

East Valley School District No. 361

Technology Plan
2007-2010

Submitted by the
East Valley School District Technology Department



East Valley School District No. 361

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Superintendent: Christine Burgess

Board of Directors: Jerry Shaw Mike King June Sine Kerri Lunstroth Roger Trainor

TO: Deborah Ramsey, ESD 101 Ed Tech Director

FROM: June Sine, Chairperson, EVSD 361 School Board

DATE: 04/10/2007

SUBJECT: Approval of and Support for the EVSD 361 Technology Plan

The School Board of East Valley School District No. 361 has reviewed the district's technology plan and is in full accord and agreement with the contents and direction of the plan. The Board strongly supports the plan's focus on student learning and the role that technology plays in that effort. The Board is committed to continuous review and revision of the plan and will provide support for funding and resources during the three-year duration of the plan.

The district's technology plan does, to the best of our knowledge, comply with the criteria established for state approval. This technology plan was approved and adopted by the school board on April 10, 2007.

June Sine, School Board President

Christine Burgess, Superintendent

EVSD Technology Vision Statement

The student learning community in East Valley School District will be technologically literate life-long learners and will access technology to retrieve and effectively use information in an ever-changing global society. Our students will be able to compete in a twenty-first century environment to successfully achieve their personal, education, and workplace goals.

EVSD 361 2007-2010 TECHNOLOGY PLAN

DISTRICT TECHNOLOGY GOALS

Goal: Technology Integration.

SMART Goal Statement: By the spring of 2010, 70 % of all 8th graders will be at tier 2 or 3 on the technology literacy indicator scale.

Strategy: 1. Internet and Telecommunications: Students will retrieve, save, and store electronic data from Internet and other multimedia sources. *Use a variety of media to gather information. *Use telecommunications efficiently to communicate, collaborate, and work effectively to support learning and/or problem-solving. *Use search strategies. Evaluate relevance, appropriateness, validity, currency, and accuracy of web pages and Web sites. 2. Students will use information to support learning in all content areas. *Communicate thoughts, ideas, and stories using technology applications. *Communicate awareness of technology uses and risks.

Rationale: Students will use technology to access, retrieve, evaluate and interpret visual/auditory information.

Evaluation Procedure:

Activity/Task	Professional Development	Evaluation (Measurable Change)	People Involved	Starting and Ending Dates	Resources: Description / Type	Cost / Funding Source
3rd through 8th grade keyboarding and computer classes.	Technology Conferences/Classes Teacher Workshops	8th grade Technology Literacy Survey; Individual classroom assessment.	Elementary and Middle School Teachers; Instructional Technology Specialists; Director of Technology; Computer Lab Para-Professionals	9/1/2007 - 6/30/2010	Second Computer Lab for Mountain View Middle School Mobile Laptop Cart for East Valley Middle School Upgrade Trentwood Elementary Computer Lab	\$25,000 General Fund \$30,000 General Fund and I-728 25,000 General Fund
Students will apply their computer skills across curriculum.	Technology Conferences/Classes Teacher Workshops	8th grade Technology Literacy Survey; Individual classroom assessment.	Elementary and Middle School Teachers; Instructional Technology Specialists; Director of Technology; Computer Lab Para-Professionals	9/1/2007 - 6/30/2010	Mobile Laptop carts for Elementary Schools.	20,000 per school, General fund/I728/Title I

EVSD 361 2007-2010 TECHNOLOGY PLAN

DISTRICT TECHNOLOGY GOALS

Goal: Technology Integration for Educators

SMART Goal Statement: 50% of the teachers and support staff will be at a tier 2 on the Teacher Technology Literacy Self-Assessment Survey before June 2010.

Strategy: Direct Training and Workshops; Intel Teach Program

Rationale: Data collected throughout the evaluation process reveal that the Essentials Course is succeeding in four key areas: 1. Increased use of technology for lesson planning and preparation; 2. Increased use of technology activities with students; 3. Implementation of the unit designed in the training; 4. Increased use of project-based approaches (Martin and Shulman, 2006)

Evaluation Procedure:

Activity/Task	Professional Development	Evaluation (Measurable Change)	People Involved	Starting and Ending Dates	Resources: Description / Type	Cost / Funding Source
Intel Teach Program – Essentials Course is offered each fall for 20 teachers to support them on creating curricular units and evaluation tools that address state and national standards, effective use of technology in the classroom, and problem-solving and working in teams	Hands-on instruction focusing on backward design, curriculum enhancement using technology integration, differentiated instruction, and authentic inquiry.	Staff & student PILOT surveys WASL scores	Director of Technology; Instructional Technology Specialists; School Principals; Classroom teachers	9/1/2007 - 6/30/2010	Master Teacher preparation and release time.	\$5,000 General funds and I728.
Intel Teach Program – Thinking with Technology Course is offered each Spring for 20 teachers to support them on creating curricular units and evaluation tools that address state and national standards, effective use of technology in the classroom, and problem-solving and working in teams	Hands-on instruction focusing on instructional strategies for addressing and assessing thinking skills, using technology to support deeper understanding of core content.	Staff & student PILOT surveys WASL scores	Director of Technology; Instructional Technology Specialists; School Principals; Classroom teachers	9/1/2007 - 6/30/2010	Master Teacher preparation and release time	\$5,000 General funds and I728.

