wikis, and podcasts, students will create online content to demonstrate mastery of skills (particularly writing), engage in collaborations worldwide, learn online safety skills, and add content to the Internet knowledge base.</p>	<p>Staff training sessions after school, evenings.</p>	<p>Establishment of classroom blogs and wikis.</p>	<p>Educational Technologist</p>	<p>September 2007 – June 2010</p>	<p>Classroom presentation Stations and student levy computers.  Computer Lab and other donated computers</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:** 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.</p>	<p>Instructional Technology conducts group and individual training as needed.</p>	<p>Teachers are all using eSIS for attendance on a regular basis. Office will monitor with eSIS usage reports.</p>	<p>eSIS Group and Instructional Technology</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 and building ET conduct group and individual training as needed, including staff training sessions in-house.</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>Instructional Technology , building ET</p>	<p>September 2007 – June 2010</p>	<p>Classroom Workstation Use of Computer Lab and other donated computers</p>	<p>General Technology Funds</p>