

East Valley School District No. 361

Technology Plan
2004-2007

Submitted by the
East Valley School District Technology Committee

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East Valley School District No. 361

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Superintendent: Michael H. Jones

Board of Directors: Jerry Shaw Mike King June Sine Sue Wentz Wayne Stewart

April 11, 2004

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 13, 2004.

Susan Wentz, School Board President

Michael H. Jones, Superintendent

EVSD Technology Vision Statement

The student learning community in East Valley School District will graduate with the most voluntary options possible and be technologically literate life-long learners. Students 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.

DISTRICT-LEVEL TECHNOLOGY AND LEARNING IMPLEMENTATION PLAN

Instructional Learning Goal: Use technology to increase student learning, as identified in EVSD school improvement plans.

School Year	Objectives/Strategies	District Person(s) Responsible	Hardware (HW) & Software (SW) Needs	Professional Development Needed (PD)	District Budget and Funding Sources	Evaluation Strategies and/or Tools
	<i>List a few primary areas of focus for each year of this plan. These should be based on the building-level goals for your district and any overall district goals.</i>	<i>Identify the person(s) on staff who will be in charge of this activity by his/her/their role in the district.</i>	<i>Identify HW & SW needed to reach this goal. Include quantities and distribution.</i>	<i>Identify the type of PD that district staff need to receive during the year in order to support the goal.</i>	<i>Estimate the cost of the required HW, SW, PD and support funded at the district level. Identify all revenue sources that will be used.</i>	<i>Describe how you will evaluate the implementation and effectiveness of the objective/strategy. List the tool(s) to be used.</i>
Year 1: 2004-2005	Incorporate the use of Academy of Reading/Math software in classroom curriculum and extended day learning opportunities to improve WASL passing rates in reading and math.	Technology Director Building Principals Title I Coordinator	Standards based PC in every classroom. Please refer to Appendix A, Building plans for hardware/software quantities and distribution.	After school training sessions at each building focusing on Tech and curriculum integration. Use of the Academy of Reading/Math will be emphasized.	Estimated cost: \$75,600. Sources: District General Fund; Special Education; I-728; Title I; LAP	Pre and Post Assessment Data WASL Scores Teacher Observations of students Principal Observations
	Evaluate current technology staff development programs.	Technology Director	None	None	None	Completion of Evaluation
Year 2: 2005-2006	Incorporate the use of web-based research into the core curriculum to better align curriculum with Standards and improve WASL passage rates.	Instructional Technology Specialists	Replace obsolete computers to maintain minimum district standard of one Standards based PC in every classroom.	Searching the Web; Advanced Searching	Computers: \$30,000, District General Fund Technology Specialists: \$90,000. District Staff Dev. Funds, Title IID, Title IIA, I728, Title 1A	WASL Scores Teacher Observations of students Principal Observations
Year 3: 2006-2007	Incorporate technology tools into the core curriculum to better align curriculum with Standards and improve WASL passage rates.	Instructional Technology Specialists	Replace obsolete computers to maintain minimum district standard of one Standards based PC in every classroom.	Using technology to increase teacher-student interaction, cooperative learning, problem solving and inquiry.	Computers: \$40,000, District General Fund Technology Specialists: \$90,000. District Staff Dev. Funds, Title IID, Title IIA, I728, Title 1A	WASL Scores Teacher Observations of students Principal Observations
Identify the type(s) of instructional and technical support that will be provided to help meet this learning goal.	Our main instructional support strategy is to provide training directly to teachers in the classroom. Instructional technology specialists will collaborate with teachers to identify strengths and weaknesses in both technology literacy skills and curriculum integration. The EVSD Tech Services department will install all software, troubleshoot hardware and software issues, repair equipment as necessary, and provide network support.					

DISTRICT-LEVEL TECHNOLOGY AND LEARNING IMPLEMENTATION PLAN

Instructional Learning Goal: Ensure equity of access to technology and engaged learning experiences for all students.

School Year	Objectives/Strategies	District Person(s) Responsible	Hardware (HW) & Software (SW) Needs	Professional Development Needed (PD)	District Budget and Funding Sources	Evaluation Strategies and/or Tools
	<i>List a few primary areas of focus for each year of this plan. These should be based on the building-level goals for your district and any overall district goals.</i>	<i>Identify the person(s) on staff who will be in charge of this activity by his/her/their role in the district.</i>	<i>Identify HW & SW needed to reach this goal. Include quantities and distribution.</i>	<i>Identify the type of PD that district staff need to receive during the year in order to support the goal.</i>	<i>Estimate the cost of the required HW, SW, PD and support funded at the district level. Identify all revenue sources that will be used.</i>	<i>Describe how you will evaluate the implementation and effectiveness of the objective/strategy. List the tool(s) to be used.</i>
Year 1: 2004-2005	Upgrade Trent Elementary and Trentwood Elementary Network Infrastructure.	Technology Director	Routers, Switches, Servers, Access Points. See Attached – Appendix B	None	Estimated cost: \$380,000. Sources: 80% E-Rate; 20% District General Fund	Project will be evaluated by meeting deadlines and installation of equipment and infrastructure.
	Modernize Skyview/CCS Computer Lab.	Technology Director Building Principal	Hardware: 30 Computers, Projector, Printer, Switch. Software: District standard software.	Training for specific applications, curriculum integration, and Web Research.	Estimated cost: \$40,000. Sources: District General Fund.	Installation of new lab.
	Evaluate options to improve access to technology at East Valley Middle School	Technology Director Building Principal SIP Team	None	None	None	Completion of Evaluation
Year 2: 2005-2006	Upgrade East Valley Middle School Network Infrastructure.	Technology Director	Routers, Switches, Servers, Access Points as determined by site survey	None	Estimated cost: \$300,000. Sources: 80% E-Rate; 20% District General Fund.	Project will be evaluated by meeting deadlines and installation of equipment and infrastructure.
	Modernize EVMS technology based on Evaluation report in Year 1.	Technology Director Building Principal	Hardware: Determined by Evaluation Report. Software: District standard software.	Training for specific applications, curriculum integration, and Web Research.	Estimated cost: \$50,000. Sources: District General Fund.	Installation of Equipment, Increased use of technology by EVMS Students.
Year 3: 2006-2007	Modernize Trent Elementary Computer Lab.	Technology Director Building Principal	Hardware: 30 Computers, Projector, Printer, Software: District standard software.	Training for specific applications, curriculum integration, and Web Research.	Estimated cost: \$40,000. Sources: District General Fund.	Installation of new lab.
Identify the type(s) of instructional and technical support that will be provided to help meet this learning goal.	Instructional Support will consist of training for specific applications, curriculum integration, and web research. The goal of this support is to assist the teacher and increase the use of technology in the instructional program. The EVSD Tech Services department will install all software, troubleshoot hardware and software issues, repair equipment as necessary, and provide network support.					

DISTRICT-LEVEL PROFESSIONAL DEVELOPMENT GOALS

Professional Development Goal: Help teachers to meet the Washington Teacher Technology Standards (based on the ISTE NETS Standards) through the use of technology.

