

Griffin School District
Griffin School District Technology Plan 2010-2013
3/22/2010

District Technology Plan

Griffin School District
2010 - 2013

Technology Vision Statement:

Griffin School District

TECHNOLOGY VISION STATEMENT:

The district vision is to provide a comprehensive integration of technology; to assist the mission of providing educational opportunities for creative, involved, life-long learners in the 21st century.

We live in the communication age. This age and the culture in which we live are increasingly being supported and changed by a wide variety of technologies. Technology itself is rapidly developing and changing.

Griffin students will leave the district to live, learn and work in the twenty- first century. The district is preparing them for a society that is technologically oriented, which will demand workers and parents who can use higher order thinking skills. Society will require people who can solve problems, understand complex terminology, communicate clearly, make sense out of massive amounts of ever-changing information and know how to use appropriate problem-solving techniques.

It is no longer possible for teachers to know or teach everything a student needs to know to succeed in life. The district will use technology as a tool to facilitate student learning, and staff and administrative functions in the workplace.

Griffin School District believes that technology exists as a very powerful, essential tool in the education process for students, staff and community. Technology is not a separate curriculum, but an appropriate part of every curriculum at every level of instruction. The impact of technology in the classroom should be a seamless and regular process well into the twenty- first century.

The Griffin School District Technology & Learning Plan is based on the belief that the successful implementation of technology in schools is a long-term commitment and should be done in conjunction with education reform. The focus of the plan, along with its implementation is on improved student learning.

Action Plan:

Goal:	Technology Literacy - Students
SMART Goal:	The combination of students ranked at Tier 2 or 3 on the 8th grade Student Technology Literacy self-assessment survey will increase by at least 5% per year compared to the previous year's survey with a total increase of 15% by 2013.
Strategy:	Utilize the Technology coordinator, library/media specialist and teachers to improve student technology literacy. Increase student and staff access to technology by adding at least two 25 computer mobile labs

Rationale:

and improve access to information by implementing a wireless infrastructure. The computer room is used to train 6 thru 8 grade students in the use of technology, the library has a 20 computer lab for training and access, all classrooms have a 4 to 1 ratio of computers and all teachers have access to the library and computer room. Teachers will also have access to at least two mobile labs with 25 computers each. Title lap will have a lab of 28 computers for student use (upgraded in 2010)

Activities/Task	Professional Development	Timeline	Resources Amount / Type / Description / Funding Source	Who is Responsible?	Monitoring Effectiveness
<p>Conduct training for students in the use of technology including research, social, ethical and human issues. Using such programs as ISafe, NetSmartz, and Atomic Learning.</p>	<p>Training on Internet safety and research skills curriculum and resources for all teaching staff members. Using such programs as ISafe, NetSmartz, and Atomic Learning. Oter resources as they become available such as thinkfinity.org. Teachers are actively using resources provided by ESD113 including streaming and downloading digital media and curriculum. The OSPI web site has also become a valuable resource for information.</p>	<p>9/8/2010 - 6/20/2013</p>	<p>0.00 / Training Costs / Release time / General fund - currently established early release time on Wednesdays</p>	<p>Principals, technology coordinator, library media specialist, teachers</p>	<p>Compare Pilot survey results year to year. Observation of students by principals, teachers and specialists.</p>
<p>Develop and implement a k-8</p>	<p>Form a</p>	<p>9/8/2010</p>		<p>Principals,</p>	<p>Comparing year to year</p>

technology scope and sequence (based on state and federal recommendations). Teachers will implement the skills in their classrooms encouraging students to responsibly use technology to research, create, communicate and problem solve.	committee to research and develop this document. Committee will present finished document to all teachers.	- 6/20/2013		committee members, technology coordinator	results of the PILOT jr online Technology Literacy survey for students .
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Procedures for evaluating success in reaching this goal Compare results of the PILOT Technology Integration survey from year to year in addition to reviewing records of building based technology trainings. Evaluation of skills by classroom teachers and technology instructors. Student and staff surveys.

Goal: Technology Integration
SMART Goal: The total number of teachers ranked at Tier 2 or 3 on the PILOT Technology Integration Survey will increase by at least 5% per year compared to the previous year's survey with a total increase of 15% by 2013.

