

2010-2013 District Technology Planning
Worksheets
Washougal School District 112-6

Technology Vision: Washougal School District envisions a learning environment in which technology is embedded in the curriculum at all grade levels and subjects. Technology supports content learning, and is an integral part of the district's plan to improve student achievement.

Provide a high-level overview that explains how the building(s) in your district are addressing the need to integrate technology into teaching and learning, as part of their school improvement plan(s).

Narrative: K Ug\ci [U`GVXcc`8]ghf]VhHYUVX Yfg WJb`i gY`hYVX bc`c[mhc`Yb\UbWV`h\Y]f`]bghfi V]cb``HYVX bc`c[mWJb`Y`d hYUVX Yfg WYUHY`Yggcbg`h Uh`UfY`]bhY`YVW U`mVX U`Yb[]b[`UbX`Yb[U[]b[ž`U`a U`cf`ZcW`g`cZ`h`Y`X]ghf]Vh`Ghi XYbhg bYYX`hc`YUfb`U`j Uf]YhmcZ`g_]`gž`Ug`k Y`Ug`Uddfcdf]UH`i`gYg`cZ`hYVX bc`c[m`GhJbXUfX]n]b[`cb`U`WUggfcca`a`cXY`Zcf`hYVX bc`c[mk]`WYUHY`Ub`Ybj]fcb`a`Ybh`k`YfY`hYUVX Yfg`Uj`Y`Yei`U`UVWV`gg`hc`hYVX bc`c[mZcf`h`Y]f`gh`XYbhg"

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

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

District Technology Standards & Budget

District Standards for Technology: All buildings except WHS are standardized on Apple iMac computers running OS 10.3 through 10.6 as classroom and office machines. Where appropriate or necessary, Apple laptops running OS 10.4 or higher are provided to staff who need a mobile computer. Printers are standardized on HP LaserJet and Business InkJet printers. Software for machines must include Sophos Anti-Virus, Microsoft Office 2004 or higher, and Inspirations 8. Standard for Mac computers is 512 MB of memory.

At Washougal High School, the standard machine is a Dell PC running an Intel Pentium 4 processor or higher with a 17" LCD screen. PCs must run Windows XP, and have a license for Symantec Ghost enterprise edition, Sophos Anti-Virus, Microsoft Office 2003 or higher, and Inspirations 8. Standard for PC computers is 512 MB of memory. Each core classroom will include a LCD Projector and a Document Camera. At the K-5 level, classrooms will include amplified sound.

Budget: In Fall 2009 - Spring 2010, \$354,430.56 from the Technology Capital Project Fund (CPF) will be used to build and lease a fiber optic Wide Area Network (WAN) connecting Washougal High School with the District Office, Hathaway Elementary, Cape Horn-Skye Elementary, Canyon Creek Middle School, Jemtegaard Middle School, and Hathaway Elementary. \$4,400 - CPF will purchase audio amplification for 4 Special Education classrooms. \$7,250 - CPF will fund new file servers for Gause and Washougal High School. \$7,250 will fund 7 classroom computers and the standard software MS

Office, Sophos Anti-Virus, and Inspirations. \$17,500 will fund replacement of network switches at Cape Horn-Skye, Gause, Jemtegaard, and Hathaway. \$2,000 will fund replacement document cameras and projectors in core classrooms. \$5,000 will fund wireless network access points and authentication server at Hathaway Elementary School.

In Fall 2010-Spring 2011, \$3,159.54 from the Technology Capital Project Fund (CPF) will be used to purchase replacement projectors for 3 classrooms.

\$4400 – CPF will purchase audio amplification for 4 Special Education classrooms. \$7,250 - CPF will fund new file servers for student use at Washougal High School. \$126,218.28 will fund 110 classroom computers and the standard software MS Office, Sophos Anti-Virus, and Inspirations. \$12,472.49 will fund replacement of network switches at the Excelsior, Washougal High School, and the District Office. \$7,000 will fund replacement document cameras and projectors in core classrooms.

In Fall 2011-Spring 2012 \$31,595.40 from the Technology Capital Project Fund (CPF) will be used to purchase replacement projectors for 30 classrooms.

\$126,218.28 will fund 110 classroom computers and the standard software MS Office, Sophos Anti-Virus, and Inspirations. \$7,250 - CPF will fund a new e-mail server and application server. \$4400 – CPF will purchase audio amplification for 4 Special Education classrooms. \$23,000 will fund wireless network access points and authentication server at Washougal High School. \$32,536.32 will fund new file servers for staff and student use at Excelsior, District Office, Jemtegaard, Cape & Canyon Creek, and Hathaway.