Professional Development Objectives/Strategies	Budget and Funding Sources	Review and Update Strategy
<p><i>Describe the district's professional development plan, its implementation, and target audience. Professional development should tie directly to learning goals, National Education Technology Standards (NETS) for Teachers, Washington EALRs, and the Nine Characteristics of Highly Effective Schools.</i></p>	<p><i>Estimate the cost of professional development that will be provided at the district level. Identify all revenue sources that will be used.</i></p>	<p><i>Describe how you will review the effectiveness of the professional development opportunities provided to those in your district.</i></p>
<p>The district plans to implement a new strategy for staff development. Our intent is to provide continuous and ongoing staff development activities at the building level. Our primary strategy is to include instruction in the use of technology as a tool to reinforce core subject areas (reading, writing, math, social studies, and science) as an integral part of all staff development. This will require identifying instructional technology specialists at the elementary and middle school levels to work in partnership with the science TOSA, I728 facilitators, computer lab para-professionals and Title 1 personnel.</p> <p>Instructional Technology Specialists will collaborate with teachers and computer para-professionals to identify strengths and weaknesses in both technology literacy skills and curriculum integration. The concept is to be able to assist the teacher during the instructional day and increase the use of technology in the classroom. The benefit of this strategy is that teachers and students can learn together and effective instructional strategies can be modeled.</p> <p>In addition, after school and summer technology workshops will be offered to all district employees. These classes will focus both on the acquisition of technical skills as well as strategies for integrating technology into the curriculum. Ongoing workshops for using the district's student information system, purchasing system and other areas requiring the use of technology will be offered for both clerical and administrative staff.</p>	<p>Estimated cost:</p> <p><u>Professional Development</u> \$90,000 per year for Instructional Technology Specialists.</p> <p>\$20,000 per year for after school and summer workshops (Committee Pay for attendees, pay for trainers)</p> <p>District Staff Development Funds, Title IID, Title IIA, I728, Title 1A</p>	<p>The first level of monitoring progress of student learning and curricular goals will occur at the building level. Principals and SIP team members will evaluate and address technology annually in the school improvement planning process. The data gathered from the school site evaluations will be reviewed and evaluated by the district technology planning committee for an overall assessment of the district.</p> <p>The purpose of the district assessment is to discuss new and developing issues, evaluate progress and identify strengths and weaknesses. If action plans are behind schedule or are not meeting deadlines and goals, it will be the responsibility of this committee to determine the reasons why. Recommendations, updates or adjustments to the plan will be also be an objective of the annual review.</p>
<p>How will implementing this professional development plan help you reach the goals established in Section 2E and 2F?</p>	<p>The professional development element as a whole is essential for the district and the buildings to achieve their respective goals. Modeling best practices, direct interaction with students and teachers, establishing consistent standards, and on-going coaching will assist each building to meet School Improvement Plan goals and objectives. Student outcomes, proficiency levels and their ability to meet grade level benchmarks will be indicators of the effectiveness of professional development.</p>	

DISTRICT-LEVEL NETWORK AND TELECOMMUNICATIONS PLAN 2004-2007

1. Technology Assessment: *The annual statewide, online technology assessment that is completed each year helps to meet the plan requirements for this section. Each district should also document it's compliance with the Children's Internet Protection Act (CIPA), identify district technology standards, and provide a continuous process for review and updating of those standards.*

District Inventory	CIPA Compliance	District Technology Standards	Review and Update Strategy
		<p><i>Districts should either develop their own minimum standards for hardware and software, or adopt the state's recommended standards for use in the district. Include information on how the standards will be updated in subsequent years.</i></p>	<p><i>Describe your process for reviewing and updating district technology standards.</i></p>
<p>The district has completed the current online technology inventory and will continue to do so annually.</p> <p style="text-align: center;"><u> √ </u> Yes</p>	<p>The district has completed the current Form 479 and will continue to do so annually.</p> <p style="text-align: center;"><u> √ </u> Yes</p>	<p>The district has standardized to all PC operating systems and equipment. In the summer of 2003, the district submitted a Request for Information (RFI). The goals of the RFI were to:</p> <ul style="list-style-type: none"> • establish standards for desktop computers, laptops, and servers. • establish an ongoing and sustained business relationship with our technology vendors • lower the Total Cost of Ownership (TCO) of technology. <p>Six vendors responded to the RFI. Responses were evaluated by the EVSD technology committee and Dell Computers was selected. 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.</p> <p>In addition East Valley School District has adopted the state's recommended minimum standards for hardware and software. All donated and/or refurbished equipment must meet these standards in order to be placed on the EVSD network.</p>	<p>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.</p> <p>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.</p>

DISTRICT-LEVEL NETWORK AND TELECOMMUNICATIONS PLAN

2. Desired Services: *In this section, provide a description of the services you most desire (e.g., voice, data, and video capabilities) and that support the building and district learning goals.*

Voice, Data, Video and Other Capabilities	Professional Development Needs	Budget and Funding Sources	Review and Update Strategy
<i>Indicate the level of new or increased services you would like to put in place, in the areas of voice, data, video, or other services needed.</i>	<i>Identify the type of PD that your staff will need to receive in order to provide these services or support them.</i>	<i>Estimate the cost of the services and professional development needed to support implementation. Identify all revenue sources that will be used.</i>	<i>Describe how you will review the effectiveness of services for your district.</i>
<ol style="list-style-type: none"> 1. Increase student access to computer labs. 2. Wireless Networking. 3. Increase LAN network speed and expand the use of centralized network management and monitoring tools. 4. Improve network reliability and security. 	<p>Focused training on integrating technology into curriculum areas will be needed as the use of technology tools increases district wide. Training in basic technology skills, general applications and network services are also necessary. Professional development will be provided in an on-going and consistent manner by Instructional Technology Specialists and Technology Services staff.</p>	<p><u>Computer Labs:</u> \$130,000 to upgrade Skyview, Trent, and EVMS computer labs. Sources: District General Fund; Title I.</p> <p><u>Network Upgrades</u> Estimated cost: \$380,000. Sources: E-Rate - 80% District General Fund - 20%</p> <p><u>Professional Development.</u> \$90,000 per year for Instructional Technology Specialists. \$20,000 per year for after school and summer workshops (Committee Pay for attendees, pay for trainers) Sources: District Staff Development Funds, Title IID, Title IIA, I728, Title 1A</p>	<p>Review of the effectiveness of these new services will be completed through increases in quantity and quality of available technology as measurable through an annual inventory and comparison process. Timelines and benchmarks will be evaluated at each school by SIP teams and at the district level, by the EVSD Technology Committee.</p>
<p>How will these desired services help you reach the goals established in Section 2E and 2F?</p>	<p>These services are directly tied into our goals of ensuring equity of access to technology for all students and using technology to increase student learning. Many of the desired services are aimed at improving network speed and availability and improving service response times. 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.</p>		

DISTRICT-LEVEL NETWORK AND TELECOMMUNICATIONS PLAN

3. Desired Technologies: *Desired technologies are those technologies needed to provide or support the new or increased services identified in section 2. Desired Services.*

