

WALLA WALLA PUBLIC SCHOOLS 2007-2010 TECHNOLOGY & LEARNING PLAN

DISTRICT-LEVEL NETWORK & TELECOMMUNICATIONS PLAN – PART 1

Technology Assessment

Inventory

X The district has completed the current online technology inventory and will continue to do so annually.

CIPA Compliance:

X The district has completed the current Form 479 and will continue to do so annually.

District Technology Standards	Budget Summary
<p>The Walla Walla School District maintains a network containing both PCs and some Macintosh computers with an official standardization on PCs.</p> <p>Minimum specifications for networked workstations are:</p> <ul style="list-style-type: none"> • PC platform • Intel or AMD CPU of 1 GHz or higher • 256 MB RAM • 17 inch monitor <p>The standard for new computer purchases is based on the currently available technology for purchase from the state contract. The district's current minimum standard includes 512 MB RAM and a 17 inch monitor.</p> <p>Note that for OSPI inventory purposes, the OSPI definition for "Standards-Based Computer" is used, which is currently lower than the district minimum specifications.</p> <p>Standard workstation software is as follows:</p> <ul style="list-style-type: none"> • Office productivity suite: Microsoft Office Professional • Email: Novell GroupWise • Web browser: Microsoft Internet Explorer • Anti-virus: McAfee VirusScan • Workstation management: Novell Zenworks Desktop Management • Library management: Follett Destiny • Work order service requests and inventory: School Dude • Student records management: WESPac • Electronic Grade Book: Easy Grade Pro <p>Additional software packages have been standardized on for various purposes. These include but are not limited to: Easy Grade Pro, Accelerated Reader, Accelerated Math, Read Naturally and Plato.</p> <p>Minimum specifications for servers are determined case by case in relation to server operating system, function and load.</p>	<p>New technology purchases are purchased from blended funding sources including, but not limited to:</p> <ul style="list-style-type: none"> • District Technology Funds • Grants • Administrative Match • Categorical Programs • E-Rate rebates <p>Telecom purchases are funded by District Telecom funds.</p>

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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)
<p>Walla Walla School District will continue to work toward its goal of providing adequate bandwidth for data and voice systems to facilitate District staff and students in effectively and efficiently communicating with parents, colleagues, and sources of educational and job-related support and instruction. In order to provide these capabilities, the District will: 1) Analyze bandwidth use and attempt to insure it is being used effectively and efficiently; increasing the amount of bandwidth it leases when deemed necessary. 2) Maintain and update, as funds are available, the present telecommunications systems to provide staff adequate and reliable communication capabilities.</p> <p>The above services include:</p> <ul style="list-style-type: none"> • Telephone service lines • Long distance service • Cellular phone service • T-1 circuits and other broadband connectivity technology 	<p>The anticipated annual cost to the District for providing Priority One Capabilities (Leased Wide Area Network, Internet Access, Local, Cellular and Long Distance Telephone Services) to staff and students is approximately \$90,000</p> <p>The funding source for these services is District Telecom funds.</p>
<p>How will these services support your district's learning goals?</p>	<p>These services support the Walla Walla School District's Learning Goals by providing means of communication that support teaching and learning, allow staff, students and parents the opportunity for quick access to pertinent information critical to allow them to complete their assigned tasks and duties, provides for a safer environment in which to work, teach and learn.</p>

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DISTRICT-LEVEL NETWORK & TELECOMMUNICATIONS PLAN – PART 2

E-rate Priority Two Requests

Hardware/Software/Support	Purchase / Budget / Potential Funding Source(s)
Installation of a PBX system at Prospect Point Elementary, to provide telephones in all classrooms.	District Telecom funds. Estimated cost is \$46,500
Installation of wireless networking infrastructures at Garrison and Pioneer middle schools, to provide school-wide network access to wireless laptops, etc.	District Technology funds. Estimated costs are about \$31,000 for Pioneer and about \$36,000 for Garrison.
Annual Novell SLA renewal, to continue to provide basic network access as well as email and system management capabilities.	District Technology funds. Estimated cost is about \$20,000
Replacement of all district routers, in order to maintain support of the equipment necessary to connect to the internet.	District Technology funds. Estimated cost is about \$60,000
How will these services support your district's learning goals?	The PBX system will support learning goals by enhancing communication by staff and providing a safer learning environment. The wireless systems will support learning goals by allowing the use of mobile computing devices which in turn allow learning resources to be used wherever they are needed. The Novell SLA renewal supports learning goals by providing the base computing system upon which technology resources rely. Replacing the district routers provides for continued, reliable operation of the computing network which provides access to learning resources available on the Internet as well as supporting electronic communication.

