



Blair Community School District
Technology Plan

2012-2015

Blair

Rex Pfeil, Superintendent
Web Site: www.BlairSchools.org

Fall 2012

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Section 1 - Introduction

District Information

Blair Community Schools and the community of Blair have a commitment to providing state-of-the-art technology to the students of our district. Technology has the potential to transform education through learning at higher levels, individualizing instruction, and providing opportunities for continuous professional development by all staff. As a result, we believe that technology provides tools that enhance classroom instruction and increase student engagement, but must be supported with strong plans for staff development, curriculum integration, and adequate infrastructure including technology support systems to maintain sustainability over time.

Currently a number of initiatives are in place to ensure the adequate purchase of replacement equipment, the opportunity for innovation and expansion of technology use, and support of online resources. However, the need for a comprehensive plan that includes these components and solid systems to ensure continued progress in the area of technology is evident.

The administrative team for Blair Community Schools has determined that a district technology team must be formed to encompass both the educational and functional aspects of technology, utilizing the strengths of staff, students, and community members by producing a document that will be a roadmap to the future for technology integration. The development of a district technology plan is a culmination of district and school goals, needs, and priorities aligned to the mission and belief statements of the Blair Community Schools. The district technology plan is a plan for continuous improvement monitored for progress, and to modify goals, objectives, and activities when appropriate.

The Board of Education and recent community forum participants have also expressed their support for further enhancement of technology integration, and understand the need to utilize alternate sources of funding and provide opportunities for real-world application.

District Mission and Beliefs

Blair Community Schools is committed to being a district where All Students Learn.

We believe the following:

- Each child is unique with special talents.
- Human diversity is recognized and respected.
- Each student will achieve proficiency of essential content and skills.
- Change is necessary for continued growth.
- Efficient and effective use of technology will improve student learning.
- Frequent and varied assessments are essential for effective education.
- A supportive environment nurtures, challenges and encourages students to reach their full potential.
- A safe and secure environment, including mutual respect and self-discipline, is essential for student learning.
- A partnership with the community, home, school, and student is necessary for student success.
- Thinking and problem solving skills are essential for student learning.

District Technology Goals

It is the intent of the Blair Community Schools to prepare its students for the future by providing the skills necessary to promote critical thinking and problem solving, to ensure that they will be technologically literate, competent, self-reliant, and responsible citizens. We know that technology supports real-world learning, connects learners to experts and global communities, enables students to utilize and analyze data, and provides tools and resources to enhance learning. We must continually expand opportunities for teachers to become a part of the digital world of learning and teaching, utilize data from formative, summative, and standardized assessments to accurately guide improvement of instruction, and to foster collaboration between technology and instructional leaders at every level. In addition, technology is a necessary tool of administrative and support personnel for data collection and analysis at the building and district level. The district is committed to integrating current and diverse technologies into the curriculum, and to providing access to educational resources and materials beyond the walls of the school. Through the effective use of technology, the district will offer Blair students, staff, administration, and community members the opportunity to develop lifelong learning skills, and realize a future where all students and teachers will work seamlessly with technology in everyday use.

District Administration Team

Mr. Rex Pfeil – Superintendent
Mr. Dave Kaslon – Assistant Superintendent
Mrs. Cara Lucas-Richt – Director of Student Services
Mr. Jim Sides – Director of Curriculum & Instruction
Mr. Tom Anderson – Blair High School Principal
Mr. Mark Gutschow – Blair High School Assistant Principal
Mr. Marty Rogers – Blair High School Assistant Principal/Activities Director
Dr. Chris Stogdill– Otte Middle School Principal
Mrs. Danielle Beerbohm – Otte Middle School Assistant Principal
Mr. Mike Janssen – Arbor Park School Principal
Mrs. Amy Rogers – Elementary Principal – North and South Schools
Mrs. Beth Welke – Elementary Principal – Deerfield and West Schools
Mr. Mark Dickinson – Director of Technology

District Planning Committee

Jim Sides	Mark Dickinson	Rex Pfeil
Tom Anderson	Chris Stogdill	Mike Janssen
Amy Rogers	Beth Welke	Cara Lucas-Richt

Purpose of the Planning Committee

The purpose of the district planning committee is to meet on a regular basis to work as both small and large groups, making changes to the plan, goals, and action plans as technology evolves in our district. It is recognized that as our technology needs and priorities change, modifications/updates will be reflected in this working document. Small groups concentrate on a particular aspect of the plan, or specific tasks that must be done within the scope of the plan. The entire committee then reviews sections of the plan, and modifications are made until a consensus is reached.

