

**Blaine School District  
Blaine SD 2010 Technology Plan  
6/1/2010**

**Goals:**

**Goal Title:** Technology Integration by Teachers

**Smart Goal:** Blaine School District Technology Team is focused on increasing our student achievement in math and science as measured by State assessment testing, by improving technology integration district wide (i.e., continue moving staff from Tier 1 to Tier 2, and Tier 2 to Tier 3 as measured by the district staff technology survey).

Group Narrative	Narratives
Tech Integration by Teachers & Librarians at District Level	To develop goals that targets the technology proficiencies of administrators per the Technical Proficiencies documentation from OSPI: <a href="http://www.k12.wa.us/EdTech/TechLiteracy/pubdocs/AdminLibrProficienciesREV11-09.pdf">http://www.k12.wa.us/EdTech/TechLiteracy/pubdocs/AdminLibrProficienciesREV11-09.pdf</a> .
	Tech training on best practices for using smart boards, projectors and document cameras are needed
	Provide district support to schools continuing the progress in moving classrooms and teachers forward through the Tier Model.

**Goal Title:** 8th Grade Technology Literacy

**Smart Goal:** Move students from tier one to tier two and from tier two to tier three on the tiers of 8th grade technology literacy indicators from the National Educational Technology Standards for Students.

Group Narrative	Narratives
8th Grade Tech Literacy	Currently, 8th grade students self-assess their technology proficiency using the state assessment. This assessment provides data showing what percentage of students fall into categories of sophistication in the use of technology across a broad spectrum of applications. We will use this self-assessment and link it to the tiers indicators from the National technology standards.

**Goal Title:** Teachers & Librarians Technology Proficiency

**Smart Goal:** Through Professional development increase Teachers & Librarians Technology Proficiencies by 50% for best practices in use of smart boards, projectors, document cameras and emerging technologies.

Group Narrative	Narratives
Tech Integration by Teachers & Librarians at District Level	To develop goals that targets the technology proficiencies of administrators per the Technical Proficiencies documentation from OSPI: <a href="http://www.k12.wa.us/EdTech/TechLiteracy/pubdocs/AdminLibrProficienciesREV11-09.pdf">http://www.k12.wa.us/EdTech/TechLiteracy/pubdocs/AdminLibrProficienciesREV11-09.pdf</a> .
	Tech training on best practices for using smart boards, projectors and document cameras are needed
	Provide district support to schools continuing the progress in moving classrooms and teachers forward through the Tier Model.

**Goal Title:** Improve Tech Proficiency of Administrators

**Smart Goal:** Improving tech proficiency of district principals and administrators will provide direct support the the goal of improving tech integration by teachers

Group Narrative	Narratives
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Improve Tech Literacy of Administrators	To develop goals that targets the technology proficiencies of administrators per the Technical Proficiencies documentation from OSPI: <a href="http://www.k12.wa.us/EdTech/TechLiteracy/pubdocs/AdminLibrProficienciesREV11-09.pdf">http://www.k12.wa.us/EdTech/TechLiteracy/pubdocs/AdminLibrProficienciesREV11-09.pdf</a> .
Tech Integration by Teachers & Librarians at District Level	To develop goals that targets the technology proficiencies of administrators per the Technical Proficiencies documentation from OSPI: <a href="http://www.k12.wa.us/EdTech/TechLiteracy/pubdocs/AdminLibrProficienciesREV11-09.pdf">http://www.k12.wa.us/EdTech/TechLiteracy/pubdocs/AdminLibrProficienciesREV11-09.pdf</a> .
	Tech training on best practices for using smart boards, projectors and document cameras are needed
	Provide district support to schools continuing the progress in moving classrooms and teachers forward through the Tier Model.

### District Technology Plan

#### Additional Material Documents Uploaded

No Documents Uploaded

#### Technology Vision Statement:

The primary goal of technology use in the Blaine School District is to increase student achievement in all content areas. The integration of technology into classroom teaching will provide learning experiences that are highly interactive and subject appropriate.

Students and staff will have access to appropriate technology resources to research, analyze, problem solve, and synthesize. Blaine School District will provide students with opportunities to use technology applications for pursuing knowledge and producing outcomes. Our aim is to develop technology and information literate citizens. Students will understand the applications of technology both for learning and for use in the workplace.

