

St. Albert the Great School Technology Plan 2008-2010

2007-2008 TECHNOLOGY COMMITTEE

Michelle Gross, Chair, Technology Coordinator
Tom Brownfield, Principal
Ann Graber, Technology Education Specialist
Theresa Basch, Technology Education Aide
John Farinelli, Parishioner
JoAnne Gawlik, Teacher, Grade 5
Patsy Gettens, BCL
Terri Kaminski, Teacher, Grade 3
Len Krause, Parishioner
Thomas Litwinowicz, Teacher – Math, Grades 7 & 8
Mark Margevicius, Parent
David Waluse, BCL
Ken Weiss, Parishioner
Doug Wright, Parent
Rick Zamora, Parent
Kathy Zamborsky, Parishioner

Recognizing the importance of technology planning for effective technology management and implementation, and given the rapid advances in technology and education, the following document represents our plans for the 2008-2009 and 2009-2010 school years. The technology committee will review and revise this plan as needed on a regular basis, incorporating new ideas and technology as deemed beneficial. Therefore, these plans represent a “living” document that will guide the school’s use of technology as we seek to meet our overall mission. It should be noted that the school recently revised both its mission and its school improvement plan, both of which this technology plan has been developed to support and complement.

VISION / MISSION

Our vision/ mission is to use technology to support our overall school mission and school improvement efforts.

We are specifically seeking to support the school’s mission to:

- work with families (Co-Partnering)
- to educate each child (Academics)
- to know and live the Catholic faith (Faith)

St. Albert the Great School Technology Plan 2008-2010

- and to continue life-long learning (Life-Long Learning)

Correspondingly, we are also seeking to support the school's improvement plan and process by:

- promoting an understanding of Catholic Social Justice Principles through student centered service to others (Service)
- facilitating improved written communication in all curricular areas (Writing)

To this end, seven specific Technology Goals have been articulated and detailed, with specific action plans aligned to each in the Technology Plan Matrix.

1. To use technology to support the school's mission to work with families.
2. To use technology to support the school's mission to educate each child and to continue life-long learning.
3. To use technology to support the school's mission to educate each child to know and live the Catholic faith.
4. To use technology to support the school's improvement plan to promote an understanding of Catholic Social Justice Principles through student centered service to others.
5. To use technology of support the school's improvement plan to facilitate improved written communication in all curricular areas
6. To use technology to automate administrative tasks and provide administrative decision support.
7. To provide faculty and staff with appropriate in-service to effectively use technology as an instructional tool.

VISION FOR TECHNOLOGY-BASED LEARNING AT ST. ALBERT THE GREAT SCHOOL

The committee has a specific vision related to the implementation of technology as the basis for learning at this school in the future. All elements of this plan are designed to not only meet the school's overall mission and school improvement plan, but also to work toward this ever-changing vision. At this time, we envision learning in the future to include the following:

St. Albert the Great School Technology Plan 2008-2010

- Internet connectivity for each child at all times, potentially with student “owned” laptops and improved wireless technology. The basic vision is that each student will primarily use and learn technology in the regular classroom, with support and additional learning experiences provided by the Computer Education Specialist. At this time, students attend “computer class” in the lab, however, as we move toward a “one-to-one” environment, technology based experiences and education will fully occur in the classroom. It should be noted that the Diocesan Technology Curriculum requires that technology be fully integrated into the classroom, with the understanding that ALL teachers are responsible for teaching and using technology with their students. (1)
- Activboard and projector installations in each classroom to allow for collaborative Internet interactivity. This element of the plan has been completed as an installation; however we recognize a need for continual teacher training to ensure that these resources are effectively used. We envision a dramatic change in the way that our students learn using the Activboards. There will be regular incorporation of multi-media and use of Internet resources using the Activboard, thereby best responding to the educational needs of today’s “digital native” students. (2)
- Internet delivered content as the “core” learning source as opposed to the current model of using the Internet as a “supplement” to the text and other learning materials (3)
- Readily available video conferencing allowing for world-wide real-time connectivity (4)
- Individualized instruction with the teacher as “coach” rather than imparter of knowledge. (5)
- Technology based student products, with students using technology as “readily as a pencil”; multi-media student products including the use of digital video, digital audio, and pod-casting technology. We envision student driven learning, with students producing individually selected end-products reflecting and summarizing their learning. (6)
- Regular use of Internet/CD “textbook” interactive learning tools (7)
- Technology implementation to improve student-teacher-parent communication, including Internet posting of grades, report cards, homework, and general communications; use of microphones and other effective student-teacher communication facilitators (8)
- Appropriate management tools to monitor student Internet activity to ensure student safety (9)
- Continual teacher support and professional development, including effective use of on-line professional development opportunities (10)