Hardware	Software	Other	Professional Development Needs	Budget and Funding Sources	Review and Update Strategy
<i>Indicate the types and quantity of hardware and peripherals needed to support the new or increased services.</i>	<i>Indicate the software applications needed to support the new or increased services.</i>	<i>Include additional technologies that may not fit in either category to the left.</i>	<i>Identify the type of PD that your staff will need in order to support these technologies.</i>	<i>Estimate the cost of the technology and professional development needed to support implementation. Identify all revenue sources that will be used.</i>	<i>Describe how you will review the effectiveness of selected technologies for your district.</i>
<p>1. Computer Labs: 90 Computers, 3 printers, 3 projectors, network cabling.</p> <p>2. Wireless Network: Access points, network cards.</p> <p>3. Improved Network Services: 3 Routers, Layer 3 Switches, 4 servers, UPS backup power.</p>	<p>1. Computer Labs: District Standard Software which includes Novell, Microsoft Office, Encarta, GroupWise, Internet Explorer, NCS Mentor, Academy of Reading and Math, Type to Learn.</p> <p>2. Wireless Network: Windows 2000/XP, CiscoWorks</p> <p>3. Improved Network Services: Cisco IOS, Novell ZenWorks, Insight Manager, Dell Open Manage for Servers</p>		<p>Training in basic technology skills, general applications, web research, and web integration will be offered. In addition, Instructional Technology Specialists will provide training on the integration of the Academy of Reading/Math programs and the core curriculum.</p>	<p><u>Computer Labs:</u> \$130,000 to upgrade Skyview, Trent, and EVMS computer labs. Sources: District General Fund; Title I.</p> <p><u>Network Upgrades</u> Estimated cost: \$380,000. Sources: E-Rate - 80%, District General Fund - 20%</p> <p><u>Professional Development.</u> \$90,000 per year for Instructional Technology Specialists. \$20,000 per year for after school and summer workshops (Committee Pay for attendees, pay for trainers) Sources: District Staff Development Funds, Title IID, Title IIA, 1728, Title 1A</p>	<p>Review of the effectiveness of these new technologies will be completed through administrative observation, numbers of staff trained, staff evaluation, and use of technology in classrooms and computer labs. WASL and ITBS scores and school's meeting SIP goals will also be factored.</p>
How will these desired technologies help you reach the goals established in section 2E and 2F?	<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>				

DISTRICT-LEVEL NETWORK AND TELECOMMUNICATIONS PLAN

4. Level of Connectivity: *The level of connectivity is a description of transmission components (e.g., speed, number of connections, bandwidth, etc.).*

Connectivity Needs	Budget and Funding Sources	Review and Update Strategy
<p><i>Describe the level of connectivity needed to support the new or increased services and technologies (include both LANs and WANs).</i></p>	<p><i>Estimate the cost of future connectivity needs to support implementation at the district level. Identify all revenue sources that will be used.</i></p>	<p><i>Describe how you will review the effectiveness and impact of selected levels of connectivity for your district.</i></p>
<p>The District’s infrastructure is basically complete and the current level of connectivity is sufficient to accomplish the goals that we have set for the life of this plan. Three T1 circuits connect EVSD to the K20 network. Two T1s (3Mbps) provide data connectivity and one T1 provides group video service. Each Middle and elementary school is connected to the EVSD WAN by a point-to-point T1 circuit. Two point-to-point T1 circuits connect the high school to the network. Connections within buildings are based on a minimum standard of category 5e wiring, hubs, switches, and routers.</p> <p>EVSD Local Area Networks (LANs) currently operate at 100 Mbps. It is our goal to begin upgrading the infrastructure to enable LAN connectivity of 1000 Mbps.</p>	<p><u>Network Upgrades</u> Estimated cost: \$380,000. Sources: E-Rate - 80%, District General Fund - 20%</p>	<p>Network traffic is continuously monitored to insure that the infrastructure is functioning, services are delivered, and instruction is effective and uninterrupted. Number of simultaneous connections, latency, and bandwidth utilization are all evaluated to determine if current connectivity is meeting instructional and administrative needs.</p>
<p>How will implementing your desired level of connectivity help you reach the goals established in section 2E and 2F?</p>	<p>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.</p>	

DISTRICT-LEVEL NETWORK AND TELECOMMUNICATIONS PLAN

5. Maintenance, Upgrade and Support Strategy: *This section should articulate your maintenance and upgrade/reassignment/replacement plan for technology, telecommunication services and systems. Information in this section should relate back to the district or state standards established (see Section 1. Technology Assessment) and should include the technical support staff available.*

Description of Maintenance/Upgrade Strategy	Budget and Funding Sources	Review and Update Strategy
<i>Describe the way your district plans to maintain both new and existing technologies, as well as the long-term plan for upgrading, reassigning or replacing equipment.</i>	<i>Estimate the cost of maintenance and upgrades that will be funded at the district level. Identify all revenue sources that will be used.</i>	<i>Describe how you will review the effectiveness of your maintenance and upgrade strategy for your district</i>
<p>All technology support services are provided by the EVSD Technology Services department. This support currently consists of the Director of Technology, two Network Specialists, and three part-time technicians. Outside consultants and on-site warranty repair will be used as needed. All computing equipment will be 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 estimated annual cost of technology maintenance and upgrades is \$700,000 per year. This covers technology support staff, software licensing, network equipment upgrades, equipment repair, and new computer equipment.</p> <p>Funding sources are the District General Fund, E-Rate, Title 1, and Special Education.</p>	<p>All computer service requests are maintained in an in-house developed web-based help desk system. The number of maintenance requests, the average resolution time, the amount of downtime, and types of requests are evaluated on an annual basis. A status report of maintenance requests and technology upgrades will be given at all of the district's technology planning committee meetings and a summary of yearly activities and progress will be included in an annual report to the Board of Directors.</p>
<p>How will your maintenance and upgrade plan help you reach the goals established in Sections 2E and 2F?</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>	

DISTRICT-LEVEL TECHNOLOGY AND LEARNING IMPLEMENTATION PLAN REVIEW PROCESS

Process to Review and Update Your Plan:

Plan Review and Update Activities/Objectives	Person/Team Responsible	Budget and Funding Sources
Provide a plan that outlines the district’s commitment to review and update the Technology and Learning Implementation Plan on a regular basis.	<i>Identify the person(s) on staff who will be in charge of this activity by his/her/their role in the district.</i>	<i>Estimate any costs related to the review and update process that will be provided at the district level. Identify all revenue sources that will be used.</i>
<p>Technology Plan 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>Evaluation of Curricular Goals 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>	Director of Technology District Technology Committee Building Principals SIP Team Members	No costs are associated with the review and evaluation of this plan.
How will implementing this review process help you reach the goals established in Section 2E and 2F?	The monitoring and evaluation of this plan is essential for its successful implementation. Technology planning and implementation is a continuous process. The district must be able to adapt to changing circumstances and advances in current technologies. The review process will provide the opportunity for the district to rethink and adapt objectives, priorities, and strategies as implementation proceeds.	