Strategy: All Griffin School District teachers will participate in professional development in the area of Technology Integration. The goal will be to provide teachers with skills and strategies that will allow them to use technology tools to teach the standards.
Rationale: In a report examining over 300 studies of technology use, authors concluded that teacher training was the most significant factor influencing the effective use of educational technology to improve student achievement. (Sivin-Kachala & Bialo, 2000)*

Activities/Task	Professional Development	Timeline	Resources Amount / Type / Description / Funding Source	Who is Responsible?	Monitoring Effectiveness
Consideration of technology integration will be a key component of all curriculum adoptions.	Curriculum committees and the Site Improvement Plan Committee will be lead in developing adoption criteria that include technology integration components.	9/8/2010 - 6/20/2013	0.00 / Other / Teacher Release Time / General Fund	Principals, technology coordinator, teachers, LIT team members.	That all future adoptions include technology resources.
Develop resources that	Learning	9/8/2010	District Existing	Principals,	Increase of percent of

integrate technology into adopted curriculum in all grade levels. Share this resources through the district web site, staff meeting and e-mail.	teams will share information on technology resources that aide in the integration of technology into the curriculum and assist in meeting GLE's	- 6/20/2013	0.00 / Software / e-mail / Technology	technology coordinator, teachers, educational assistants	teachers at Tier 2 and 3 based on PILOT survey results. Creation of technology integration lesson plans posted on district website. Analysis of visits to the lesson plan website.
			0.00 / Training Costs / Release time / General fund - already in budget as early release time on Wednesdays		
			2000.00 / Other / Web site / Technology Budget		
Griffin School District will schedule at least one site-based technology-centered training per year. The focus of these trainings will be to encourage teachers to utilize available technology tools to help their students master skills in all content areas.	Administrator will schedule training based on building needs/goals. This will be conducted by ESD 113 personnel and or District Instructional Technology Specialist and/or Building Tech Integration Leaders.	9/8/2010 - 6/20/2013	0.00 / Training Costs / Release time / Already designed into the system using Wednesday early release time.	Principals, technology coordinator, Teachers when possible educational assistants	Compare results of the PILOT Technology Integration survey from year to year in addition to reviewing records of building based technology trainings.

Procedures for evaluating success in reaching this goal Compare results of the PILOT Technology Integration survey from year to year in addition to reviewing records of building based technology trainings.

Goal: Technological Proficiencies of Administrators, Teachers and Teacher-Librarians
SMART Goal: The total number of Administrators, Teachers and Teacher-Librarians ranked at Tier 2 or 3 on the PILOT Technology Integration Survey will increase by at least 5% per year compared to the previous year's survey with a total increase of 15% by 2013.

Strategy: All Griffin School District Administrators, Teachers and Teacher-Librarians will participate in professional development in the area of Technology Integration. The goal will be to provide teachers with skills and strategies that will allow them to use technology tools to teach the standards.
Rationale: In a report examining over 300 studies of technology use, authors concluded that teacher training was the most significant factor influencing the effective use of educational technology to improve student achievement. (Sivin-Kachala & Bialo, 2000)*

Activities/Task	Professional Development	Timeline	Resources Amount / Type / Description / Funding Source	Who is Responsible?	Monitoring Effectiveness
All Griffin School District Administrators, teachers and teacher librarians, will participate in professional development in the area of Technology and its use in the educational system.	Staff attend onsite, online and offsite training in the use of technology in the educational environment. Included on time as needed training when it is appropriate and from the appropriately trained staff members.	9/8/2010 - 6/20/2013		Administrators, Teachers, teacher librarians, technology coordinators and staff members with the appropriate skills to assist in the learning experience.	Compare results of the PILOT Technology proficiency survey from year to year in addition to reviewing records of building based technology trainings.
<p>Procedures for evaluating success in reaching this goal Compare results of the PILOT Technology Integration survey from year to year in addition to reviewing records of building based technology trainings. Staff surveys.</p>					

Narrative:

Technology is being used at all levels and in all areas to enhance the learning experience. This includes using technology as remediation; for individualized instruction; research; and demonstration of competency in the various academic areas. Staff members use technology in all areas of academics as a tool to enrich the educational experience of students at Griffin.

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 District Technology Standards

Standards Griffin School District has standardized on a single Windows Based platform.

for Minimum standards for purchase as of this date:

Technology: Computer, Windows XP Pro, Pentium IV/Celeron/AMD 2.4 GHz or higher, 512 MB RAM, network card.