St. Albert the Great School Technology Plan 2008-2010

- Use of appropriate technology to streamline and improve school administration in order to best support the school's mission and focus (11)

FOCUS ON STUDENT ACHIEVEMENT / GOALS, OBJECTIVES, AND ACTION PLANS

The core of this plan is a focus on student learning. A detailed description of the Diocesan Technology Curriculum by grade level is available, however, due to copyright restrictions, it cannot be published as part of this plan. This curriculum is aligned to both the Ohio Department of Education's *Academic Content Standards for Technology* (adopted in the summer of 2005) and the International Society for Technology in Education's *National Educational Technology Standards*. This Technology Curriculum is also based on the Catholic Social Justice Teachings, the Goals of Catholic Education, and the Rights of Children (Catholic Diocese of Cleveland Technology Curriculum, 2007, page 8).

Student lesson plans prepared and presented by the Computer Education Specialist are based on student acquisition of these specific skills addressing the following strands: Social, Ethical, Human and Catholic Issues in Technology, Technology for Productivity, Technology for Communication, and Technology for Information and Research.

In addition to student achievement within the confines of the Computer Education class, students use and will continue to use technology within all other elements of the education process. As described in the vision section of this document, our primary focus is to work toward technology education and implementation in all elements of the educational process. This vision is supported by the Diocesan vision that requires shared responsibility by all teachers for technology implementation and learning. Ultimately, it is envisioned that students will have access to a computer at all times on a one-to-one basis, and a technology lab will not be needed. Instead, the Computer Education Specialist would work with the students and the classroom teachers directly in the classroom to provide curriculum integrated technology experiences. Until that goal is realized, all teachers will incorporate technology into the classroom and will share responsibility for "technology education".

Our specific goals, objectives, and action plans are detailed in the attached Technology Plan Matrix. These plans include not only direct student learning experiences, but also incorporation of technology in student educational support, for example, using technology to improve school stakeholder communication. As detailed above, these plans are reviewed and revised by the technology committee on a regular basis. Again, all plans are geared toward also achieving the overall vision of technology-based learning outlined above.

PROFESSIONAL DEVELOPMENT ACTIVITIES

St. Albert the Great School Technology Plan 2008-2010

A key element of this plan is professional development. Faculty and staff must be provided with both formal and informal instruction and support to ensure that technology is truly used to support student learning and achievement. The primary focus of the Technology Coordinator's position is to support teacher use of technology in the classroom. Detailed professional development plans are found in the attached Technology Plan Matrix. It should be noted that this matrix provides professional development plans not only as a separate topic, but also as a part of each individual goal and/or objective. This will ensure that all elements of our plan consider faculty and staff impact and provide for appropriate professional development activities to ensure successful implementation.