Appendix A

BUILDING-LEVEL TECHNOLOGY AND LEARNING IMPLEMENTATION PLAN – 1 YEAR

Name of School: Skyview/CCS				Grades (Example: Elem / MS / HS): Elem/MS		
School Improvement Goal (taken from your building's School Improvement Plan): Skyview: Increase number of students meeting reading standard to 60%. CCS: Increase number of students meeting reading standard to 62%.						
Technology and Learning Strategy: Academy of Reading						
Rationale (Research): The AutoSkill® Academy of Reading program meets the five essential components of reading instruction as outlined by the Reading First initiative. The Academy of Reading program's unique design allows it to be seamlessly integrated into a comprehensive, scientifically researched based reading program.						
School Year	Activity	Person(s) Responsible	Hardware (HW) & Software (SW) Needs	Professional Development (PD) Plan	Purchase / Budget / Potential Funding Source	Evaluation Strategies and/or Tools
	<i>What actions will occur? What steps will staff take to achieve this goal?</i>	<i>Who will provide leadership? Who will do the work to make sure that this activity occurs?</i>	<i>What hardware and software is needed to reach this goal? Include quantities and distribution.</i>	<i>What professional development does the staff need in order to take the steps to achieve this goal?</i>	<i>What is the cost of the additional HW, SW and PD needed to reach this goal? What are the possible funding sources? Include building and district sources, as well as grants.</i>	<i>How will you evaluate the implementation of this strategy? What tool(s) will you use?</i>
Year 1: 2004-2005	Implement Academy of Reading in all classrooms. Training, scheduling, purchase of hardware, software and support material, and TS support. On-going discussions to keep goal in mind.	Principal Title I LAP Support services and classroom teachers	Standards based PC in every room	Three after school training sessions of staff development focusing on the Academy of Reading software and curriculum integration. Certified and classified staff released to help colleagues	Computers \$8,000 Committee Pay for teachers attending training. \$2,500 Title IID Title I Funds LAP Funds District General Fund	Variety of formal and informal assessments Observation Time students are on program

Our building's school improvement plan is for one year only.
 We will complete and submit Year 2 and Year 3 Technology and Learning Implementations Plans as we update our SIP plan each year.

SIP Team Leader Completing This Form Chiere Martyn Completion Date January 7, 2004

Other SIP Team Participants _____

BUILDING-LEVEL TECHNOLOGY AND LEARNING IMPLEMENTATION PLAN – 1 YEAR

Name of School: East Farms Elementary **Grades (Example: Elem / MS / HS):** Elem

School Improvement Goal (taken from your building's School Improvement Plan): In the year 2004 60.2% of East Farms 4th graders will meet the standard on the reading strand of the WASL.

Technology and Learning Strategy: Academy of Reading

Rationale (Research): The AutoSkill® Academy of Reading program meets the five essential components of reading instruction as outlined by the Reading First initiative. The Academy of Reading program's unique design allows it to be seamlessly integrated into a comprehensive, scientifically researched based reading program.

School Year	Activity	Person(s) Responsible	Hardware (HW) & Software (SW) Needs	Professional Development (PD) Plan	Purchase / Budget / Potential Funding Source	Evaluation Strategies and/or Tools
	<i>What actions will occur? What steps will staff take to achieve this goal?</i>	<i>Who will provide leadership? Who will do the work to make sure that this activity occurs?</i>	<i>What hardware and software is needed to reach this goal? Include quantities and distribution.</i>	<i>What professional development does the staff need in order to take the steps to achieve this goal?</i>	<i>What is the cost of the additional HW, SW and PD needed to reach this goal? What are the possible funding sources? Include building and district sources, as well as grants.</i>	<i>How will you evaluate the implementation of this strategy? What tool(s) will you use?</i>
Year 1: 2004-2005	Target lowest students scoring on reading assessments to receive specialized reading instruction. (See Attached)	Principal District Tech Dept LAP Donna Simmon – Success Academy	10 new computers will be distributed to selected classrooms. In addition, an upgraded switch, a projector, and a printer will be purchased for the lab.	Three after school training sessions of staff development focusing on the Academy of Reading software and curriculum integration. In addition, staff will attend a class which covers basic computer skills network navigation.	Computer Hardware \$8,000 Projector: \$1,100 Switch: \$1,500 Printer: \$600 Committee Pay for teachers attending training. \$2,000 Funds will come from the following sources: Title IID District Ad-Match LAP Funds Building Funds District General Fund	DRA, ORI DIBELS> Pre/Mid/Post Teacher attendance Actual time on the computer Student time

√ Our building's school improvement plan is for one year only. We will complete and submit Year 2 and Year 3 Technology and Learning Implementations Plans as we update our SIP plan each year.

SIP Team Leader Completing This Form Charlene Bieber Completion Date January 7, 2004

Other SIP Team Participants _____

**East Farms Elementary
Building-Level Technology and Learning Implementation Plan
Attachment**

Steps to be taken:

1. **Purchase and install software and computers.**
 2. **Install Academy of Reading and Math.**
 3. **Provide para support to set up student files in the system.**
 4. **Provide staff development on the network and how to access Academy of Reading/Math.**
 5. **Provide staff development for Academy of Reading/Math.**
 6. **Target students (from the LAP rank order) for exposure to Academy of Reading/Math.**
- Target students to receive additional instruction at:**
- **Success Academy (after school program)**
 - **LAP Instruction**
 - **Building para support**

BUILDING-LEVEL TECHNOLOGY AND LEARNING IMPLEMENTATION PLAN – 1 YEAR

Name of School: East Valley High School	Grades (Example: Elem / MS / HS): 9-12
School Improvement Goal (taken from your building's School Improvement Plan): For 2004 WASL passage rates in reading/math respectively 76.6% / 50%	
Technology and Learning Strategy: Use technology as an improvement tool to assist students in math, reading and other areas.	
Rationale (Research): The AutoSkill® Academy of Reading program meets the five essential components of reading instruction as outlined by the Reading First initiative. The Academy of Reading program's unique design allows it to be seamlessly integrated into a comprehensive, scientifically researched based reading program.	

School Year	Activity	Person(s) Responsible	Hardware (HW) & Software (SW) Needs	Professional Development (PD) Plan	Purchase / Budget / Potential Funding Source	Evaluation Strategies and/or Tools
	<i>What actions will occur? What steps will staff take to achieve this goal?</i>	<i>Who will provide leadership? Who will do the work to make sure that this activity occurs?</i>	<i>What hardware and software is needed to reach this goal? Include quantities and distribution.</i>	<i>What professional development does the staff need in order to take the steps to achieve this goal?</i>	<i>What is the cost of the additional HW, SW and PD needed to reach this goal? What are the possible funding sources? Include building and district sources, as well as grants.</i>	<i>How will you evaluate the implementation of this strategy? What tool(s) will you use?</i>
Year 1: 2004-2005	Incorporate use of Academy of Reading and Math Academy software in spec. ed. courses and after-school extended learning opportunities.	Spec. Ed. and Extended Learning program staff.	New computers and software recently acquired.	Training Special Ed./Ext. Learning Staff in use of software.	Ten desktop computers and Software \$10,000. Special Education funds.	Test scores, administrative observation, student course evaluation.

Our building's school improvement plan is for one year only. We will complete and submit Year 2 and Year 3 Technology and Learning Implementations Plans as we update our SIP plan each year.