The committee also serves to review proposals for new projects and purchases as well as providing visionary leadership for future goals and initiatives related to technology integration. Individual staff members serve as representatives for other staff members, sharing ideas, promoting integration, and offering leadership at the building level.

Finally, the planning committee is committed to aligning the goals of the Blair Community Schools with current state and national trends in technology integration, including Nebraska state standards and identified best practices in technology.

The following areas will provide the foundation for the technology plan and the work of the committees:

1. **Teaching & Learning**
2. **Educator Preparation & Development**
3. **Leadership, Administration and Support Services**
4. **Infrastructure for Technology**

Section 2 – Curriculum – *Teaching & Learning*

Curriculum Integration

Blair Community Schools is redesigning the technology curriculum in order to embed specific competencies within the core curriculum and elective classes. These competencies are based on the Nebraska Language Arts Standards for Multiple Literacies as well as the National Educational Technology Standards for Students, Teachers, and Administrators (NETS-S, NETS-T, NETS-A)

Competencies will be clearly identified with levels of mastery, then designated in corresponding curriculum maps. Beginning in kindergarten, students learn to utilize technology as a tool for learning. As skills develop, students are given many opportunities to generate projects using technology and to reinforce their learning of the core academic subjects in their grade level through guided use of educational software and the Internet.

Faculty members are using technology to improve teaching and learning, and to reflect on the ways in which various technologies can enhance good teaching and learning practices.

Student Achievement

Blair Community Schools has continued to maintain fixed computer labs while adding portable lab capabilities in all buildings. Projectors, SMARTBoards, and new equipment continue to be added in order to provide for current needs while moving technology integration forward in all classrooms. Lab use continues to be impacted by assessment and the overall technology curriculum and equipment acquisition initiatives must be driven by the goal of raising student achievement. Current research by Robert Marzano in a study that involved 85 teachers and 170 classrooms found that in general, using interactive whiteboards was associated with a 16 percentile point gain in student achievement.

Delivery of Technology

As technology continues to evolve, Blair Community Schools will seek to maintain a balanced approach to technology integration, training teachers to effectively utilize equipment and resources, collaborating to share information and build capacity for all staff members. Technology will be viewed as a tool to enhance learning and maintain a high level of student engagement.

Parent Communications & Community Relations

The educational technology plan will be disseminated to the community in two ways. First, it will be shared in a hard copy form within the school community. Second, it will be available on the district web site www.blairschools.org for the community at large.

The district website is used to share information with parents such as staff email, dates and times of school events, mission statement, budget information and school board information.

The district will continue to provide forums for training and feedback to assist in utilizing the web site more fully, and to help parents access their children's academic information.

Collaboration

Blair Community Schools encourages collaboration of staff members and students within the district, between other school districts, and with the greater educational community. Community members, area business partners, ESU3, and institutions of higher education are also key members for collaborative efforts to determine the future direction of technology integration. The district understands the importance of providing structured opportunities for these activities, and will seek to purposefully develop these over time, utilizing the expertise of internal and external resources.

Section 3 – Professional Development – *Educator Preparation & Development*

Proficiency

Professional development and technical support, training, and assistance are provided on an ongoing basis for teachers and administrators.

Teacher inservice training sessions are provided after school and during designated staff inservice days. Throughout the school year, professional development is provided to familiarize teachers with the technology resources, which are available for daily integration and curriculum enhancement. The sessions highlight the usefulness of technology tools and resources, and demonstrate ways to integrate their use into the classrooms and curriculum.

Building level technology assistance is available to all teachers, students and staff on an as needed basis to support their use of the schools' resources. The district technology staff serves as consultants to answer the staff's questions and complete basic maintenance on school hardware. Teachers are also active in assisting students in the use of technology for specific projects and activities.

The use of online technology request forms has assisted the district in managing requests more efficiently, however, the need still exists to increase the availability of help-desk type assistance. During the duration of this plan, the district will seek to make improvements in efficiency and availability of technology support and trouble-shooting.

Support Systems & Leadership

Blair Community Schools utilizes numerous resources to ensure the successful use of technology available to students and staff. District policies and guidelines have been established to ensure proper and effective use of technology. These policies and guidelines include: Internet usage, general technology usage, email usage, and telephone system usage.

The district maintains a website that provides staff, students, parents, and the community with information about the educational program, school calendar, and district demographics.

The district's student information system is provided for administrative use and is supported by the district technology director and ESU#3.

Project Proposals

The technology committee will develop a plan and all supporting documents to allow staff a clear pathway for submitting project proposals to encourage innovation and increased integration of technology and research-centered instruction.