NEEDS ASSESSMENT / INFRASTRUCTURE PLAN

As of June 2008, our present technological configuration essentially includes an iMac computer lab with 36 networked OS X computers and a laser printer, an OS X server, two networked iMac (OS 9) computers in each regular classroom, at least one printer in each classroom, a minimum of one networked MacBook computer in each specialist classroom, four networked iMac computers and a printer for student use in the school library, and a number of computers and printers for administrative / mobile unit (support staff) use. In addition, each teacher has a MacBook laptop for professional use, three laptops are used for administrative purposes, and 96 laptops are available on four charging carts for student use. Each classroom also has an additional iBook laptop for student use, with plans to ultimately put these into carts as additional computers become available. Both the school infirmary and the cafeteria have laptops. All laptops have wireless connection to the Internet and our network. A second server manages administrative data, with a third managing the school's library cataloging system. The servers are backed up to tape on a nightly basis, as well as to a secondary internal hard drive for the main server. In addition, we use external servers based at LNOCA for our student information system (DASL/ProgressBook) as well as external servers for several web-based applications. Our primary security system uses Fool Proof software for OS 9 machines, with the OS X machines handled through the built-in security functions. The school building is fully wireless, with a recent upgrade to increase speed and performance.

Other technology present in the school includes four scanners, two fax machines, a phone communications system, and televisions in each classroom, all of which are linked to an in-house broadcast network to allow for all classrooms to simultaneously view the same live, computer, television, VCR or DVD presentation. All classrooms except for the gym have overhead projectors and Activboards installed, and as of September 2008, these will all be hooked to the in-house broadcast system as well, allowing for "big screen" viewing. Classrooms also have VCR machines, with plans to upgrade all to have DVD machines as well by September 2008. Many classrooms also have slide projectors. Besides the mounted projectors, the school also has two portable projectors, and one of the classrooms (the computer lab) has a portable Activboard for ease of viewing in other venues. Several classrooms have

St. Albert the Great School Technology Plan 2008-2010

“Phonic Ear” speaker systems, and all classrooms have at least a speaker system hooked to the Activboard system. It should also be noted that the school has a wide range of software, including word processing, database, spreadsheet, presentation, desktop publishing, and other applications. We use Microsoft Office as our main productivity software package. We use the iLife products including Garage Band, iTunes, iMovie, iPhoto, iDVD and iWeb for various student projects. The school also subscribes to a .Mac account for publication of student products such as podcasts. As of June 30, 2008, all of the school’s computers will be linked to the Internet via Time Warner cable, thus replacing LEECA as our T1 provider. This conversion was made to both reduce costs and double speed. An in-house Sonic Wall system will provide Internet filtering, Internet related virus protection, and firewall protection. The school also maintains a sophisticated website, with all teachers using ProgressBook to publish all grades, homework messages, report cards, links, etc. The website includes publication of school summary ITBS and CoGAT data, as well as our Blue Ribbon applications and our School Improvement Plans. All faculty and staff communicate via e-mail, and the school also has a comprehensive public address system. A number of digital cameras are available for use in the classroom, and we have three digital camcorders. Students daily broadcast a live morning news show, using the camcorders for production. Three of the classrooms, specifically those that provide mathematics education for grades five through eight, have the software and related hardware for the Accelerated Math program, although they are not using this at this time. Students also use a web-based Accelerated Reading program and have access to this software through any of the school’s networked computers. Parents and students have access to the Accelerated Reader results through any computer with web access, however, testing is limited to our network for test control purposes. Our library has a fully computerized card catalog and circulation system.

At the present time, our computer staff includes one full-time computer specialist, a part-time technology coordinator, and a part-time classroom aide. Although this staff addresses basic technical needs, additional support is provided by BCL, Basic Computer Learning, an outside contractor.

As mentioned above, the school uses ProgressBook and DASL as the web based gradebook, student information system and student/parent/teacher/administration communication system. This software is purchased through and managed by LNOCA and is Internet based. These programs allow for on-line posting of grades, effective attendance and student data management, and archiving of student data. The Progress Book parent/student interface allows for secure posting of student information and key school communications. The school has elected to significantly limit paper communications by effectively using the provided online tools.

