

**Riverview School District  
Riverview SD Technology Plan - 2010-2013  
3/23/2010**

**District Technology Planning for Title IID and E-Rate Eligibility**

**Riverview School District  
2010 - 2013**

**Technology Vision Statement:**

\*We believe that:

Digital technologies frame the infrastructure of 21st century life and so, are critical to 21st century education.

Digital technologies support skill sets and competencies that have direct application to the world students will encounter at graduation.

Digital technologies have great potential to support powerful teaching and student-centered learning environments.

Students must become technologically fluent, able to create high-quality knowledge products that demonstrate what they know and can do.

All students, regardless of socio-economic or cultural background, must be able to access technology at school.

Technological fluency is the basic skill that enables participation in a global economy.

\*Taken from the 2009-10 Educational Technology Plan for K-12 Public Schools in Washington State



<b>Goal 1:</b>		<b>Improving 8th Grade Student Tech Literacy</b>						
<b>SMART Goal:</b>		By the Spring of 2013, 90% of all 8th grade students in the Riverview School District will be at the Tier 2 or Tier 3 level on the Technology Literacy indicator scale						
<b>Strategy:</b>		Students will be given the opportunity to use technology across the curriculum for problem solving and for creating and presenting projects.						
<b>Rationale:</b>		Students need well developed technology skills to be successful in school project completion and presentation.						
Activities/Task	Professional Development	Timeline	Resources Amount / Type / Description / Funding Source			Who is Responsible?	Monitoring Effectiveness	
Use technology (hardware and software) to support the Washington Student Learning Standards (EALRs) with problem solving and project based instruction.	In class and computer lab consultation and training by Elementary Tech Integration Specialist and Secondary Tech Integration Specialist  After school tech classes for teachers in curriculum specific areas	9/1/2010				Director of Technology	8 <sup>th</sup> Grade Tech Literacy Survey	
		- 6/28/2013	600,000	People	2 Technology Integration Specialists	Tech Levy	Tech Integration Specialists	State Assessments
			50,000	Training Costs	Teacher Professional Development	Tech Levy	Classroom Teachers	Individual classroom assessments
						School Principals		
						District Technology Advisory Committee	School's SIP Plan evaluation for learning goals	
<b>Procedures for evaluating success in reaching this goal</b>		Collect outcome data through the 8 <sup>th</sup> -grade technology literacy survey on PILOT Jr.						

<b>Goal 2: Improving Teacher Integration of Technology</b>							
<b>SMART Goal:</b> By the Spring of 2013, 50% of all Riverview teachers will be at the Tier 2 or Tier 3 level on the Technology Integration indicator scale.							
<b>Strategy:</b> Use technology (hardware and software) to support the Washington Student Learning Standards (EALRs) with problem solving and project based instruction. Instruction in classroom use of Interactive Whiteboards							
<b>Rationale:</b> Well trained teachers increase student achievement by engaging students, parents and the community with technology in the teaching and learning cycles.							
Activities/Task	Professional Development	Timeline	Resources Amount / Type / Description / Funding Source			Who is Responsible?	Monitoring Effectiveness
Effective use of new equipment including new Interactive Whiteboards and updated computers in all classrooms	New Interactive Whiteboard Orientation for all teachers In Class and Computer Lab Consultation	9/1/2010				Tech Integration Specialists Classroom Teachers and Library Media Specialists	The Riverview School District will annually administer the Online PILOT technology integration and proficiency survey to all staff.
		- 6/28/2013	300,000 / Hardware /	Interactive Whiteboards for all classrooms	Technology Levy		
			300,000 / Training Costs	Staff Development	Tech Levy	School Principals Director of Technology	
Using technology as a learning tool for all students	After School and Summer Classes						
<b>Procedures for evaluating success in reaching this goal</b> Yearly Teacher "Tech Integration Survey" as well as Tech Integration Specialists observations							