Requests & Approvals

The technology committee will develop a plan and all supporting documents to allow staff a clear pathway for submitting requests and receiving approval for hardware, software, and other related resources for the purpose of enhancing instruction, increasing efficiency and collaboration, and utilizing state-of-the-art technology resources.

Effective Practices

Blair Community Schools is committed to using technology to enhance our educational program. As new technology is adopted, the necessary support systems will be developed to support implementation success. Processes will be put in place to monitor, analyze, and measure the success of these systems.

Over the next three years, significant staff development must be planned for continued system implementations. All teachers will be trained, including necessary support staff, for any new initiatives, and development will continue and expand to reflect best practices in technology integration, based on but not limited to 21st Century Skills. (Appendix__)

Section 4 - Infrastructure - *Infrastructure for Technology*

Hardware, Technical Support/Software

Technology is a tool utilized by administration and teaching staff as well as students at Blair Community Schools. Technology purchased or acquired by the district for use by administrators, teachers, staff, and students is selected based upon present and future needs. It is the goal of the district to ensure that there is integration of technology into all curricular areas.

Current Technology

This committee is made up of district administrators, building administrators and teachers.

Hardware

This committee is made up of district administrators, building administrators and teachers.

http://bit.ly/bcstech_hardware

Software

This committee is made up of district administrators, building administrators and teachers.

Future Needs

This committee is made up of district administrators, building administrators and teachers.

Accessibility

Blair Community Schools will continue to increase the technology available to students by purposefully implementing online and technology experiences across the curriculum, ensuring that students have the necessary skills and competencies to enter

the global workforce. The district will utilize effective systems to continuously plan and review initiatives to guide technology integration as new capabilities are developed in order to maintain a balanced approach to utilizing technology.

Policies & Procedures

Blair Community Schools will continue to comply with all legal requirements of the Children’s Internet Protection Act. The district is committed to assuring the safe conduct of all students while online and has a policy regarding the proper use of technological resources. This policy will be reviewed on an ongoing basis. At the beginning of each school year, students and staff are made aware of the district’s Acceptable Use Policy. The district uses Internet filtering through ESU3 to protect students from unacceptable incoming and outgoing websites and spam.

ACCEPTABLE USE OF COMPUTERS, TECHNOLOGY AND THE INTERNET

Use of electronic technology for communication; transmitting and receiving information; and for storing, retrieving, and manipulating data is an integral part of the education process. The Board of Education encourages and supports the use of electronic technology in instructional programs and activities within legal and ethical parameters.

The Board of Education recognizes that electronic technology is rapidly expanding in the field of education and that the inappropriate use of that technology, whether intentional or accidental could occur in the schools. To assure appropriate use of electronic technology in the Blair Community Schools, the Superintendent of Schools will develop regulations and procedures related to the appropriate use of electronic technology in the instructional programs and activities of the school district.

It is the policy of the Blair Community Schools that, in accordance with the Children’s Internet Protection Act, access to the Internet provided by Blair Community Schools is expected to be used as an educational and/or work-related resource and that such access shall be made available subject to such rules and regulations as may be established, provided that no use shall be permitted which, in the judgment of the Board of Education of the Blair Community Schools, is in any way prejudicial to the best interest of the unit or in conflict with the Blair Community Schools Program of Services.

The Blair Community Schools Board of Education reserves the right to refuse access to the Internet by Blair Community Schools to anyone when it deems it necessary in the public interest.

Definitions

1. Access to the Internet-A computer shall be considered to have access to the Internet if such computer is equipped with a modem or is connected to a computer network that has access to the Internet.
2. Minor shall mean an individual who has not attained the age of 19.
3. Obscene shall have the meaning given such terms in section 1460 of title 18, United States Code.
4. Child pornography shall have the meaning given such term in section 2256 of title 18, United States Code.
5. Harmful to minors shall mean any picture image, graphic image file, or other visual depiction that:
 - A. taken as a whole and with respect to minors, appeals to a prurient interest in nudity, sex, or excretion;
 - B. depicts, describes, or represents in a patently offensive way with respect to what is suitable for minors, an actual or simulated sexual act or sexual contact, actual or simulated normal or perverted sexual acts, or a lewd exhibition of the genitals; and; taken as a whole, lacks serious literary, artistic, political, or scientific value as to minors.
6. Hacking shall mean attempting to gain unauthorized access to computer and network systems connected to the Internet.
7. Technology protection is managed by Blair Community Schools' district technology personnel that blocks and/or filters Internet access.
8. Authorized staff member as used herein shall refer to an adult staff member appointed by the building principal.