It should be noted that the technology committee determined that maintaining one operating system environment would be more beneficial and cost effective. Therefore, we elected to remain a “Mac shop” rather than convert to Windows. However, there are three Windows machines used for administrative purposes. These were donated by a generous benefactor and

St. Albert the Great School Technology Plan 2008-2010

have been very useful with certain components of the DASL system that are more Windows friendly.

At this point, we are continuing to work toward the vision of improving student connectivity by purchasing additional laptops as funding becomes available. We recently upgraded electrical capacity to ensure that the building infrastructure can support the additional electrical requirements presented by the technology upgrades. The electrical capacity will need to be monitored as additional technological improvements are made. One ultimate consideration in evaluating a one-to-one scenario is the need for additional laptop batteries that will be “swapped” as needed, with charging completed at each student’s residence rather than at the school. This will potentially reduce the drain currently presented on our electrical capacity. At this time, we are purchasing laptops in small increments, however, should a one-to-one scenario become possible, impacts on our electrical capacity must be considered.

Given our slow pace at implementing laptops, we must have one more lab upgrade which is planned for the 2008-2009 school year. After careful consideration, the technology committee has elected to replace the current lab with new desktops rather than laptops. The current lab desktops will be distributed throughout the school to replace some of the outdated OS 9 machines in the classrooms, library and mobile unit. This will allow for up-to-date iLife software and web-based applications for our student products, increasing student productivity, and as always, teachers will be encouraged to use the lab when it is not already in use. At the same time, new laptops and charging carts will be purchased for student use in the classrooms as funds become available.

We plan to continue to use BCL as our primary contractor for support and purchase of technology-based equipment. We have a maintenance contract providing for annual system maintenance, repair and updates.

BUDGET AND FUNDING PLANS

The attached Technology Plan Matrix addresses each plan element’s individual budget and funding plan. Specifically, we anticipate that funding resources will include auxiliary funds, grant funding, PTO funds, endowment fund allocations, and general school funds. As is always the case, our plans will be limited by available funding sources. Every effort will be made to secure appropriate funds in a timely manner to ensure effective plan implementation.

We have considered increasing tuition to provide for a one-to-one student computer “ownership” scenario, however, that has been tabled at this time for future evaluation given the current economy and area school closings. A limited technology fee has been implemented. Further consideration of the one-to-one scenario will be dependent upon upper level management influence, direction, and ultimate decision-making regarding funding sources. It is key that this be carefully considered with regard to enrollment and other cost impact. It is not envisioned that

St. Albert the Great School Technology Plan 2008-2010

a one-to-one scenario will be implemented in full by 2010, the extent of this planning document, however, at all times, ultimate implementation of this vision will direct decision making during the 2008-2010 time period covered by this plan. As discussed previously, given the slow pace of our laptop acquisition, funding will be allocated for a lab upgrade prior to the acquisition of additional laptops.

EVALUATION AND ASSESSMENT STRATEGIES

In order to best respond to the rapidly changing world of educational based technology, the technology committee will review and revise these plans on a regular basis, adding new items and changing plans as deemed appropriate.

Evaluation of student achievement and learning within the Computer Education class will be measured through successful demonstration of those skills detailed in the Diocesan Technology Curriculum and Graded Course of Study. Student achievement using technology within the regular classroom will be determined by the classroom teacher, with support provided by the school's technology department as requested.

ST. ALBERT THE GREAT SCHOOL TECHNOLOGY PLAN MATRIX

Tech Goal 1: To use technology to support the school's mission to work with families.