SIP Team Leader Completing This Form Mark Purvine Completion Date January 07, 2004

Other SIP Team Participants _____

BUILDING-LEVEL TECHNOLOGY AND LEARNING IMPLEMENTATION PLAN – 1 YEAR

Name of School: East Valley High School				Grades (Example: Elem / MS / HS): 9-12		
School Improvement Goal (taken from your building's School Improvement Plan): For 2004 WASL passage rates in reading/math respectively 76.6% / 50%						
Technology and Learning Strategy: Use technology as an improvement tool to assist students in math, reading and other areas.						
Rationale (Research): Developed, validated, and refined by 30 years research, NovaNET has been demonstrated to improve test results, reduce drop-out and at-risk rates, and increase student self-confidence.						
School Year	Activity	Person(s) Responsible	Hardware (HW) & Software (SW) Needs	Professional Development (PD) Plan	Purchase / Budget / Potential Funding Source	Evaluation Strategies and/or Tools
	<i>What actions will occur? What steps will staff take to achieve this goal?</i>	<i>Who will provide leadership? Who will do the work to make sure that this activity occurs?</i>	<i>What hardware and software is needed to reach this goal? Include quantities and distribution.</i>	<i>What professional development does the staff need in order to take the steps to achieve this goal?</i>	<i>What is the cost of the additional HW, SW and PD needed to reach this goal? What are the possible funding sources? Include building and district sources, as well as grants.</i>	<i>How will you evaluate the implementation of this strategy? What tool(s) will you use?</i>
Year 1: 2004-2005	Use NovaNet as tool to address remediation consistent with Standards but specific to individual needs.	Credit retrieval and alt. program staff.	LOC equipment and alternative learning sites already in place.	Continued training for interested/assigned staff in use of NovaNet program.	Nova Net License, 38 Users. \$40,000 I728 Fund	Course recovery rate by students.

Our building's school improvement plan is for one year only. We will complete and submit Year 2 and Year 3 Technology and Learning Implementations Plans as we update our SIP plan each year.

SIP Team Leader Completing This Form Mark Purvine Completion Date January 7, 2004
 Other SIP Team Participants _____

BUILDING-LEVEL TECHNOLOGY AND LEARNING IMPLEMENTATION PLAN – 1 YEAR

Name of School: East Valley High School	Grades (Example: Elem / MS / HS): 9-12
School Improvement Goal (taken from your building's School Improvement Plan): For 2004 WASL passage rates in reading/math respectively 76.6% / 50%	
Technology and Learning Strategy: Use technology as an improvement tool to assist students in math, reading and other areas.	
Rationale (Research): DigiTools directly addresses the goals defined by the National Business Education Association in its Information Technology National Standards.	

School Year	Activity	Person(s) Responsible	Hardware (HW) & Software (SW) Needs	Professional Development (PD) Plan	Purchase / Budget / Potential Funding Source	Evaluation Strategies and/or Tools
	<i>What actions will occur? What steps will staff take to achieve this goal?</i>	<i>Who will provide leadership? Who will do the work to make sure that this activity occurs?</i>	<i>What hardware and software is needed to reach this goal? Include quantities and distribution.</i>	<i>What professional development does the staff need in order to take the steps to achieve this goal?</i>	<i>What is the cost of the additional HW, SW and PD needed to reach this goal? What are the possible funding sources? Include building and district sources, as well as grants.</i>	<i>How will you evaluate the implementation of this strategy? What tool(s) will you use?</i>
Year 1: 2004-2005	Develop MOUS, Careers and DigiTools courses consistent with Standards for incorporation with HS curriculum and new graduation requirements.	Voc. director, Voc. Dept. Head and Voc. Staff. District Technology Staff	Current computer hardware is sufficient. Projectors and Printers will need to be upgraded. Additional software will need to be purchased	Staff Development directed toward appropriately certificated vocational staff.	Three labs, 72 computers currently operating-owned. Upgraded Projectors and Printers \$6,000. Software Upgrades. \$10,000 Vocational dollars will fund all expenses.	Quality of student presentations/portfolios-growth of enrollment in tech courses.

Our building's school improvement plan is for one year only. We will complete and submit Year 2 and Year 3 Technology and Learning Implementations Plans as we update our SIP plan each year.

SIP Team Leader Completing This Form Mark Purvine Completion Date January 7, 2004

Other SIP Team Participants _____

BUILDING-LEVEL TECHNOLOGY AND LEARNING IMPLEMENTATION PLAN – 1 YEAR

Name of School: East Valley High School	Grades (Example: Elem / MS / HS): 9-12
School Improvement Goal (taken from your building's School Improvement Plan): For 2004 WASL passage rates in reading/math respectively 76.6% / 50%	
Technology and Learning Strategy: Use technology as an improvement tool to assist students in math, reading and other areas.	
Rationale (Research): Marco Polo provides standards-based Internet content and Professional Development Activities. Core to any educational content program is an understanding of the impact the use of that content has on teaching and learning. Marco Polo Partners have been investigating this and have prepared three research papers on the effects of using Marco Polo in the classroom.	

School Year	Activity	Person(s) Responsible	Hardware (HW) & Software (SW) Needs	Professional Development (PD) Plan	Purchase / Budget / Potential Funding Source	Evaluation Strategies and/or Tools
	<i>What actions will occur? What steps will staff take to achieve this goal?</i>	<i>Who will provide leadership? Who will do the work to make sure that this activity occurs?</i>	<i>What hardware and software is needed to reach this goal? Include quantities and distribution.</i>	<i>What professional development does the staff need in order to take the steps to achieve this goal?</i>	<i>What is the cost of the additional HW, SW and PD needed to reach this goal? What are the possible funding sources? Include building and district sources, as well as grants.</i>	<i>How will you evaluate the implementation of this strategy? What tool(s) will you use?</i>
Year 1: 2004-2005	Offer staff development in technology such as Marco Polo and Internet for Educators to better align curriculum with Standards.	I-728 trainers, building principal, Asst. Principal/ curriculum.	Hardware and software is currently available in building computer labs	Continue to offer staff development in the use of the Internet for Educators and Marco Polo programs.	I-728 dollars as appropriate.	Numbers of staff trained, staff evaluation and classroom use.

 √ Our building's school improvement plan is for one year only. We will complete and submit Year 2 and Year 3 Technology and Learning Implementations Plans as we update our SIP plan each year.

SIP Team Leader Completing This Form Mark Purvine Completion Date January 7, 2004

Other SIP Team Participants _____

BUILDING-LEVEL TECHNOLOGY AND LEARNING IMPLEMENTATION PLAN – 1 YEAR

Name of School: East Valley Middle School **Grades (Example: Elem / MS / HS):** 6-8

School Improvement Goal (taken from your building’s School Improvement Plan): To increase student learning in fractions and measurement and to increase the student’s ability in problem solving.

Technology and Learning Strategy: To use tech effectively to increase the student’s math abilities in problem solving.

Rationale (Research): The AutoSkill *Academy of Math* program is a powerful curriculum enhancement tool that addresses and correlates to the specific content objectives outlined within the National Council of Teacher’s of Mathematics (NCTM) Content Standards.