Minimum specifications for technical support

Windows 2000/XP, Pentium III/IV Celeron/AMD 500MHz or higher, network card, 256MB RAM

While equipment that does not meet these specifications may still be usable, support will be limited.

Software used district-wide with main function noted:

Antivirus - Sophos 7.6
 Operating System – Windows XP SP3
 Server Software – Window Server 2003 and 2008
 Student information system – Skyward
 Nutritional services software - Skyward
 Email client Microsoft Outlook 2003/2007
 Internet Browser Internet Explorer 6.0/7.0/8.0 (PC)
 Library Circulation Management Destiny

Applications

Desktop Publishing - Microsoft Office 2007 / Adobe Indesign
 Research - e-Library and ProQuest
 Presentation Microsoft Powerpoint 2003/2007
 Spreadsheet - Microsoft Excel 2003/2007
 Word Processing - Microsoft Word 2003/2007
 Web Page Creation - SchoolFusion
 Student Assessment - MAP, Dibels, Read Naturally (Looking into Easy CBM(University of Oregon)and other individualized systems))

Budget:

Basic Ed funds:
 (Based on yearly costs)
 Network Services ESD 113 Network Services \$3,750.00
 WSIPC Maintenance (K-20 Connection - yearly fee) \$268.08
 Communication Specialists Inc. PIX/Firewall \$406.34
 OSPI K20 Access \$2,985.00
 OSPI K20 Access \$4,000.00

Software Licensing WSIPC Microsoft School License \$16,500.00
 Anti virus Trebron Company Incorporated Continuing License (3 year contract will need to add new machines. It is a per machine quote) \$-Will be renewed in 2010
 Skyward licensing Fee \$45.29 FTE
 MAP license from OSD yearly FEE - \$4000.00
 Server \$10,000.00
 Teacher Laptops \$20,000.00 budgeted annually
 E-mail Archiving \$2,500.00 budgeted
 repairs and replacement \$9,200.00
 Laser Printer purchase \$1,200.00

Technology levy Passed on 11/04/2008 for \$800,000 over a two year period and funds are available for possible upgrades in the phone system, Networking, hardware, educational materials (including software) and training staff in the use and integration of new technologies to improve the learning environment.

Other funding sources are being considered such as a technology levy.

Maintenance, Upgrade & Support

Strategies	Budget & Potential Funding Source(s)	Timeline
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School Improvement Planning

<p>After the end of the two year levy cycle Griffin School District will assess the needs of the district and current technologies to further its goal of providing access and integration of technology into the educational process in all areas wer this adds value to the program.</p>	<p>General fund, grants and possible technology levy</p>	<p>2012 through 2013</p>
<p>1) Contract service for maintaining and monitoring the district's network and internet</p>	<p>Technology Budget ESD113 network services - \$3750.00 annual fee</p>	<p>Yearly budget Item.</p>
<p>1. Yearly maintenance contract for firewall and building routers. 2. Develop a replacement schedule and locate funding for technology equipment - including but not limited to: computers, LCD projectors, document cameras, and other A/V equipment. (Currently entering into a lease for teachers laptops, and using the Computers 4 Kids program to replace older computers) 3. Maintain and improve current phone system 4. Provide appropriate training for technicians and staff as needed. 5. License maintenance for software</p>	<p>Basic Ed funds: (Based on yearly costs) Network Services ESD 113 Network Services \$3,750.00 WSIPC Maintenance (K-20 Connection - yearly fee) \$268.08 Communication Specialists Inc. PIX/Firewall \$406.34 OSPI K20 Access \$2,985.00 OSPI K20 Access \$4,000.00 Software Licensing WSIPC Microsoft School License \$16,500.00 Anti virus Trebron Company Incorporated Continuing License (3 year contract will need to add new machines. It is a per machine quote) \$-Will be renewed in 2010 Skyward licensing Fee \$45.29 FTE MAP license from OSD yearly FEE - \$4000.00 Server \$10,000.00 Teacher Laptops \$20,000.00 budgeted annually E-mail Archiving \$2,500.00 budgeted repairs and replacement \$9,200.00 Laser Printer purchase \$1,200.00 Other funding sources are being sought. Including state and local funding.</p>	<p>This is a yearly budget. The Griffin community passed a levy for the 2009-10 and 2010-11 school years to upgrade and improve technology at Griffin and to support the yearly budget.</p>
<p>Cisco Cisco ASA \$2,800.00 Firewall Device wireless network \$31,497.77 Networking Stackable Switches \$19,991.71 10/100/1000 48 port switches (4 - 48 port POE switches) Stackable Switches \$14,000.00 10/100/1000 48 port switches (4 - 48 port) 2 Wireless Labs \$46,675.12 Replace old labs automated contact system \$2,421.00</p>	<p>Technology Levy for 2009-10 and 2010-11 school years.</p>	<p>Purchase and implement in early 2010</p>
<p>Upgrade or replace the Existing phone system to meet current and future needs as well as bring the system into compliance with standards for phone systems (e911)</p>	<p>Grants, special levies and other funding sources.</p>	<p>Currently substantially approved for a grant to replace the systems. If this occurs the replacement would be during the summer month of 2010 if not it will be based upon availability of funds.</p>