Correlation to Technology Mission / Vision	Tech Goal	Action Plans	Timeline	Hardware and Software Needs	Budget	Possible Funding Sources	Professional Development Plan	Evaluation and Assessment	Responsible Personnel	Status
Co-Partnering, Academics, 8,11	1	Continue to use ProgressBook as main means of Student /Parent /Teacher/ Administration communication. Attempt to eliminate all possible paper communication as a means of good "earth stewardship" and implementation of "green" policies. Implement new features as they become available.	2008-2009 2009-2010	Present hardware is sufficient unless software upgrades dictate otherwise. Continue to purchase DASL/Progress Book web software from LNOCA.	At this time, cost of \$10 per student. May increase annually.	Auxiliary Funds; Technology Fee	Continue to offer Professional Development to faculty and staff regarding use of the software and additional features as they become available. Consider offering parent "professional development" on use of their "piece" of the software.	To date, Progress Book has proven to meet all needs. Should it no longer do so, the school will need to re-evaluate use of this product. ProgressBook has indicated that a number of improvements are on the horizon, and will continue to improve their product.	Principal; Technology Department	On-going; In process.
Co-Partnering, Academics, 8,11	1	Promote use of teacher "homepages" in ProgressBook for posting general policies, pictures, etc.	2008-2009	Present hardware is sufficient unless software upgrades dictate otherwise. Continue to purchase DASL/Progress Book web software from LNOCA.	Cost is part of school's fees as designated by LNOCA.	Auxiliary Funds; Technology Fee	Offer Professional Development to faculty on use of this feature. Consider offering "professional development" to parents as part of overall ProgressBook Parent Access Training.	Survey faculty to determine effectiveness in using homepages.	Principal; Technology Department	To be addressed during the 2008-2009 school year.
Co-Partnering, 8,11	1	Eliminate monthly newsletter by more effectively using School Tab on ProgressBook. Encourage all parents to login on a regular basis.	2008-2009	Present hardware is sufficient unless software upgrades dictate otherwise. Continue to purchase DASL/Progress Book web software from LNOCA.	Cost is part of school's fees as designated by LNOCA.	Auxiliary Funds; Technology Fee	Offer training as needed to administrative staff on using the "School Tab". Offer parent training as needed and described above.	During annual school surveys, survey parents as to effectiveness of using "School Tab" for information as opposed to monthly newsletter.	Principal; Administrative Staff	To be addressed during the 2008-2009 school year.

ST. ALBERT THE GREAT SCHOOL TECHNOLOGY PLAN MATRIX

Correlation to Technology Mission / Vision	Tech Goal	Action Plans	Timeline	Hardware and Software Needs	Budget	Possible Funding Sources	Professional Development Plan	Evaluation and Assessment	Responsible Personnel	Status
Co-Partnering, 8,11	1	Provide easy access to all forms on ProgressBook website.	2008-2009	Present hardware is sufficient unless software upgrades dictate otherwise. Continue to purchase DASL/Progress Book web software from LNOCA.	Cost is part of school's fees as designated by LNOCA.	Auxiliary Funds; Technology Fee	Offer training as needed to administrative staff on using the Parent Access component for uploading forms. Offer parent training as needed and described above.	During annual school surveys, survey parents as to effectiveness of using ProgressBook for forms retrieval.	Principal; Administrative Staff	To be addressed during the 2008-2009 school year.
Co-Partnering, 8,11	1	Provide website directory with links to teacher e-mail addresses to provide easy communication. Potentially consider posting this directory within ProgressBook only to ensure teacher privacy. Encourage teachers to post e-mail address in ProgressBook to enable access for their direct students and parents.	2008-2009	Present hardware is sufficient unless software upgrades dictate otherwise. Continue to purchase DASL/Progress Book web software from LNOCA.	No additional fees are anticipated.	n/a	Support teachers on how to post e-mail address in ProgressBook.	During annual school surveys, survey parents and teachers as to effectiveness of e-mail address posting.	Principal; Administrative Staff; Technology Staff	To be addressed during the 2008-2009 school year.
Co-Partnering, Academics, 8,11	1	Continue to provide Accelerated Reader Parent Access tools on-line, including access to Accelerated Reader booklist on main webpage for the general public.	2008-2009 2009-2010	Use current OS X machines to access; not easily available on OS 9 machines	No added cost for the Parent Access beyond that already paid for the web-based Accelerated Reader product.	n/a	Provide parent access codes in a letter at the beginning of the school year, providing parent support as needed.	n/a	Technology Staff	On-going; In process.
Co-Partnering, Academics, 8,11	1	Implement STAR Reading web-based component of the Accelerated Reader program, including parent reporting features.	2008-2009	Must implement as upgrade to new desktops in lab is completed. Will lose capability for current STAR Reading tests with new Intel based machines.	The present cost of this upgrade is \$.49 per student, with an expected increase of up to \$1.00 per student.	Auxiliary Funds	Provide teacher training on how to read web-based results and use with Accelerated Reader program. Test administration will remain function of computer lab personnel to ensure test integrity.	n/a	Technology Staff	To be addressed during the 2008-2009 school year.