#### Action Plan:

<b>Goal:</b>	Technology Integration by Teachers
<b>SMART Goal:</b>	Blaine School District Technology Team is focused on increasing our student achievement in math and science as measured by State assessment testing, by improving technology integration district wide (i.e., continue moving staff from Tier 1 to Tier 2, and Tier 2 to Tier 3 as measured by the district staff technology survey).
<b>Impact on Student Achievement:</b>	
<b>Strategy:</b>	Increase resources district wide on a 3 year investment plan based on the recommendations of the Technology Use in Classrooms Tier Model to increase classroom technology.
<b>Rationale:</b>	Investments in classroom technology supports the State Legislative Directive 2SHB 1906, Section 16 (1), which states: Within funds specifically appropriated, by December 1, 2008, the SPI shall develop essential academic learning requirements (EALRs) and grade level expectations (GLEs) for educational technology literacy and technology fluency that identify the knowledge and skills that all public school students need to know and be able to do in the areas of technology and technology literacy and fluency.

Activities/Task	% Complete	Professional Development	Timeline	Resources Amount / Type / Description / Funding Source	Who is Responsible?	Monitoring Effectiveness
Building administrator and technology group representative will periodically evaluate classroom needs to determine the appropriate use of building and district	0		9/1/2010 - 6/14/2013		Building administrator and technology group representative	Building administrator and technology group representative will periodically evaluate classroom needs to determine the appropriate use of building and district

funds.

funds.

**Procedures for evaluating success in reaching this goal** Building administrator and technology group representative will periodically evaluate classroom needs to determine the appropriate use of building and district funds.

**Goal:** 8th Grade Technology Literacy  
**SMART Goal:** Move students from tier one to tier two and from tier two to tier three on the tiers of 8th grade technology literacy indicators from the National Educational Technology Standards for Students.

**Impact on Student Achievement:**

**Strategy:** Using data from the 8th grade technology self-assessment, we will target students currently at tiers one and two and move them to the next tier, providing activities appropriate for that particular tier.

**Rationale:** Previous 8th grade self-assessments have remained consistent and have not shown much change.

Activities/Task	% Complete	Professional Development	Timeline	Resources Amount / Type / Description / Funding Source	Who is Responsible?	Monitoring Effectiveness
Align 8th grade state technology assessment with the tiers indicators from the National Educational Technology Standards for Students.	0		9/1/2010 - 6/14/2013	500.00 / Training Costs / Review technology assessments and align tiers indicators to assessments / Building budget, tech budget	Librarian, Building Principal	8th grade state technology assessment will show measurable progress in terms of student self-assessment. An in-house assessment

**Procedures for evaluating success in reaching this goal** State 8th grade technology self-assessment

**Goal:** Teachers & Librarians Technology Proficiency  
**SMART Goal:** Through Professional development increase Teachers & Librarians Technology Proficiencies by 50% for best practices in use of smart boards, projectors, document cameras and emerging technologies.

**Impact on Student Achievement:**

**Strategy:** Incorporate teacher & Librarian technology training within the district learning improvement days.

**Rationale:** Due to classroom technology acquisitions the need for consistent teacher technology training is necessary for effective use and care of valuable classroom resources.

Activities/Task	% Complete	Professional Development	Timeline	Resources Amount / Type / Description / Funding Source	Who is Responsible?	Monitoring Effectiveness
30-60 Minute teacher/librarian /administrator led demonstrations and activities for each of the Learning improvement days.	0	See Activity/Task	9/1/2010 - 6/14/2013		Teachers, Librarians, Administrators	Effective use to be determined during administrator classroom observations.

**Procedures for evaluating success in reaching this goal** During administrator classroom observations effective use of technology evaluated.

**Goal:** Improve Tech Proficiency of Administrators  
**SMART Goal:** Improving tech proficiency of district principals and administrators will provide direct support the the goal of improving tech integration by teachers

**Impact on Student Achievement:**

**Strategy:** Improve tech literacy of district administrators to ensure proper evaluation of teacher tech integration during classroom evaluations.

**Rationale:** Those who lead our classrooms must be proficient users of digital technologies as well as highly capable technology integrators whose instructional practice is compatible with a student-centered, project-oriented learning environment.

Activities/Task	% Complete	Professional Development	Timeline	Resources Amount / Type / Description / Funding Source	Who is Responsible?	Monitoring Effectiveness
Provide district administrators with scheduled technology training during the monthly blaine leadership team meetings.	0	See Activity/Task	9/1/2010 - 6/14/2013		Blaine Leadership Team; Superintendent, Department Directors and Building Administrators	Allow administrators to demonstrate proficiencies of demonstrated technology.

**Procedures for evaluating success in reaching this goal** Observe understanding and effective use of technology and computer skills during the leadership team meetings.