How will these services support your district's

These items support the districts learning goals by maintaining access to information by staff and students. These services are used for communication, research, and instruction.

learning goals?

Technology Plan Review & Update

Strategies for Evaluation & Update	Person or Team Responsible	Timeline
Using the "Technology Principles and Guiding Questions for Program Development" (see attached), evaluate future direction, purchase and implementation of technology resources for use at district.	Technology committee, technology coordinator, curriculum director, and superintendent.	Access as needed and at least once yearly.
-- Review the technology plan; identify progress and evaluate changes needed; -- Assess integration of technology within the curriculum using surveys and assessment tools designed within the curriculum development process; -- Determine needs for in-servicing of teachers in the technology areas and develop appropriate content ; -- Review staff input from the in-services; and -- Use assessment tools to gather data on student use of technology. -- Provide leadership for staff development; -- Manage the technology grants and budgets to reflect the needs of the students and staff K-8; -- Stay current with developments and innovations in the field; -- Maintain current inventories and adjust as outlined in the plan; -- Provide service and repair to maintain equipment and networks;	Superintendent/Technology Coordinator and Committee/Principals and Classroom Teachers	These needs will be assessed on a yearly basis as well as ongoing throughout the year.
District Technology Levy for the 2009-10 and 2010-11 school years (passed during 2008-09 school year) Propose additional 2 year levies in the future to continue funding upkeep and improvements	Superintendent/Technology Coordinator and Committee/Principals and School Board	Funds will be spent during the 2009-10 school year to upgrade the infrastructure and replace outdated equipment. The success of the new equipment will determine the direction taken in the 2010-11 school year along with the search for solutions to address the need for individualized instruction and to meet the needs of the 21st century student.

E-rate – Priority One

Voice, Data & Video	Budget & Potential Funding Source(s)
Maintain existing long distance and local phone lines, upgrade from a T-1 to a 10 BaseT connection for external access (this includes data and video over IP) and maintain exciting Comcast cable connections	Long distance and local phone funding comes out of the general operations budget, the external video/data connection is partially funded by a state grant and by the general fund, Comcast provides the cable television service.

Upgrade existing phone system to meet e-911 guidelines and move to a VOIP system to meet the needs of staff and the community.	Grants (currently substantially approved) and other funding sources such as M&O and special levies.
1) Web hosting 2) e-mail service	Annual Technology Budget Funding source is the general fund and special levies.

How will these services support your district's learning goals? These items support the districts learning goals by creating access to information by staff and students. These services are used for communication, research, and instruction.

E-rate – Priority Two

Internal Network - Hardware & Software	Budget & Potential Funding Source(s)
1) Wireless routers in instructional areas 2) Firewall 3) Server (including monitor) - DHC	General operations funds, technology budget, special levy and capital projects.
Firewall Device wireless network Stackable Switches - 10/100/1000 48 port switches (4 - 48 port POE switches) Stackable Switches - 48 port switches (4 - 48 port)	Special Levies, general fund, grants.

How will these services support your district's learning goals? These items support the districts learning goals by creating access to information by staff and students. These services are used for communication, research, and instruction.

Additional Material Documents Uploaded

Title	Description	File
Technology Principles and Guiding Questions for Program Development	Document developed by a group of staff, board and community members as a guideline for future development of the technology program	Technology Principles and Guiding Questions for Program Development.docx

Modified By:

Patrick Passmore

Modified On:

3/22/2010