2007-2010 TECHNOLOGY PLAN

DISTRICT-LEVEL NETWORK & TELECOMMUNICATIONS PLAN – PART 1

District Technology Standards

East Valley School District has standardized on PC operating systems and equipment. Dell has been selected as the standard for Desktop PCs and laptops. We purchase the Optiplex line for our desktops and Latitude line for our laptops. Our minimum specifications are:

Processor Speed: Pentium III/IV/Celeron/AMD 1.0 GHz or higher
256MB RAM; 20GB HD; 10/100 NIC Card; 17" Monitor; 8X CD-ROM; Sound Card
or Integrated sound on the main board.

District Standard Software:

1. Word Processing: Microsoft Word
2. Spreadsheet: Microsoft Excel
3. Presentation: Microsoft Powerpoint
4. Desktop Publishing: Microsoft publisher
5. Internet Browser: Internet Explorer
6. Email: GroupWise
7. Anti-Virus: Sophus
8. Acrobat Reader
9. Secondary Gradebook: Skyward EA+
10. Elementary Gradebook: Easy Grade Pro
11. Web-Based Computer Assisted Instruction
 - Academy of Math
 - Academy of Reading
 - OdesseyWare Online

A variety of specialized software is also utilized at specific grade levels and to meet unique departmental needs. All technology purchases must be approved by the Technology Services Department. This ensures that software and hardware purchases meet district technology standards and Total Cost of Ownership goals.

Standards are reviewed on an annual basis. The State of Washington standards, minimum requirements for information systems, and "global business practices" are all considered when reviewing and updating standards. Annual inventory reports and Computer Service Requests (CSR) status and completion reports will provide a snapshot of how the district is addressing infrastructure, hardware, technical support and software.

Budget Summary

Budget details contained in other sections of plan.

EVSD 361 2007-2010 TECHNOLOGY PLAN

DISTRICT-LEVEL NETWORK & TELECOMMUNICATIONS PLAN – PART 2

E-rate Priority One Requests

Voice, Data, Video and Other Priority One Capabilities	Purchase / Budget / Potential Funding Source(s)
Telephone Service Leased Lit Fiber WAN Services (1Gb Shared) Cellular Service for Administrators Long Distance Service	The anticipated annual cost to the District for providing Priority One Capabilities (Leased Lit Fiber (WAN), Local, Cellular and Long Distance Telephone Services) to staff and students is approximately \$175,000. The funding sources for these services will include a combination of General Funds, Maintenance & Operation Funds, and E-Rate, where possible.
How will these services support your district's learning goals?	More efficient use of technology, more effective use of limited instructional time, and improved access to learning resources are benefits of upgrading connectivity and the network infrastructure. These benefits are directly related to our goals of ensuring equity of access to technology for all students and using technology to increase student learning.

EVSD 361 2007-2010 TECHNOLOGY PLAN

DISTRICT-LEVEL NETWORK & TELECOMMUNICATIONS PLAN – PART 2

E-rate Priority Two Requests

Hardware/Software/Support	Purchase / Budget / Potential Funding Source(s)
<p>We anticipate that over the next three years, EVSD will upgrade a significant percentage of our existing network hardware, software, and infrastructure. Our goal is to focus on the following primary areas:</p> <p>East Valley Middle School; LAN Cabling, Ethernet switches, wireless access points, servers, server software, UPSs, and IP PBX equipment</p> <p>Otis Orchards Elementary; LAN Cabling, Ethernet switches, wireless access points, servers, server software, UPSs, and IP PBX equipment</p> <p>East Farms Elementary; LAN Cabling, Ethernet switches, and IP PBX equipment</p> <p>Skyview Elementary; IP PBX equipment</p> <p>Mountain View Middle School; IP PBX equipment</p>	<p>East Valley Middle School; \$212,000 E-Rate Funds, \$53,000 General Funds</p> <p>Otis Orchards Elementary; \$152,000 E-Rate Funds, \$38,000 General Funds</p> <p>Skyview Elementary, \$15,000 General Funds</p> <p>Mountain View Middle School; \$15,000 General Funds</p> <p>East Farms Elementary; \$30,000 General Funds</p>
<p>How will these services support your district's learning goals?</p>	<p>These technologies are directly tied into our goals of ensuring equity of access to technology for all students and using technology to increase student learning. The desired technologies will increase and improve the use of technology as an instructional, research, and presentation tool in all curriculum areas focusing on student mastery of the Washington Assessment of Student Learning (WASL).</p>