**Narrative:**

Each building in Blaine School District has an individual technology plan for maintaining and improving technology offerings, both in terms of hardware, software, and training. Each building's school improvement plan addresses technology as a means to reaching their school improvement goals.

For Blaine Primary School and Pt. Roberts Primary School, an emphasis is being made to incorporate Response through Intervention techniques to reduce the number of students at tier two by 10% on the math state assessment. Dibels software will be used to specifically address RTI and math. Another piece of software, AIMSwebb, will be utilized in math to reduce tier two math students as well.

For Blaine Elementary School, their school improvement plan is focused on improving low achieving math and reading students' scores on state assessments. The Elementary School plans on providing teacher training in best practices in the use of large presentation devices to improve instruction in math and reading.

For Blaine Middle School, one part of the school improvement plan is to supply all classrooms with projectors and document cameras to improve teacher instruction in math and science. Additionally, the plan calls for using our current technology to assess student learning and to guide instruction based on formative assessment results.

For Blaine High School, the school improvement plan is linked with technology in terms of integrating the use of smart boards, document cameras and computers into lessons to engage students in math. The High School's improvement plan's focus continues to be improving math scores on the state assessment.

**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:** The Blaine School District maintains a hybrid network, utilizing both macintosh and windows pc's.

Our minimum specifications are:

PC: Pentium IV/Celeron/AMD; 2ghz or higher  
Macintosh: iMac, eMac, macbook/Intel, iBook G3/G4, or Mac G3/G4/G5; 500mhz or higher

Minimum specs for Servers:  
WebServer; G5 Macintosh XServer running OSX Server  
Mail Services – Pentium IV/ Kerio Secure MailServer  
File Services – Mac G5 XServer and Dell Dual Xeon Server

Software used district-wide with main function noted:  
Databases: Appleworks, MS Access  
Spreadsheets: Appleworks, MS Excel  
Presentation: MS Powerpoint  
Word Processor: Appleworks, MS Word  
Desktop Publisher: Appleworks, MS Word  
Vax Communication: VersaTerm, Reflections, Terminal  
E-Mail Software: Webmail client via Kerio Mail Server  
Antivirus: Sophos Desktop AV, McAfee Mailserver virus scan engine

**Budget:** \$33,644.00 yearly budget from General Fund for maint/upgrades to Servers and network infrastructure

**Maintenance, Upgrade & Support**

Strategies	Budget & Potential Funding Source(s)	Timeline
Blaine School District is committed to supporting and maintaining computer and related technology equipment.	\$33,644.00 yearly budget from General Fund for maintenance/upgrade/replacemen to Servers, workstations and network infrastructure.	Provide maintenance, upgrades and replacement equipment as needed.

**How will these services support your district's learning goals?** By increasing technology and computer capabilities to support the increase of staff technology integration in the classroom from Tier I to Tier II and from Tier II to Tier III, and increasing the technology proficiencies for administrators.

**Technology Plan Review & Update**

Strategies for Evaluation & Update	Person or Team Responsible	Timeline
Complete the Technology Proficiencies for Administrators survey. Complete the Technology Proficiencies for Teachers/Librarians survey. Complete the 8th Grade Technology Proficiencies survey each year.	Building Administrators, Teachers and Leadership/Planning Team Members	02/2011, 02/2012, 02/2013

**E-rate – Priority One**

Voice, Data & Video	Budget & Potential Funding Source(s)
Basic and long distance phone service for the district including alarm lines, (currently an ISDN system with 2 PRI circuits and 5 blocks of 100 DID numbers), cellular service for essential personnel, and internet access via the K20 Network. Centrex or similar system and internet access, apart from the K20 Network, for Point Roberts Elementary School.	The approximate costs for these service is \$65,000 each year. Our anticipated E-rate discount is \$35,000 per year thus we anticipate budgeting at least \$30,000 each year to pay our non-discounted share of these expenses. Most of our internet access is through the use of dark fiber which is currently not an e-rate eligible service.

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

Communication within and between buildings is essential to ensure student learning and student and faculty safety; communication between teachers/staff/administrators and parents is essential for effective learning; access to the Internet is essential to prepare our students to develop and enhance 21st Century learning skills.

**E-rate – Priority Two**

Internal Network - Hardware & Software	Budget & Potential Funding Source(s)
We do not anticipate that our discount will be high enough to be fundable under Priority Two.	N/A

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

N/A

**Modified By:**

Dennis Small

**Modified On:**

5/24/2010