Maintenance, Upgrade & Support

Strategies	Budget & Potential Funding Source(s)	Timeline
Washougal School District supports a Technology Supervisor and two building level tech support staff. The schools have a staff development process to ensure that every staff member has a minimum of one goal related to technology and its instructional use each year. The tech supervisor and tech support staff will maintain, upgrade, and support district staff's integration of available technology into the classroom and the curriculum.	\$240,000 Basic Ed. funding	1/1/2010 to 6/30/2013
WSD has maintenance contracts for Internet Filtering, router updates, firewall maintenance, and maintenance on the phone system.	\$16,000 basic education monies each year for three years.	1/1/2010 to 6/30/2013
WSD will provide training to the Technology Supervisor and the building level Tech Support Assistants, to	\$3000 per	1/1/2010

make sure that newly purchased equipment, software, and services are implemented in an efficient manner. This will help ensure that tech staff have the skills needed to keep up with emerging technologies as they are introduced into the learning environment, and will be able to provide support to teaching staff as they start using these technologies.	year, CPF Tech Fund	to 6/30/2013
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How will these services support your district's learning goals? Technical support will be provided to support the instructional environment in each classroom, so that technology literacy, inventive thinking, effective communication, and student and staff productivity are seamless for all staff and students. These services add to the on-demand professional development of each staff member and the technology in the classroom.

Internet filtering is required by the CIPA law. Providing maintenance contracts for the phone system, firewall, and routers ensures that critical services like e-mail, Internet for research, and the student information system used by teachers are restored quickly in the event of an outage.

Technology Plan Review & Update

Strategies for Evaluation & Update	Person or Team Responsible	Timeline
The staff of each school will be surveyed yearly to determine progress towards meeting the goals. The Technology Team will evaluate the success of the plan each year in the spring to assess progress toward the objectives, and update activities and direction as necessary. The Technology Team will use this evaluation to help decide what technology staff development should be offered to help teachers integrate technology into their curriculum. As survey data is analyzed, the Tech Team will recommend training in the following school year to address areas that need additional attention. The Technology Supervisor and Assistant Superintendent will evaluate course evaluation data collected after each training session, and re-tool the classes to meet the needs of the participating teachers.	Tech Supervisor/Tech Team/Assistant Superintendent	Once per year while the plan is in effect, during the spring, and course evaluations after each technology integration professional development opportunity.

E-rate – Priority One

Voice, Data & Video	Budget & Potential Funding Source(s)
Washougal School District will provide a telephone and Internet access in each classroom throughout the district. We will provide Internet access and telephone service, including long distance and voicemail, to the administrative offices, the maintenance office, and the transportation office. Fax lines will be provided at each site with long distance, which can also be used as an emergency backup to the phone system. High capacity leased telecommunication lines will connect Jemtegaard, Hathaway, Cape Horn-Skye and the District Office to the Wide Area Network.	\$168,278.38 per year in E-Rate funds, \$62,000 per year Basic Ed Funds. \$450,000 upfront costs from Capital Project Fund for leased high speed fiber connections.
The District will provide cell phone service to administrators and building staff who require them for emergency use, or as part of their job function.	\$1,830.26 in Basic Ed. funding, plus \$2,330 in E-Rate funds per year.
K-20 connection, e-rate handled at state level.	\$6000.00/year in Basic Ed. funding. State applies for e-rate each year for this.
Online web hosting for teacher and school web pages.	\$1,800 Basic Ed. funds, \$1,800 E-Rate funds.

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

These services will enable teaching and administrative staff to access a wide variety of instructional resources on the Internet, to collaborate with their colleagues, to communicate with parents and other constituents, and ensure a safe and productive working environment for our students. Webpages for teachers will allow teaching staff to continue to improve communications with parents. Cell phones will enable administrators to communicate in emergency situations as required for their job functions.

E-rate – Priority Two

Internal Network - Hardware & Software	Budget & Potential Funding Source(s)
No Records Found	

How will these

Washougal School District

Action Plan:

Goal: Teacher Tech Literacy

SMART Goal: By June of 2013, 65% of Teachers will be at Tier 3 in Tech Proficiency as measured by the PILOT survey.

Strategy: The district will utilize professional development opportunities and site support as a means to provide teachers, administrators, and teacher-librarians with tech literacy skills. Professional development opportunities will be developed based on feedback collected from the Tech Team as well as a survey of the teaching staff.

Rationale: Research supports professional development as a strategy to change teacher behavior and improve classroom teaching. Teachers best understand their own level of tech literacy, and can choose the classes that will help them reach a higher level of proficiency.

Activities/Task	Professional Development	Timeline	Who is Responsible?	Monitoring Effectiveness
Technology classes will be developed and offered each year.	Classes focusing on improving teacher instruction using technology, and teacher-uses of technology, will be offered each year during the plan.	1/1/2010 6/30/2013	Technology Supervisor, Assistant Superintendent, Technology Team	Teacher technology proficiency data as measured by the PILOT Survey will increase. Course evaluations will be monitored to measure the effectiveness of the individual class offerings.