ST. ALBERT THE GREAT SCHOOL TECHNOLOGY PLAN MATRIX

Correlation to Technology Mission / Vision	Tech Goal	Action Plans	Timeline	Hardware and Software Needs	Budget	Possible Funding Sources	Professional Development Plan	Evaluation and Assessment	Responsible Personnel	Status
Co-Partnering, Academics, 3,7,8,11	1	Provide on-line educational resources for families, including information on "cyber safety".	2008-2009 2009-2010	Use present Dreamweaver, TeacherWeb, and ProgressBook software for online updates.	Dependent upon cost of on-line resources. Many resources are available free of charge.	Auxiliary Funds	Provide teacher, student, and parent professional development as needed to ensure appropriate use of new web educational resources.	n/a	Technology Staff	On-going; In process.
Co-Partnering, Life-Long Learning, 9	1	Provide outside speaker to reinforce importance of "cyber safety" to all of our parents and teachers.	2008-2009	n/a	Dependent upon cost of selected speaker.	School Funds	Inherent Professional Development Opportunity	Survey attendees as to program value and effectiveness	Administration; Technology Staff	To be addressed during the 2008-2009 school year. Will consider selecting Andrew Obuchowski, speaker at Ohio Chief's of Police Conference in 2007. Mr. Obuchowski was unable to present to us during the 2007-2008 school year, but should be considered for future presentations.
Co-Partnering, Life-Long Learning	1	Provide parent / community technology training during after school hours, thereby creating home/school link for technology curriculum.	2008-2009 2009-2010	n/a	n/a	n/a	Inherent Professional Development Opportunity	Survey attendees as to program value and effectiveness	Technology Staff	To be addressed during 2008-2009 and 2009-2010 school years.
Co-Partnering, Academics, Life-Long Learning, 1, 3,6,7	1	Research, recommend and implement new Internet based educational sources and Internet/CD "textbook" interactive learning tools to address parent concerns regarding weight of backpacks with paper textbooks.	2008-2009 2009-2010	To be determined	To be determined	Auxiliary Funds, School Funds	Train teachers, students and parents as needed on new tools.	Effectiveness of tools will be assessed by classroom teachers with regard to student learning.	Technology Staff; Administration; Classroom Teachers	To be addressed during 2008-2009 and 2009-2010 school years.

ST. ALBERT THE GREAT SCHOOL TECHNOLOGY PLAN MATRIX

Tech Goal 2: To use technology to support the school's mission to educate each child and to continue life-long learning.