EVSD 361 2007-2010 TECHNOLOGY PLAN

DISTRICT-LEVEL NETWORK & TELECOMMUNICATIONS PLAN – PART 2

Maintenance, Upgrade and Support Strategies

Description of Maintenance/Upgrade/Support Strategies	Purchase / Budget / Potential Funding Source(s)	Timeline
<p>All technology support services are provided by the EVSD Technology Services department. This support currently consists of the Director of Technology, one Network/Server Manager, two computer technicians, and one Technology Support Assistant. Outside consultants and on-site warranty repair are used as needed. All computing equipment is purchased with a minimum of a three year warranty.</p> <p>Desktop computers will be replaced on a six year replacement cycle. Laptops and computers used for specialized, high-end applications will be replaced on a 3 year cycle. Network equipment, servers and printers will be replaced as needed. Upgraded computers are needed at all grade levels. Priorities are determined by instructional and curricular needs. As a base strategy, the district goal is to provide each teacher with a computer that meets district standards and each building will have a computer lab capable of running district standard software.</p>	<p>The budgeted amount of adding to, upgrading and replacing our computers is \$250,000 per year. Funding for hardware and software comes from a variety of sources, including local levy funds, CTE funds, State and Federal funding sources, Federal and Foundation grants. The District also anticipates using eRate reimbursement funds to support eligible hardware, software purchases and basic maintenance agreements where applicable. The combined salary and benefits expenses of district-provided technology support are approximately \$300,000 annually.</p>	<p>2007-2010 District provided technology support – ongoing</p> <p>2007-2010 Computer hardware/software upgrades – ongoing</p> <p>2007 – 2010 Staff Development – ongoing</p> <p>2007-2010 Basic Network Hardware, Software, Cabling Maintenance – ongoing</p>
<p>How will this support your district's learning goals?</p>	<p>To accomplish our vision for technology, staff and students must use technology to teach and learn. Equipment must be reliable, available, usable and accessible. When equipment doesn't meet these requirements learning is hindered or the equipment is not used. Our maintenance plan will insure that our teachers and students have access to the tools to retrieve and effectively use information and to successfully achieve their personal, education, and workplace goals.</p>	

EVSD 361 2007-2010 TECHNOLOGY PLAN

DISTRICT-LEVEL NETWORK & TELECOMMUNICATIONS PLAN – PART 2

Review and Update Process

Progress Evaluation and Update Activities/Objectives	Person/Team Responsible	Timeline
<p>The Director of Technology is the person responsible for overseeing the implementation of the plan. The plan will be evaluated on an ongoing basis. The Director of Technology, with the help of school site leaders, will gather data and report on the progress of the technology plan throughout the year. The purpose of this is to discuss new and developing issues, evaluate progress and identify strengths and weaknesses. The Technology Committee will conduct a formal evaluation of the plan on an annual basis. Recommendations, updates or adjustments to the plan will be an objective of the annual review. This process will not only assess the implementation of the plan, but it will allow for flexibility and change. A status report and any changes and recommendations will be presented annually to the Board of Directors. The state of technology in the district is traditionally presented to the Board of Directors in the Spring.</p> <p>The first level of monitoring progress of student learning and curricular goals will occur at the site level. Principals and SIP Team members will evaluate student learning and curricular goals relative to technology. Each school's data will be compiled and reviewed for an overall assessment of the district. The benefit of this model is accountability at the site level along with individual assessment of the school's progress. The data gathered from the school site evaluations will be reviewed and evaluated by the district technology committee. Feedback and recommendations will be reported to each school and the Board of Education. This process will enable schools to update or change their strategies for instructional technology as needed.</p>	<p>Director of Technology</p> <p>District Technology Committee</p> <p>Building Principals</p> <p>SIP Team Members</p> <p>EVSD Board of Directors</p>	<p>April 2007 - EVSD Board of Directors approval of Technology & Learning Plan</p> <p>April 2007 - Office of Superintendent of Public Instruction (OSPI) approval of Plan.</p> <p>December 2007 - Technology Committee review Plan. Update where applicable.</p> <p>April 2008 - Discuss Technology & Learning Plan status with School Board.</p> <p>December 2007 - Technology and Learning Committee review Plan. Update where applicable.</p> <p>April 2009 - Discuss Technology & Learning Plan status with School Board.</p> <p>November 2009 - Begin developing new 3-Year Technology & Learning Plan or update existing Plan if applicable.</p> <p>March 2010 - Complete new Technology & Learning Plan.</p>