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Maintenance, Upgrade and Support Strategies

Description of Maintenance/Upgrade/Support Strategies	Purchase / Budget / Potential Funding Source(s)	Timeline
Maintain support contracts for maintenance of existing phone systems, routers, wireless networking equipment and the district firewall.	District Telecom funds. Annual costs are about \$35,000	Annually
Replace the UPS batteries which support network and phone systems on a rotating basis.	About \$2,000 annually, funded from Tech Repair and Telecom Repair budgets	Annually
District workstations are replaced in groups on a rotating basis, based on usage, workstation age and system specifications. Individual workstation quantities are increased both incrementally and in groups as part of special projects such as grant-funded projects.	About \$80,000 annually, funded from multiple sources: <ul style="list-style-type: none"> • District Technology Funds • Grants • Administrative Match • Categorical Programs • E-Rate rebates 	Annually
District technical support staff is currently at a ratio of 1 Tech to 800 workstations, based on 2.5 Techs to 2,000 workstations. As funds become available, the district's goal is to lower this ratio rather than allow it to increase as workstation counts increase. This will further the goal of providing adequate technical support for classroom instruction and technology integration.	District technology staffing budget. Starting salary is \$40,000 per Tech.	Annually
How will this support your district's learning goals?	<p>Technology systems must be kept current and operational for staff and students if that technology is to be effective in supporting education. A more robust and stable technology infrastructure reduces downtime, decreases user frustration and therefore increases use and productivity.</p> <p>Users are becoming more reliant on hardware, software, network and Internet access. Expectations are to have a seamless and trouble-free computing system. This necessitates that hardware and software be up-to-date and robust, a network infrastructure with the ability to handle increased demands and adequate support being available when needed.</p>	

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Review and Update Process

Progress Evaluation and Update Activities/Objectives	Person/Team Responsible	Timeline
<ul style="list-style-type: none"> • Review the district technology plan; identify progress and make necessary modifications annually. • Review each school's technology plan; identify progress and make necessary modifications annually. • Use surveys and available assessment tools to evaluate the integration of technologies within classroom activities annually. • Review the annual on-line technology survey. • Determine needs for teacher training in the technology areas and develop appropriate opportunities for workshops. • Review evaluations from teachers on staff development workshops and make recommendations for modifications if necessary. • Use assessment tools to gather data on student use of technology. <p>Success is to be determined by:</p> <ol style="list-style-type: none"> a. Improvement of student scores on Washington State Assessments given at the 4th, 7th and 10th grade. This is our primary indicator of improved student learning. b. Meeting the technology literacy standards for teachers and students as supported by OSPI <ul style="list-style-type: none"> • Meeting staff development goals, with positive evaluations of training from participants. • Meeting and completing the tasks outlined in the district Technology and Learning Implementation Plan. 	<p>District Computer Coordinators Building Technology Committees Curriculum, Instruction and Assessment Department Technology Director Walla Walla School District Board of Directors</p>	<p>April 2007 – Walla Walla School District Board of Directors approval of Technology & Learning Plan April 2007 - Office of Superintendent of Public Instruction (OSPI) approval of Plan. November 2007 - District Computer Coordinators Committee review Plan. Update where applicable. March 2008 - Discuss Technology & Learning Plan status with School Board. November 2008 - District Computer Coordinators Committee review Plan. Update where applicable. March 2009 - Discuss Technology & Learning Plan status with School Board. November 2009 - Begin developing new 3-Year Technology & Learning Plan or update existing Plan if applicable. March 2010 - Complete new Technology & Learning Plan and obtain approval if necessary.</p>