Procedures for evaluating success in reaching this goal Data collected as part of the yearly Pilot survey of teachers, administrators, and teacher-librarians will be used to evaluate progress toward meeting this goal. The Technology Supervisor will summarize the survey results, and present them to the Tech Team each year in the spring. The Tech Team will use this data to refine the technology class offerings for the subsequent year.

Washougal School District

Action Plan:

Goal: Student Technology Literacy
SMART Goal: By June of 2013, 80% of all 8th graders will be at Tier 3 of the 8th Grade Technology Literacy Survey (PILOT JR).

Strategy: All teachers grade K-8 will integrate age appropriate student use of technology into their instructional objectives each year.
Rationale: The ability for students to have a command of technology, instructional of skills, and concepts used in relation to curriculum initiatives will have students meet the technology proficiency goal of Tier 3 by the end of the 8th grade year.

Activities/Task	Professional Development	Timeline	Who is Responsible?	Monitoring Effectiveness
Redevelop the Scope and Sequence document regarding technology introduction and reinforcement at different grade levels.	Once finished, the Assistant Superintendent will provide to building administrators for distribution to staff. Technology classes will reference Scope and Sequence, and note how different technology can help with the introduction of new skills.	1/1/2010 - 6/30/2013	Assistant Superintendent, Technology Team.	Scope and Sequence Document will be posted on district website.
Students have the opportunity to take technology classes in Grades 6-8 as part of their schedule.		1/1/2010 - 6/30/2013	Middle school technology teachers	Results from the 8th grade technology literacy survey will be shared with Middle school teachers to help them better address the needs of students.

Procedures for evaluating success in reaching this goal Yearly Pilot Jr. Survey will show progress toward the goal. Yearly classroom based assessments in all grades.

Washougal School District

Goal: Technology Integration

SMART Goal: By June of 2013, 65% of the teachers will integrate technology into their daily instructional strategies at the level described by Tier 3 as measured by the Pilot Survey.

Strategy: Teachers will develop a professional technology goal. These goals will be developed through Reflective Practice and knowledge of their skills and needs, as well as administrator feedback.

Rationale: Research tells us that when people have input into their own goals they are more likely to implement them and be successful. Teachers should have the best understanding of their own needs, and be able to choose a goal that is appropriate and will lead to professional growth.

Activities	Tasks	Timeline	Who is Responsible?	Monitoring Effectiveness
By October 1 of each school year, each teacher has written a technology goal with activities that show how they will meet the goal.	Teachers can choose development activities that match up with their goals and support their meeting the goal.	1/1/2010 - 6/30/2010	Building administrators, individual teachers.	Teachers will be evaluated by their building administrator on whether they've met their technology goal for the year.

Procedures for evaluating success in reaching this goal: Building administrators will evaluate the progress that teachers have made through the year as part of their yearly observation process. Administrators will help guide teachers who have not reached Tier 3 on the Pilot survey to seek additional professional development around technology integration.

Washougal School District

Action Plan:

Goal: Technology Integration

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Strategy: The district will utilize professional development opportunities and site support as a means to provide teachers with tech literacy skills. Professional Development Opportunities will be developed based on feedback from the Tech Team.

Rationale: Research supports professional development as a strategy to change teacher behavior and improve classroom teaching. The classes offered will model project-based, student-centered, Tier 3 uses of technology, so teachers can emulate these lessons in their own classrooms.

Activities/Task	Professional Development	Timeline	Who is Responsible?	Monitoring Effectiveness
Technology classes will be developed and offered each year.	The Technology Team will help create a list of technology professional development classes to be offered each year.	1/1/2010 - 6/30/2013	Technology Supervisor, Assistant Superintendent, Technology Team, Tech Support Staff.	End of Course evaluations will rate the classes, and help create more meaningful training in future years. Assistant Superintendent and Technology Supervisor will monitor the number of staff signing up for classes, as well as the total number of teachers participating to evaluate the effectiveness of this activity.

Procedures for evaluating success in reaching this goal Data collected as part of the yearly Pilot survey of teachers will be used to evaluate progress toward meeting this goal. The Technology Supervisor will summarize the survey results, and present them to the Tech Team each year in the spring. The Tech Team will use this data to refine the technology class offerings for the subsequent year, to focus on helping teachers who have not reached Tier 3.

Strategy: Teachers will develop a professional technology goal. These goals will be developed through

Rationale: Reflective Practice and knowledge of their skills and needs, as well as administrator feedback. Research tells us that when people have input into their own goals they are more likely to implement them and be successful. Teachers should have the best understanding of their own needs, and be able to choose a goal that is appropriate and will lead to professional growth.

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