Access to Internet by Minors/Students

Minors accessing Internet services provided by Blair Community Schools when registered, attending, or working as an employee or volunteer of Blair Community Schools; when attending trainings, meetings, conferences, or other events sponsored at a facility owned or leased by Blair Community Schools or at a facility of which Blair Community Schools has otherwise been granted primary custody; or when accessing Blair Community Schools Internet services with remote access connections shall be subject to the following rules and regulations.

1. Minors/Students shall not access material that is obscene, child pornography, harmful to minor, or otherwise inappropriate for educational or work-related uses, or when in direct violation of the Blair Community Schools Student Parent Handbook.

2. Minors/Students shall not use Blair Community Schools' technology or Internet resources to engage in hacking or attempts to otherwise compromise any computer or network systems security.
3. Minors/Students shall not engage in any illegal activities on the Internet.
4. Minors/Students shall only use electronic mail, and other forms of direct electronic communications for purposes related to education within the context of an approved school-related assignment or activity, or for purposes related to work, including volunteering at Blair Community Schools.
5. Minors/Students shall not disclose personal identification information on the Internet, unless appropriately authorized by School District personnel.

Access to Internet by Adults

Adults accessing Internet services provided by Blair Community Schools when working as an employee or volunteer of Blair Community Schools; when attending trainings, meetings, conferences, or other events sponsored as a facility owned or leased by Blair Community Schools or at a facility of which Blair Community Schools has otherwise been granted primary custody; or when accessing Blair Community Schools Internet services with remote access connections shall be subject to the following rules and regulations:

1. Adults shall not access material that is obscene, child pornography, or otherwise inappropriate for training or work-related uses.
2. Adults shall not use Blair Community Schools technology resources to engage in unauthorized hacking or attempts to otherwise compromise any computer or network systems security.
3. Adults shall not engage in illegal activities on the Internet.

Technology Protection Measure

The district shall use a technology protection measure that protects against Internet access by both adults and minors to visual depictions that are obscene, child pornography, or with respect to use of the computers by minors, harmful to minors. This Internet safety policy must also include monitoring the online activities of minors.

1. The technology protection measure that blocks and/or filters Internet access may be disabled by an authorized staff member for bona fide research purposes with permission of the building principal.
2. An authorized staff member may override the technology protection measure that blocks and/or filters Internet access for a minor to access a site for bona fide research or other lawful purposes during which time the minor will be monitored directly by the authorized staff member.

Any violation of this policy may result in the loss of access to the Internet by Blair Community Schools. Additional disciplinary action may be determined in accordance with existing procedures and practices, both administrative and as stipulated in Blair Community Schools Board policy, and including applicable law enforcement agencies when necessary.

Legal Reference: 20 U.S.C. sec. 1232g (1988) (Family Educational Rights and Privacy Act)
 47 U.S.C. 201 et seq. (Communications Decency Act of 1995)
 Children’s Internet Protection Act and Neighborhood CIPA of
 2000
 Nebraska Statutes 79-2104

Cross Reference: 102 Educational Philosophy of the District
 401 Guiding Principles for Employees
 504 Student Rights and Responsibilities
 507 Student Records
 603 Curriculum Development
 604 Instructional Curriculum
 606.5 Media Centers
 1006 Use of District Facilities and Equipment

Section 5 - Funding & Budget –*Leadership, Administration & Support Services*

Budget & Timetable

The technology committee, in cooperation with district technology personnel, will develop a comprehensive three year plan to guide future budgetary needs and technology purchases, including projected years for purchase, associated costs, revenue sources, personnel responsible for purchase, and intended use.

(Insert Plan)

Coordination of Resources

Other funding resources will be investigated such as local, state, and federal grants, Foundation resources, community partnerships, and private donations.

Section 6 - Goals & Objectives

District Technology Goals

The following are part of the district goals. As part of these broad goals, the district will form a specific technology plan to carry out steps necessary to supporting the overall goals of the district for this year, and for the next several school years. These items will be embedded in the district technology plan.

Continue Integration of Technology to Support Learning, Communication, & Collaboration (2012- 2015)

PLAN OF ACTION FOR COMPLETING THIS GOAL:

- Develop a three-year district technology plan.
- Provide focused staff development that showcases technology initiatives within the district to foster integration.
- Increase communication for students, families, and staff through district, building and teacher website pages.
- Focus target funding on technology upgrades.
- Utilize technology for district climate surveys for electronic results.
- Continue initiatives that are supporting this goal such as Tech Tuesdays, ESU3 Tech Training, & online tech requests.
- Review needs of the district with regard to adding additional tech support.