School Year	Activity	Person(s) Responsible	Hardware (HW) & Software (SW) Needs	Professional Development (PD) Plan	Purchase / Budget / Potential Funding Source	Evaluation Strategies and/or Tools
	<i>What actions will occur? What steps will staff take to achieve this goal?</i>	<i>Who will provide leadership? Who will do the work to make sure that this activity occurs?</i>	<i>What hardware and software is needed to reach this goal? Include quantities and distribution.</i>	<i>What professional development does the staff need in order to take the steps to achieve this goal?</i>	<i>What is the cost of the additional HW, SW and PD needed to reach this goal? What are the possible funding sources? Include building and district sources, as well as grants.</i>	<i>How will you evaluate the implementation of this strategy? What tool(s) will you use?</i>
Year 1: 2004-2005	EVMS will implement three strategies to meet our school improvement goal. A before school “Academy of Math” program will be started. All 6-8 Math classes will use NCS Mentor in Math and Math Mysteries software will be integrated.	Title I Staff Technology Dept. Classroom teachers I-728 facilitator Spec Ed teachers Matt Hildahl All advisory teachers	Existing classroom computers, library equipment and classroom TVs are sufficient to attain our goal.	Three after school training sessions of staff development focusing on the Academy of Math software and curriculum integration.	Committee Pay for teachers attending training. \$3,600 Title IID Budget	Testing – Pre/Post WASL Scores 2003/04 Pre/Post 2004/05

√ Our building’s school improvement plan is for one year only. We will complete and submit Year 2 and Year 3 Technology and Learning Implementations Plans as we update our SIP plan each year.

SIP Team Leader Completing This Form Doris Hoffman Completion Date January 7, 2004

Other SIP Team Participants _____

BUILDING-LEVEL TECHNOLOGY AND LEARNING IMPLEMENTATION PLAN – 1 YEAR

Name of School: East Valley Middle School **Grades (Example: Elem / MS / HS):** 6-8

School Improvement Goal (taken from your building’s School Improvement Plan): To improve each student’s ability to read a variety of forms of informal texts across the curriculum and to compare and contrast pared.

Technology and Learning Strategy: To improve reading in the content areas through effective use of technology.

Rationale (Research): The AutoSkill® Academy of Reading program meets the five essential components of reading instruction as outlined by the Reading First initiative. The Academy of Reading program’s unique design allows it to be seamlessly integrated into a comprehensive, scientifically researched based reading program.

School Year	Activity	Person(s) Responsible	Hardware (HW) & Software (SW) Needs	Professional Development (PD) Plan	Purchase / Budget / Potential Funding Source	Evaluation Strategies and/or Tools
	<i>What actions will occur? What steps will staff take to achieve this goal?</i>	<i>Who will provide leadership? Who will do the work to make sure that this activity occurs?</i>	<i>What hardware and software is needed to reach this goal? Include quantities and distribution.</i>	<i>What professional development does the staff need in order to take the steps to achieve this goal?</i>	<i>What is the cost of the additional HW, SW and PD needed to reach this goal? What are the possible funding sources? Include building and district sources, as well as grants.</i>	<i>How will you evaluate the implementation of this strategy? What tool(s) will you use?</i>
Year 1: 2004-2005	EVMS will implement two strategies to meet our school improvement goal. An after school “Academy of Reading” program will be started. In addition, NCS Mentor in reading will be integrated into EVMS reading curriculum.	Classroom teachers Title I Staff Spec. Ed. Teachers I-728 Patti Brewton	Existing classroom computers sufficient to attain our goal.	Three afterschool training sessions focusing on the Academy of Reading software and using technology for vocabulary development, reading for meaning and comprehension.	Committee Pay for teachers attending training. \$3,600 Title IID Budget	Pre-test Post-WASL *2004/05 (Pre-Post) Pre-Post grades * Special Ed/ESL – 2004/05 (goals for next year)

Our building’s school improvement plan is for one year only.
 We will complete and submit Year 2 and Year 3 Technology and Learning Implementations Plans as we update our SIP plan each year.

SIP Team Leader Completing This Form Doris Hoffman Completion Date January 7, 2004

Other SIP Team Participants _____

BUILDING-LEVEL TECHNOLOGY AND LEARNING IMPLEMENTATION PLAN – 1 YEAR

Name of School: Mountain View Middle School				Grades (Example: Elem / MS / HS): MS		
School Improvement Goal (taken from your building's School Improvement Plan): To improve written communication of mathematical understanding. To improve mathematical problems involving measurement.						
Technology and Learning Strategy: To effectively use technology for problem-based learning in mathematics.						
Rationale (Research): A meta-analysis that examined the impact of technology on student learning found increased teacher-student interaction, cooperative learning, and most important, problem solving and inquiry. One essential condition for student learning to take place: Computers should be used less for drill and practice in the classroom and more as open-ended thinking tools and content resources. (Statham & Torell, 1996.)						
School Year	Activity	Person(s) Responsible	Hardware (HW) & Software (SW) Needs	Professional Development (PD) Plan	Purchase / Budget / Potential Funding Source	Evaluation Strategies and/or Tools
	<i>What actions will occur? What steps will staff take to achieve this goal?</i>	<i>Who will provide leadership? Who will do the work to make sure that this activity occurs?</i>	<i>What hardware and software is needed to reach this goal? Include quantities and distribution.</i>	<i>What professional development does the staff need in order to take the steps to achieve this goal?</i>	<i>What is the cost of the additional HW, SW and PD needed to reach this goal? What are the possible funding sources? Include building and district sources, as well as grants.</i>	<i>How will you evaluate the implementation of this strategy? What tool(s) will you use?</i>
Year 1: 2004-2005	Expanded use of the Academy of Math program and Internet Resources to improve students' mathematics problem solving skills.	Principal I-728 Staff Classroom teachers	4 additional computers for I-728 room. 2 computer labs (existing)	Three after school training sessions on the Academy of Math software and using technology problem-based learning in mathematics. Ongoing staff discussions	4 computers: \$2,800, I-728 Committee Pay for teachers attending training. \$2,500, Title IID	Principal observations WASL scores ITBS scores

Our building's school improvement plan is for one year only.
 We will complete and submit Year 2 and Year 3 Technology and Learning Implementations Plans as we update our SIP plan each year.

SIP Team Leader Completing This Form Jim McAdam Completion Date January 8, 2004

Other SIP Team Participants Mike Van Matre and Jacqui Peterson

BUILDING-LEVEL TECHNOLOGY AND LEARNING IMPLEMENTATION PLAN – 1 YEAR

Name of School: Mountain View Middle School				Grades (Example: Elem / MS / HS): MS		
School Improvement Goal (taken from your building's School Improvement Plan): To increase students' ability to understand a written task and in turn to write both short and extended response answers. Students will demonstrate understanding of what they have read by using supporting evidence form the text.						
Technology and Learning Strategy: To effectively use technology for problem-based learning in reading.						
Rationale (Research): A meta-analysis that examined the impact of technology on student learning found increased teacher-student interaction, cooperative learning, and most important, problem solving and inquiry. One essential condition for student learning to take place: Computers should be used less for drill and practice in the classroom and more as open-ended thinking tools and content resources. (Statham & Torell, 1996.)						
School Year	Activity	Person(s) Responsible	Hardware (HW) & Software (SW) Needs	Professional Development (PD) Plan	Purchase / Budget / Potential Funding Source	Evaluation Strategies and/or Tools
	<i>What actions will occur? What steps will staff take to achieve this goal?</i>	<i>Who will provide leadership? Who will do the work to make sure that this activity occurs?</i>	<i>What hardware and software is needed to reach this goal? Include quantities and distribution.</i>	<i>What professional development does the staff need in order to take the steps to achieve this goal?</i>	<i>What is the cost of the additional HW, SW and PD needed to reach this goal? What are the possible funding sources? Include building and district sources, as well as grants.</i>	<i>How will you evaluate the implementation of this strategy? What tool(s) will you use?</i>
Year 1: 2004-2005	Expanded use of the Academy of Reading program and Internet Resources to improve Prompt Vocabulary, Find supporting evidence in response, and Strategies for self assessment reading skills.	Principal I-728 Staff Classroom teachers	4 additional computers for I-728 room. 2 computer labs (existing)	Three afterschool training sessions focusing on the Academy of Reading software and using technology for vocabulary development, reading for meaning and comprehension. Ongoing staff discussions	4 computers: \$2,800 I-728 Funds Committee Pay for teachers attending training. \$2,500, Title IID	Principal observations WASL scores ITBS scores

Our building's school improvement plan is for one year only.
 We will complete and submit Year 2 and Year 3 Technology and Learning Implementations Plans as we update our SIP plan each year.