Correlation to Technology Mission / Vision	Tech Goal	Action Plans	Timeline	Hardware and Software Needs	Budget	Possible Funding Sources	Professional Development Plan	Evaluation and Assessment	Responsible Personnel	Status
Academics, Life-Long Learning, 3, 5, 6, 7	2	Facilitate student learning and achievement of computer, information and technological literacy by meeting/exceeding established Diocesan Technology Curriculum requirements.	2008-2009 2009-2010	Current configuration and hardware acquisition plans meet established needs.	n/a	n/a	Provide support to faculty for curriculum integration at grade level as dictated by requirements.	Student learning will be evaluated by both classroom teachers and Technology Specialist. Rubrics and checklists of student products, as well as oral/written testing and observations will be used to assess student learning.	Classroom Teachers, Non-Technology Specialists, Computer Education Specialist are all responsible for student literacy per Diocesan directive.	On-going; In-process. All teachers were provided with Diocesan Technology Curriculum requirements and are required to reflect technology integration in all subject areas in web-based Curriculum Maps.
Co-Partnering, Academics, Faith, Life-Long Learning, 1,9	2	Provide outside speakers to reinforce importance of "cyber safety" to all of our students. Include college students as speakers.	2008-2009 2009-2010	n/a	To be determined	To be determined	Inherent Professional Development Opportunity for Faculty and Staff in attendance	Evaluate student learning of concepts through oral/written testing, student work product and observation.	Administration, Technology Staff	To be addressed during 2008-2009 and 2009-2010 school years.
Academics, Life-Long Learning, 3, 5, 6, 7	2	Create and support a "Technology Club", possibly centered on entering a "Web Contest" to provide a supervised extra-curricular technology based experience for interested students.	2009-2010	Current configuration and hardware acquisition plans meet established needs.	n/a	n/a	n/a	Evaluate student learning of concepts through student work product and observation.	Technology Staff with invitation to classroom teachers to participate in this extracurricular activity	To be addressed during 2009-2010 school year.
Co-Partnering, Academics, Life-Long Learning, 3, 5, 6, 7, 8, 9, 11	2	Explore use of Moodle for development and implementation of online courses, thereby allowing for teacher directed web-based learning outside of the regular classroom. Must be considered as option in relation to school crisis plan.	2009-2010	May need to install Moodle software on all computers; possibly self-host or consider web-based hosting; additional needs to be determined.	To be determined	To be determined	Provide training to faculty, staff, students and parents on use of Moodle.	Student learning will be evaluated by both classroom teachers and Technology Specialist. Rubrics and checklists of student products, as well as oral/written testing and observations will be used to assess student learning.	Administration, Technology Staff, Classroom Teachers	To be addressed during 2009-2010 school year.

ST. ALBERT THE GREAT SCHOOL TECHNOLOGY PLAN MATRIX

Correlation to Technology Mission / Vision	Tech Goal	Action Plans	Timeline	Hardware and Software Needs	Budget	Possible Funding Sources	Professional Development Plan	Evaluation and Assessment	Responsible Personnel	Status
Co-Partnering, Academics, Faith, Life-Long Learning, Writing, 3, 5, 6, 7, 9, 11	2	Research, recommend and implement Web 2.0 tools including blogging, podcasting, use of wikis, etc. in both the general school, the Computer Education Classes and the general classroom	2008-2009 2009-2010	To be determined.	To be determined.	To be determined.	Provide training to faculty, staff, students and parents on use of specific Web 2.0 tools.	Student learning will be evaluated by both classroom teachers and Technology Specialist. Rubrics and checklists of student products, as well as oral/written testing and observations will be used to assess student learning.	Administration, Technology Staff, Classroom Teachers	Currently using a wiki for Technology Inventory. Students used blogs in Computer class during 2007-2008 school year. Students created podcasts in Music class during 2007-2008 school year, which are currently published on school's .Mac account. Continue to pursue additional use of Web 2.0 tools during 2008-2009 and 2009-2010.
Co-Partnering, Academics, Faith, Life-Long Learning, 3, 5, 6, 7, 8, 9, 11	2	Promote use of nicenet.org for student/teacher communications. This easy to use tool can provide a vehicle for a basic on-line classroom discussion tool, thereby promoting out-of-class discussion of relevant topics.	2008-2009 2009-2010	No additional hardware or software are required.	n/a	n/a	Provide training to staff as needed on implementation of nicenet. All faculty have used as internal discussion vehicle.	Student learning will be evaluated by both classroom teachers and Technology Specialist. Rubrics and checklists of student products, as well as oral/written testing and observations will be used to assess student learning.	Administration, Technology Staff, Classroom Teachers	Currently have used nicenet.org as forum for teacher discussion and for Education Committee communications. Will pursue classroom use of tool during 2008-2009 and 2009-2010 school years.