ASSESSMENT OF PROGRESS IN ACHIEVING THIS GOAL:

- Increased use of web pages for learning, communication & collaboration – specific examples noted.
- Climate survey results gathered in usable format to guide district/building decision-making & planning.
- Increased use of new technology – i.e. ipads, mobile devices, smart boards, projectors, laptops.
- Continuous improvement of district web site to facilitate communication between families, support student learning, and access relevant information.

Continue Integration of Technology to Support Learning, Communication, & Collaboration (2012- 2015)

PLAN OF ACTION FOR COMPLETING THIS GOAL:

- Selected High School students serve as technology support in buildings throughout the district.
- Provide focused staff development based on technology needs assessment results and teacher feedback.
- Effectively communicate with students, families, and staff through district, building and teacher web pages and web based tools.
- Access the district technology plan and committees as the guiding force for effective implementation of technology initiatives.

ASSESSMENT OF PROGRESS IN ACHIEVING THIS GOAL:

- Increased building level technology, support and expertise.
- Planned technology workshops throughout the school year based on the needs assessment. Needs assessment administered during the fall of each school year.
- Consistent use of web pages for learning, communication & collaboration supported by continuous improvements.
- Effective use of technology for instruction, assessment, and innovation.

Technology Plan – Goals & Objectives

Goal 1: Ensure quality teaching and learning experiences for students, staff, and the community through the use of innovative technology resources.

Objective 1.1: Design authentic learning opportunities using technology.

Objective 1.2: Promote the process by which individuals and groups increase instructional effectiveness through the use of innovative technology.

Objective 1.3: Provide effective support for all stakeholders utilizing technology to enhance teaching and learning.

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Objective 1.4: Design authentic, ongoing assessment that drives instruction and provides effective and timely feedback.

Objective 1.5: Enrich educational opportunities for teachers, students and community members by providing enhanced resources, communication, and adult literacy.

Goal 2: Ensure sustained educator preparation and development in the use of technology that is standards-based, meaningful and engaging.

Objective 2.1: Enhance professional development opportunities that promote teacher collaboration, leadership opportunities, and training support in best practices.

Objective 2.2: Create a collaborative environment that nurtures small, personalized and sustainable learning communities for students and staff.

Objective 2.3: Increase the effective use of technology as a tool to design, deliver, and evaluate meaningful and engaging learning experiences for students.

Goal 3: Build a strong foundation of leadership, administration services that support exceptional teaching and learning through the integration of technology.

Objective 3.1: Empower leadership among staff, students, and community to develop a clear vision of integration of technology in all teaching and learning.

Objective 3.2: Provide hardware/software necessary to support the learning environment for students.

Goal 4: Ensure a progressive, stable and robust infrastructure for technology that supports the educational vision of the Blair Community Schools.

Objective 4.1: Provide a physical support structure that optimizes the use of technology.

Objective 4.2: Establish effective policies and procedures for accessibility to district technology.

The following pages of the action plan include strategies for action, designates staff responsible for implementation, identifies timelines, costs and their funding sources, and provides the evaluation measure by which completion of plan activities are assessed. Even though staff development is a separate goal, staff development activities are noted throughout the plan. The primary focus of the plan is teaching and learning. All other activities support this effort. This plan provides a guide for the district to follow throughout the year as goals and objectives are completed. The plan is revised on a yearly basis to assess the status of activities and is modified to add new objectives in order to keep up with changing technology needs.

Goal 1: Ensure quality teaching and learning experiences for students, staff, and the community through the use of innovative technology resources.

Objective 1.1: Design authentic learning opportunities using technology.

Strategies	Staff Responsibility	Timeline	Cost/Funding Source	Evaluation
1. Utilize the unique talents and abilities that exist within our school and community.	District Teachers Administration	2012-2015 – Ongoing		Teachers and students are utilized in staff development; Teachers present for local, state, and national conferences; Teachers demonstrate best practices used within the district to support instruction and effective use of data.
2. Integration of technology into new and existing curriculum to meet specific learning and instructional goals.	Director of Curriculum & Instruction, Building Principals, Technology Director, Curriculum Teams	2012-2015 – Ongoing		Revised curriculum maps that reflect embedded technology competencies.