SIP Team Leader Completing This Form Jim McAdam Completion Date January 8, 2004
 Other SIP Team Participants Mike Van Matre and Jacqui Peterson

BUILDING-LEVEL TECHNOLOGY AND LEARNING IMPLEMENTATION PLAN – 1 YEAR

Name of School: Otis Orchards				Grades (Example: Elem / MS / HS): Pre-5		
School Improvement Goal (taken from your building's School Improvement Plan): To increase WASL scores based on the state uniform bar.						
Technology and Learning Strategy: To use technology effectively for problem based learning in reading and math.						
Rationale (Research): Reading/Math Academy (software programs) are effective scientifically research based method to increase reading and math achievement.						
School Year	Activity	Person(s) Responsible	Hardware (HW) & Software (SW) Needs	Professional Development (PD) Plan	Purchase / Budget / Potential Funding Source	Evaluation Strategies and/or Tools
	<i>What actions will occur? What steps will staff take to achieve this goal?</i>	<i>Who will provide leadership? Who will do the work to make sure that this activity occurs?</i>	<i>What hardware and software is needed to reach this goal? Include quantities and distribution.</i>	<i>What professional development does the staff need in order to take the steps to achieve this goal?</i>	<i>What is the cost of the additional HW, SW and PD needed to reach this goal? What are the possible funding sources? Include building and district sources, as well as grants.</i>	<i>How will you evaluate the implementation of this strategy? What tool(s) will you use?</i>
Year 1: 2004-2005	Incorporate use of reading/math academy into classroom curriculum Training for teachers/ opportunity for student use (classroom and extended day)	Principal/Title Dept. Title I and District technology coordination.	10 upgraded computers will be distributed to the school computer lab and selected classrooms. In addition, an upgraded switch, a projector, and a printer will be purchased for the lab.	All staff in-service On-going Staff Development	Trainer - \$1,000 Title/District Title II Computer Hardware \$8,000 Projector: \$1,100 Switch: \$1,500 Printer: \$600 Substitutes – \$1,000 building Title budget	Principal observation pre-post student WASL scores Student performance Data from program Supports QRI, DRA, DIBELS Math aligned with National Math Standards

√ Our building's school improvement plan is for one year only. We will complete and submit Year 2 and Year 3 Technology and Learning Implementations Plans as we update our SIP plan each year.

SIP Team Leader Completing This Form Tammy Fuller Completion Date Jan. 7, 2004
 Other SIP Team Participants Maureen Lyden

BUILDING-LEVEL TECHNOLOGY AND LEARNING IMPLEMENTATION PLAN – 1 YEAR

Name of School: Trent Elementary **Grades (Example: Elem / MS / HS):** Pre - 5

School Improvement Goal (taken from your building's School Improvement Plan): Increase the percentage of Spec. Ed. students who meet the Standard.

Technology and Learning Strategy: Academy of Reading and READWELL in writing on WASL 2005.

Rationale (Research): Both programs are research-based and supported to increase student achievement.

School Year	Activity	Person(s) Responsible	Hardware (HW) & Software (SW) Needs	Professional Development (PD) Plan	Purchase / Budget / Potential Funding Source	Evaluation Strategies and/or Tools
	<i>What actions will occur? What steps will staff take to achieve this goal?</i>	<i>Who will provide leadership? Who will do the work to make sure that this activity occurs?</i>	<i>What hardware and software is needed to reach this goal? Include quantities and distribution.</i>	<i>What professional development does the staff need in order to take the steps to achieve this goal?</i>	<i>What is the cost of the additional HW, SW and PD needed to reach this goal? What are the possible funding sources? Include building and district sources, as well as grants.</i>	<i>How will you evaluate the implementation of this strategy? What tool(s) will you use?</i>
Year 1: 2004-2005	Expand the use of the Academy of Reading computer program Implement the use of the READWELL(extended day) program.	Special Education staff and Success Academy Extended Day Staff	4 additional computers. Academy of Reading Site License	Three after school training sessions of staff development focusing on the Technology and curriculum integration Ongoing training for the READWELL program.	Computers \$3,200 Title I Funds \$2,000 to cover personnel extended day – Success Academy fund	Pre and Post Assessment Data

 √ Our building's school improvement plan is for one year only. We will complete and submit Year 2 and Year 3 Technology and Learning Implementations Plans as we update our SIP plan each year.

SIP Team Leader Completing This Form Mike Uphus Completion Date January 7, 2004

Other SIP Team Participants Pam Timmer

BUILDING-LEVEL TECHNOLOGY AND LEARNING IMPLEMENTATION PLAN – 1 YEAR

Name of School: Trentwood Elementary	Grades (Example: Elem / MS / HS): K-5
School Improvement Goal (taken from your building's School Improvement Plan): To increase number of students meeting or exceeding the standards.	
Technology and Learning Strategy: Increase use of technology to support instruction in reading by 4% to 6.2% by 2004.	
Rationale (Research): The AutoSkill® Academy of Reading program meets the five essential components of reading instruction as outlined by the Reading First initiative. The Academy of Reading program's unique design allows it to be seamlessly integrated into a comprehensive, scientifically researched based reading program..	

School Year	Activity	Person(s) Responsible	Hardware (HW) & Software (SW) Needs	Professional Development (PD) Plan	Purchase / Budget / Potential Funding Source	Evaluation Strategies and/or Tools
	<i>What actions will occur? What steps will staff take to achieve this goal?</i>	<i>Who will provide leadership? Who will do the work to make sure that this activity occurs?</i>	<i>What hardware and software is needed to reach this goal? Include quantities and distribution.</i>	<i>What professional development does the staff need in order to take the steps to achieve this goal?</i>	<i>What is the cost of the additional HW, SW and PD needed to reach this goal? What are the possible funding sources? Include building and district sources, as well as grants.</i>	<i>How will you evaluate the implementation of this strategy? What tool(s) will you use?</i>
Year 1: 2004-2005	Use of Academy of Reading to support literacy instruction.	Building principal Computer Para-Pro Classroom teachers Title I teacher	10 new computers will be distributed to the TCTC computer lab and selected classrooms. In addition, an upgraded switch, a projector, and a printer will be purchased for the lab.	Two days of staff development focusing on the Academy of Reading software and curriculum integration. On-going training for Academy will continue throughout the year. Staff Training which covers basic computer skills network navigation.	Computer Hardware \$8,000 Projector: \$1,100 Switch: \$1,500 Printer: \$600 Committee Pay for teachers attending training. \$2,500. Funds will come from the following sources: District General Fund Title I Funds Title IID	WASL scores. Monitor Reading Academy, self assessments

Our building's school improvement plan is for one year only.
 We will complete and submit Year 2 and Year 3 Technology and Learning Implementations Plans as we update our SIP plan each year.