<b>Goal 3:</b>		<b>Technology Proficiencies of Administrators, Teachers &amp; Teacher-Librarians</b>						
<b>SMART Goal:</b>		By the Spring of 2011, all teachers, teacher-librarians and administrators will reach the "basic" level of proficiency on the state's technology proficiency indicator tool. By June 2013 60% of the above group will move from basic to "technology proficient"						
<b>Strategy:</b>		Identify and schedule technology training for all certificated administrators, teachers and library media specialists. Encourage staff to model the use of technology as they work and teach.						
<b>Rationale:</b>		District staff must be technologically fluent if they are to model the professional and life skills of 21st Century citizens. This fluency should involve the ability to function productively as an online worker, and the skills to integrate technology into all aspects of work and personal life.						
Activities/Task	Professional Development	Timeline	Resources Amount / Type / Description / Funding Source				Who is Responsible?	Monitoring Effectiveness
Provide structured trainings to all staff to improve technology proficiencies.	Identify and schedule courses that involve hands-on practice with digital technologies.	9/1/2010 - 6/28/2013	50,000	Training Costs	Schedule regular Professional Development sessions throughout the school year	Tech Levy	Classroom Teachers and Library Media Specialists	Annual Pilot tech integration and proficiency surveys for all teachers, administrators, and library media specialists
Provide timely access to data and information to assist in the decision making and school improvement planning.							Tech Integration Specialists	Course evaluation surveys
							All School and Program Administrators	State assessment scores
							Director of Technology	
<b>Procedures for evaluating success in reaching this goal</b> The Riverview School District will annually administer the Online PILOT Technology Proficiency survey to all teachers, administrators and library media specialists.								

## Narrative, Technology Survey & CPA Compliance

We view technology as, first and foremost, an effective teaching and learning tool for Riverview students and, as an essential productivity tool for Riverview staff

We strive to make technology ubiquitous and fully functioning for all Riverview students and staff

With the recent passage of our 4 year Technology Levy (February '10), we will provide:

- 1) A "Refresh" of district computers for staff and students including new LRC computers, mobile laptop carts, and updated computer labs
- 2) Interactive White Boards for all classrooms
- 3) Provide key software purchases and subscriptions to improve learning and productivity
- 4) Continue current Tech Integration Specialists and Tech Support Staff
- 5) Ongoing Professional Development for Staff

### Annual

**Technology Survey:** Yes The district has completed the current technology survey and will continue to complete the survey annually.

**CIPA Compliance:** Yes The district has completed the current Form 479 and will continue to a Form 479 annually.

**E-rate – Priority One**

Voice, Data & Video	Budget & Potential Funding Source(s)
1. Increase wireless access at all building 2. Replace aging phone systems at Carnation, Stillwater, and Cherry Valley with IP phones 3. Re-wire 2 schools (Cherry Valley and Carnation)to CAT6 Standard	1. Wireless Access Points, Monitoring Software /\$50,000 / Tech Levy Funds 2. IP Phones / \$27,000 / Capital Projects Bond Funds 3. Rewiring / \$40,000 / Bond Funds

**How will these services support your district's learning goals?** -- These upgrades will the increase the ability of staff and students to communicate and access learning resources at high speeds in a variety of classrooms and administrative settings

**E-rate – Priority Two**

Internal Network - Hardware & Software	Budget & Potential Funding Source(s)
1. Install new primary servers at each school site (5) 2. Software for new servers 3. Continued support for all Hardware and Software implementation	1. 5 Servers/ \$12,500 / Tech Levy Funds 2. Software for new servers/ \$15,000 / Tech Levy 3. Two Support Positions / \$124,000 per year for 4 years / Tech Levy

**How will these services support your district's learning goals?**-- These upgrades will the increase the ability of staff and students to access learning resources at high speeds in a variety of classrooms and administrative settings

## **District Technology Standards & Budget**

**District Standards for** The Riverview School District maintains a mostly Windows network, using both PCs and a few Macintosh computers. We currently have over 1,200 computers on our network.