Goal 1: Ensure quality teaching and learning experiences for students, staff, and the community through the use of innovative technology resources.				
Objective 1.2: Promote the process by which individuals and groups increase instructional effectiveness through the use of innovative technology.				
Strategies	Staff Responsibility	Timeline	Cost/Funding Source	Evaluation
1. Staff participates in collaborative groups and online forums.	Administration	2012-2015 -Ongoing		Collaborative discussion and sharing of best practice.
2. Teachers participate in online learning.	Director of Technology	2012-2015 -Ongoing		Online forums/discussion; Online assessments; staff development records.
3. Teachers participate in district staff development and trainings offered through other organizations.	Director of Technology, Administration	2012-2015 -Ongoing		Teacher attendance in district staff development; teachers share information.

Goal 1: Ensure quality teaching and learning experiences for students, staff, and the community through the use of innovative technology resources.				
Objective 1.3: Provide effective support for all stakeholders utilizing technology to enhance teaching and learning				
Strategies	Staff Responsibility	Timeline	Cost/Funding Source	Evaluation
1. Establish user groups to train, mentor and exhibit skills learned. Example – Tech. Tuesdays	Superintendent, Building Principals, Director of Technology, Technology Committees	2012-2015 -Ongoing		User groups established and collaborate regularly; purpose of technology evaluated
2. Sponsor student project submissions for state and national technology contests	Superintendent, Building Principals, Director of Technology, Technology Committees	2012-2015 -Ongoing		Evidence of student contest performance

Goal 1: Ensure quality teaching and learning experiences for students, staff, and the community through the use of innovative technology resources.				
Objective 1.4: Design authentic, ongoing assessment that drives instruction and provides effective and timely feedback.				
Strategies	Staff Responsibility	Timeline	Cost/Funding Source	Evaluation
1. Create authentic assessments using technology tools to demonstrate objective mastery.	Superintendent, Building Principals, Director of Technology, Curriculum Director, Technology Committees, Teachers	2012-2015 -Ongoing		Ongoing authentic assessment
2. Use technology to format some common formative assessments in a standardized format to provide immediate feedback for student, teacher, and/or both.	Superintendent, Building Principals, Curriculum director, Director of Technology, Technology Committees	2012-2015 -Ongoing		Assessment Tools
3. Design instruction that culminates with students demonstrating mastery of identified technology competencies and keyboarding skills.	Superintendent, Building Principals, Director of Technology, Curriculum Director, Technology Committees, Teachers	2012-2015 -Ongoing		Evidence found in student projects and technology literacy assessments
4. Design and implement Technology Application performance assessments at designated grade levels.	Building Principals, Director of Technology, Curriculum Director, Technology Committees, Teachers	2012-2015 -Ongoing		Student performance reports

Goal 1: Ensure quality teaching and learning experiences for students, staff, and the community through the use of innovative technology resources.				
Objective 1.5: Enrich educational opportunities for teachers, students, and community members by providing enhanced resources, communication, and adult literacy.				
Strategies	Staff Responsibility	Timeline	Cost/Funding Source	Evaluation
1. Provide distance education opportunities for students, staff, and community.	Building Principals, Director of Technology, Curriculum Director, Technology Committees, Teachers	2012-2015 -Ongoing		Number of staff development opportunities.
2. Provide a variety of online library resources to students, teachers, and community members.	Technology Department, Library Media Specialists	2012-2015 -Ongoing		Assess usage of online resources.
3. Implemented enhanced district and K-12 web sites.	Superintendent, Building Principals, Director of Technology, Technology Staff, Curriculum Director, Technology Committees, Teachers	2012-2015 -Ongoing		Completed web enhancements; migration of web site data.
4. Provide opportunities for teachers and staff to communicate information to students and community through the delivery of teacher-created web sites.	Building Principals, Director of Technology, Technology Committees, Teachers	2012-2015 -Ongoing		Teacher web site presence; community usage reports and feedback.

Strategies	Staff Responsibility	Timeline	Cost/Funding Source	Evaluation
5. Provide web-based broadcast to communicate student programming, sports events and replays, current district scheduled events and news, legislative updates for community, and special events broadcasts.	Director of Technology, Technology Staff	2012-2015 -Ongoing		Constant news feed; community feedback.
6. Continue to enhance existing communication to community through email and text notification.	Director of Technology, Technology Staff	2012-2015 -Ongoing		Community involvement and feedback
7. Provide high speed, filtered Internet access to all students and teachers at the classroom level for research projects and information acquisition.	Technology Department	2012-2015 -Ongoing		Bandwidth usage reports; teacher and student projects
8. Continue to provide district-wide access to digital video and web-based resources and for the integration of technology into all subject areas.	Superintendent, Building Principals, Director of Technology, Curriculum Director, Technology Committees, Teachers	2012-2015 -Ongoing		Lesson plan documentation; integration of digital content in curriculum
9. Develop and implement online courses available for Blair High School students as is relevant per department.	ESU3, Technology Staff, 9-12 staff, Curriculum Director	2012-2015 -Ongoing		Identify potential courses, begin development, plan for implementation
10. Consider enrichment opportunities for adult literacy at all sites.	Director of Technology, area community partners	2012-2015 -Ongoing		