SIP Team Leader Completing This Form Sigrid Brannan Completion Date January 7, 2004

Other SIP Team Participants _____

Appendix B

Trent Elementary School

TRENT_MDF

WS-C4507R Catalyst 4500 Chassis (7-Slot), fan, no p/s,
PWR-C45-2800ACV= Catalyst 4500 2800W AC Power Supply
WS-X4515= Catalyst 4000 Supervisor IV, 2 GE, Console
WS-X4306-GB= Catalyst 4000 Gigabit Ethernet Module, 6/GBIC \$
WS-X4148-RJ45V= Catalyst 4000 Inline Power 10/100, 48-Ports
WS-X4448-GB-RJ45= Catalyst 4000 48-Port GE Module, 10/100/1000
WS-G5484 1000BaseSX GBIC module
CISCO2651XM High Performance Dual 10/100 Modular Router
WS-C2950G-48-EI Catalyst 2950, 48 10/100 with 2 GBIC slots, EI
CD265-BP-12.1.3= Cisco 2600 IP/IPX/AT/DEC Plus Feature Pack
WIC-1DSU-T1= 1-Port T1/Fractional T1 DSU/CSU WIC
NM-HDA-4FXS Router module, 4 analog FXS ports, Module
EM-HDA-4FXO Router module, 4 analog FXO ports
AGS3B Avaya 3' Gigaspeed Patch Cable 96
AGS5B Avaya 5' Gigaspeed Patch Cable 96
N304-010 Tripplite 10FT Fiber MM Patch Cable (ST/SC) 12
SYH4K6RMT APC - APC Symmetra RM 4kVA 1

TRENT_IDF1

WS-C3550-24PWR-SMI 24-10/100 inline power + 2 GBIC ports: SMI
WS-C2950G-48-EI Catalyst 2950, 48 10/100 with 2 GBIC slots, EI
WS-G5484= 1000BaseSX GBIC
WS-G5483= 1000BASE-T GBIC
AGS3B Avaya 3' Gigaspeed Patch Cable 48
AGS5B Avaya 5' Gigaspeed Patch Cable 48
N304-010 Tripplite 10FT Fiber MM Patch Cable (ST/SC) 3
SU2200RMXL3U SmartUPS 2200VA RM-3U Extended Run

TRENT_IDF2

WS-C3550-24PWR-SMI 24-10/100 inline power + 2 GBIC ports: SMI
WS-C2950G-48-EI Catalyst 2950, 48 10/100 with 2 GBIC slots, EI
WS-G5484= 1000BaseSX GBIC
WS-G5483= 1000BASE-T GBIC
AGS3B Avaya 3' Gigaspeed Patch Cable 48
AGS5B Avaya 5' Gigaspeed Patch Cable 48
N304-010 Tripplite 10FT Fiber MM Patch Cable (ST/SC) 3
SU2200RMXL3U SmartUPS 2200VA RM-3U Extended Run

TRENT_IDF3

WS-C3550-24PWR-SMI 24-10/100 inline power + 2 GBIC ports: SMI
WS-C2950G-48-EI Catalyst 2950, 48 10/100 with 2 GBIC slots, EI
WS-G5484= 1000BaseSX GBIC
WS-G5483= 1000BASE-T GBIC
AGS3B Avaya 3' Gigaspeed Patch Cable 48
AGS5B Avaya 5' Gigaspeed Patch Cable 48
N304-010 Tripplite 10FT Fiber MM Patch Cable (ST/SC) 3
SU2200RMXL3U SmartUPS 2200VA RM-3U Extended Run

WIRELESS LAN

AIR-AP1220B-A-K9 802.11b AP w/Avail CBus Slot, FCC Cnfg 7
AIR-ANT5959 2.4 GHz, 2 dBi Divers. Omni Ceiling Ant 5
AIR-ANT2012 2.4 GHz, 6.5 dBi Diversity Patch Ant 2

Trentwood Elementary School

TRENTWOOD_MDF

WS-C4507R Catalyst 4500 Chassis (7-Slot), fan, no p/s,
PWR-C45-2800ACV= Catalyst 4500 2800W AC Power Supply
WS-X4515= Catalyst 4000 Supervisor IV, 2 GE, Console
WS-X4306-GB= Catalyst 4000 Gigabit Ethernet Module, 6/GBIC \$
WS-X4148-RJ45V= Catalyst 4000 Inline Power 10/100, 48-Ports
WS-X4448-GB-RJ45= Catalyst 4000 48-Port GE Module, 10/100/1000 \$
WS-G5484 1000BaseSX GBIC module
CISCO2651XM High Performance Dual 10/100 Modular Router
WS-C2950G-48-EI Catalyst 2950, 48 10/100 with 2 GBIC slots
CD265-BP-12.1.3= Cisco 2600 IP/IPX/AT/DEC Plus Feature Pack
WIC-1DSU-T1= 1-Port T1/Fractional T1 DSU/CSU WIC
NM-HDA-4FXS Router module, 4 analog FXS ports, Module
EM-HDA-4FXO Router module, 4 analog FXO ports
AGS3B Avaya 3' Gigaspeed Patch Cable 96
AGS5B Avaya 5' Gigaspeed Patch Cable 96
N304-010 Tripplite 10FT Fiber MM Patch Cable (ST/SC) 12
SYH4K6RMT APC - APC Symmetra RM 4kVA

TRENTWOOD_IDF1

WS-C3550-24PWR-SMI 24-10/100 inline power + 2 GBIC ports: SMI
WS-C2950G-48-EI Catalyst 2950, 48 10/100 with 2 GBIC slots, EI
WS-G5484= 1000BaseSX GBIC
WS-G5483= 1000BASE-T GBIC
AGS3B Avaya 3' Gigaspeed Patch Cable 48
AGS5B Avaya 5' Gigaspeed Patch Cable 48
N304-010 Tripplite 10FT Fiber MM Patch Cable (ST/SC) 3
SU2200RMXL3U SmartUPS 2200VA RM-3U Extended Run

TRENTWOOD_IDF2

WS-C3550-24PWR-SMI 24-10/100 inline power + 2 GBIC ports: SMI
WS-C2950G-48-EI Catalyst 2950, 48 10/100 with 2 GBIC slots, EI
WS-G5484= 1000BaseSX GBIC
WS-G5483= 1000BASE-T GBIC
AGS3B Avaya 3' Gigaspeed Patch Cable 48
AGS5B Avaya 5' Gigaspeed Patch Cable 48
N304-010 Tripplite 10FT Fiber MM Patch Cable (ST/SC) 3
SU2200RMXL3U SmartUPS 2200VA RM-3U Extended Run

WIRELESS LAN

AIR-AP1220B-A-K9 802.11b AP w/Avail CBus Slot, FCC Cnfg 5
AIR-ANT5959 2.4 GHz, 2 dBi Divers. Omni Ceiling Ant 4
AIR-ANT2012 2.4 GHz, 6.5 dBi Diversity Patch Ant