**Technology:** Our minimum specifications are:  
PC: Pentium III/IV/Celeron/ 1 GHz or higher  
Intel or AMD-based Pentium IV 2.4 GhZ or higher, Celeron 2.8 GhZ or higher, or dual core desktop, or 2.0 GhZ or higher laptop

Mac G5 2.1 GhZ or higher iMac or G4/G5 1.9 GhZ or higher iBook/MacBook

Also: HP Computers and Printers, Canon Copiers, Tadiran Phone System, Lumens Document Cameras, Epson Projectors, Netgear Switches, Allied Telesyn Routers

Software used district-wide with main function noted:  
All Staff Workstations:

Spreadsheets: MS Excel  
Presentation: MS PowerPoint  
Word-processing: MS Word  
E-mail: MS Outlook  
Web: Internet Explorer  
Antivirus: Symantec

In addition, a number of miscellaneous and specialized software packages are used at specific grade levels.

**Budget:** Yearly Operational Technology Budget

District Tech Support and Supplies Budget: \$60,000

Technology Support from New Technology Levy funds that run through 2015:

2 Tech Integration Specialists: \$180,000  
2 Computer Tech Support Personnel: \$120,000

Yearly Hardware, Software, Misc funds for upgrades and new projects funds: \$490,487

**Maintenance, Upgrade & Support**

Strategies	Budget & Potential Funding Source(s)	Timeline
<p>1. Monitor desktop and laptop computers to identify specific machines that need more maintenance than normal and replace them as per district maintenance schedule (5 year cycle). Assumes 15-30 computers will be replaced per year.</p> <p>2. Also our district tech maintenance plan states that we assume a five-year useful life of our newer computers (current group purchased in 2008). We will add 500 new "replacement cycle" computers during the 2010-2013 school years</p>	<p>Yearly Operational Technology Budget District</p> <p>Tech Support and Supplies Budget: \$60,000</p> <p>Yearly Technology Support from New Technology Levy funds that run through 2015:</p> <p>2 Tech Integration Specialists: \$180,000</p> <p>2 Computer Tech Support Personnel: \$120,000</p> <p>Yearly Hardware, Software, Misc funds for upgrades and new projects funds: \$490,487</p>	<p>Upgrade and replace computer hardware, software, and cabling on a yearly basis as per district maintenance schedule</p>

**How will these services support your district's learning goals?**

A planned "refresh" of student and teacher computers provides reliability, predictability, and up to date computer tools. Increased Help Desk Support provides for faster response and less down time.

**Technology Plan Review & Update**

Strategies for Evaluation & Update	Person or Team Responsible	Timeline
1. Review the technology plan; identify progress and evaluate changes as needed;	Director of Technology / Tech Integration Specialists / Tech Support Team / Principals / District Tech Steering Committee	Yearly
2. Tech Integration Assessment/ Assess integration of technology within the curriculum using surveys and assessment tools designed within the curriculum development process. Determine needs for in-servicing of teachers in the technology areas and develop appropriate content. Review staff input from the in-services and use assessment tools to gather data on student use of technology.	Director of Technology / District Tech Steering Committee / District Tech Integration Specialists (Elementary and Secondary / Director of Curriculum / Principals	Yearly
3. Technology Department Support / Provide leadership for staff development; -- Manage the technology grants and budgets to reflect the needs of the students and staff K-12; -- Stay current with developments and innovations in the field; -- Maintain current inventories and adjust as outlined in the plan; -- Provide service and repair to maintain equipment and networks; -- Help the technology director gather data for state and local reports.	Director of Technology / Building Technology Coordinators / Tech Support Team /	Yearly
4. District Leadership / -- Provide leadership and support for curriculum development; -- Provide leadership and support on technology integration; -- Provide leadership and training in assessment -- Review and promote district educational goals.	The Superintendent, School Board, Curriculum Director, and District Technology Steering committee	Yearly