Strategies	Staff Responsibility	Timeline	Cost/Funding Source	Evaluation
11. Develop opportunities for guided collaboration through professional book studies and other means of collaborative activities.	Building Administrators, Technology Staff, Superintendent, Media Specialists	2012-2015 -Ongoing		Development of book studies; collaborative discussion; initiation of pilots on designated sites.

Goal 2: Ensure sustained educator preparation and development in the use of technology that is standards-based, meaningful, and engaging.				
Objective 2.1: Enhance professional development opportunities that promote teacher collaboration, leadership opportunities, and training support in best practices.				
Strategies	Staff Responsibility	Timeline	Cost/Funding Source	Evaluation
1. Provide opportunities for teachers and administrators to attend local, state and national conferences.	Superintendent, Building Administrators	2012-2015 -Ongoing		Teacher attendance at conference; teachers share information; teachers utilized for District Staff Development opportunities
2. Develop a District-wide Technology Integration Academy	Superintendent, Building Principals, Director of Technology, Curriculum Director, Technology Committees, Teachers	Annually/ every summer		Teacher Evaluations; evidence of student and teacher products; teacher lesson plans; Attendance rosters
3. Continue to implement a district-wide professional development plan, which incorporates and provides for technology training for all staff.	Superintendent, Building Principals, Director of Technology, Curriculum Director, Technology Committees, Teachers	Ongoing; revise annually		Written plan (completed) Revise annually
4. Continue to create teacher awareness of student technology competencies and integrate into classroom methodologies.	Superintendent, Building Principals, Director of Technology, Curriculum Director, Technology Committees, Teachers	2012-2015 -Ongoing		Evidence of teacher awareness of competencies in lesson plans, student work, classroom observations

Strategies	Staff Responsibility	Timeline	Cost/Funding Source	Evaluation
5. Establish opportunities for teaching professionals to participate in on-going training and support through district site-visits, user groups, and online courses.	Superintendent, Building Principals, Director of Technology, Curriculum Director, Technology Committees, Teachers	2012-2015 -Ongoing		Integrated best practices in classrooms; potential pilots for schools; increased availability of training sessions and online courses
6. Create a system to evaluate teacher proficiency in the utilization of technology hardware, software and web-based resources.	Superintendent, Building Principals, Director of Technology, Curriculum Director, Technology Committees, Teachers Local Business Partnerships	2012-2015 -Ongoing		TBD

Goal 2: Ensure sustained educator preparation and development in the use of technology that is standards-based, meaningful, and engaging.				
Objective 2.2: Create a collaborative environment that nurtures small, personalized and sustainable learning communities for students and staff.				
Strategies	Staff Responsibility	Timeline	Cost/Funding Source	Evaluation
1. Provide opportunities for teacher participation in meeting structures such as Cadres, Study Groups, Mentoring and Collaborative Grade Level PLCS and Department Design meetings that foster and support technology integration.	Superintendent, Building Principals, Director of Technology, Curriculum Director, Technology Committees, Teachers	2012-2015 -Ongoing		Attendance and collaboration in meetings; integration of technology into content

Strategies	Staff Responsibility	Timeline	Cost/Funding Source	Evaluation
2. Create a forum for regularly sharing best practice lessons, resources, and BCS staff portal for examples of classroom initiatives.	Superintendent, Building Principals, Director of Technology, Curriculum Director, Technology Committees, Teachers	2012-2015 -Ongoing		Acquisition of best practice lessons in repository, Forum discussions

Goal 2: Ensure sustained educator preparation and development in the use of technology that is standards-based, meaningful, and engaging.				
Objective 2.3: Increase the effective use of technology as a tool to design, deliver, and evaluate meaningful and engaging learning experiences for students.				
Strategies	Staff Responsibility	Timeline	Cost/Funding Source	Evaluation
1. Expand time and opportunity to facilitate technology integration.	Administrators, Superintendent	2012-2015 - Ongoing		Increased time allotment for planning integrated lessons, effective use of PLCs.
2. Increase time students have access to technology equipment each day.	Administrators, Teachers	Ongoing		Increase in the utilization of technology as a tool for daily instruction.
3. Provide appropriate technology for special needs students to maximize their educational opportunities.	Administrators, Teachers, Media Specialists, Special Education Staff	Ongoing		Inclusions of technology use in IEP team meetings, assistive technology meetings, evidence of new assistive tools in classroom instruction.

Goal 3: Build a strong foundation of leadership, administration and services that support exceptional teaching and learning through the integration of technology.				
Objective 3.1: Empower leadership among staff, students, and community to develop a clear vision of integration of technology in all teaching and learning.				
Strategies	Staff Responsibility	Timeline	Cost/Funding Source	Evaluation
1. Communicate information regarding technology planning to all stakeholders.	Superintendent, Building Principals, Director of Technology, Technology Committees	2012-2015, Ongoing		Email correspondence, meeting agendas, online response forms - Googledocs
2. Ensure ongoing evaluation of technology integration strategies.	Superintendent, Building Principals, Director of Technology, Technology Committees	2012-2015		Evaluation results.
3. Develop models of peer collaboration and teacher leadership.	Technology Committees	2012-2015		Leadership opportunities created; evidence of peer collaboration and sharing best practices.
4. Training for district technicians and school media specialists to ensure proficiency in technical skills and additional training as needed.	Superintendent, Building Principals, Director of Technology, Technology Committees	2012-2015		Increased technical knowledge and skills; staff is able to maintain systems and machines.
5. Provide additional training and support for media specialists.	Superintendent, Building Principals, Director of Technology, Technology Committees	2012-2015		Conduct training as needed with district staff members.

Goal 3: Build a strong foundation of leadership, administration and services that support exceptional teaching and learning through the integration of technology.				
Objective 3.2: Provide hardware/software necessary to support the learning environment for students.				
Strategies	Staff Responsibility	Timeline	Cost/Funding Source	Evaluation
1. Meet annually with appropriate district personnel to review programmatic needs.	Superintendent, Building Principals, Director of Technology, Technology Committees	Ongoing		
2. Continue to expand capabilities through online resources – website, shared tools, open sources	Director of Technology, Administrators, Technology Committees			
3. Continue to integrate personnel and payroll services through online capabilities including web site links and tools.	Director of Technology, Central Office Staff			
4. Investigate new forms of technology, including hardware, software, online resources, and pilot projects.	Superintendent, Building Principals, Director of Technology, Technology Committees			

Goal 4: Ensure a progressive, stable and robust infrastructure for technology that supports the educational vision of the Blair Community Schools.				
Objective 4.1: Provide a physical support structure that optimizes the use of technology.				
Strategies	Staff Responsibility	Timeline	Cost/Funding Source	Evaluation
1. Maintain and upgrade servers that anticipate demands from communication services, curricular and administrative data.	Director of Technology	Ongoing		Change in servers as needs arise.
2. Maintain hardware and software inventory by total acquisition and by building. (See appendix.)	Director of Technology	Ongoing		Updates conducted annually
3. Actively plan for technological environment, including but not limited to electrical power, wired LAN and wireless LAN. (See appendix.)	Director of Technology	Ongoing		Collaborative discussions with local and outside district peers; implementation when need arises.
4. Investigate possible cost-effectiveness measures within the technology framework to reduce costs. (See appendix.)	Director of Technology, Associate Superintendent	Ongoing		Decisions for most efficient, cost effective solutions
5. Integrate user-authentication across multiple district applications.	Director of Technology	Ongoing		Efficient authentication of user accounts.
6. Investigate options for possible implementation of data warehousing.	Director of Technology, Administration	Ongoing		Decisions for most efficient, cost effective system.

Goal 4: Ensure a progressive, stable and robust infrastructure for technology that supports the educational vision of the Blair Community Schools.				
Objective 4.2: Establish effective policies and procedures for accessibility to district technology.				
Strategies	Staff Responsibility	Timeline	Cost/Funding Source	Evaluation
1. Establish a uniform system for all schools to acquire and upgrade hardware and software. (See appendix.)	Director of Technology, Technology Committees	Spring 2012		
2. Develop and adhere to a uniform obsolescence procedure for all school hardware. (See appendix.)	Director of Technology, Technology Committees, Administrators	Ongoing		
3. Modify acceptable use policy that plans for advances in technology as needed.	Director of Technology, Technology Committees, Administrators	Yearly		
4. Modify acceptable use policy that allows for parents, community members, and auxiliary staff to access the district network.	Director of Technology, Technology Committees	2012-2015		
5. Develop an acceptable use policy that defines the efficient use of server space.	Director of Technology.	2012-2015		