ST. ALBERT THE GREAT SCHOOL TECHNOLOGY PLAN MATRIX

Correlation to Technology Mission / Vision	Tech Goal	Action Plans	Timeline	Hardware and Software Needs	Budget	Possible Funding Sources	Professional Development Plan	Evaluation and Assessment	Responsible Personnel	Status
Academics, 1,3,5,6,7,9	2	Upgrade present computer lab with new desktops, replacing some of the classroom, library and mobile unit OS 9 machines with present OS X computers from lab.	2008-2009	Purchase all new desktops and associated software for lab; move current computers into classrooms, library and mobile unit as needed.	To be determined	Auxiliary Funds, Endowment fund allocation	Provide training to faculty, staff and students as needed with regard to difference in operating system.	n/a	Technology Staff	Decision was made by Technology Committee to purchase Desktops for lab rather than laptops; have requested quote from BCL for project. Will purchase in 2008-2009 as funds become available.
Academics, Life-Long Learning, 1,3,4,5,7,9	2	Continue to expand number of laptops available to students. Pursue one-to-one program, recognizing financial limitations.	2008-2009 2009-2010	Purchase laptops and carts as funds are available.	To be determined	Auxiliary Funds, Endowment fund allocation	Provide training to faculty, staff and students as needed with regard to difference in operating system.	n/a	Technology Staff	Will be addressed in 2008-2009 and 2009-2010 as funds become available
Academics, 1, 3, 5, 6, 7, 8, 11	2	Provide additional computer access, more than likely laptops, for the mobile unit staff to encourage their use of computer tools with students.	2008-2009 2009-2010	Purchase computers for mobile unit staff. Consider laptops in addition to moving any available desktops to the mobile unit.	To be determined	Auxiliary Funds, Endowment fund allocation	Provide training to mobile unit personnel on new operating system and computer use as needed.	n/a	Administration, Technology Staff	Will be addressed in 2008-2009 and 2009-2010 as funds become available
Co-Partnering, Academics, Life-Long Learning, 3, 5, 6, 7	2	Continue to use web-based educational resources, including unitedstreaming, Accelerated Reader, and others. Continue to research and implement additional resources as they become available.	2008-2009 2009-2010	Use current hardware / software configuration.	To be determined	Auxiliary Funds, Endowment fund allocation	Provide training on new resources as needed. Continue to provide training to faculty on a one-to-one basis.	Use of these resources and their impact on the educational process will be reflected in teacher Curriculum Maps.	All Faculty; Technology Staff	On-going; In-process.
Academics, Life-Long Learning, 2, 5, 6, 7	2	Promote student and teacher use of multi-media tools for individualized learning projects, including iMovie, Garageband, iPhoto, Comic Life and other iLife tools. Continue to use .Mac account for web publication of student work.	2008-2009 2009-2010	Use current hardware / software configuration.	Annual .Mac fee.	School Funds, Auxiliary Funds	Provide training on new resources as needed. Continue to provide training to faculty on a one-to-one basis.	Use of these resources and their impact on the educational process will be reflected in teacher Curriculum Maps.	All Faculty; Technology Staff	On-going; In-process. Will request that Music Teacher shares information on .Mac account with other school personnel.

ST. ALBERT THE GREAT SCHOOL TECHNOLOGY PLAN MATRIX

Correlation to Technology Mission / Vision	Tech Goal	Action Plans	Timeline	Hardware and Software Needs	Budget	Possible Funding Sources	Professional Development Plan	Evaluation and Assessment	Responsible Personnel	Status
Co-Partnering, Life-Long Learning, Service	2	Provide parent / community technology training during after school hours, thereby modeling life-long learning and service.	2008-2009 2009-2010	Use current hardware / software configuration.	n/a	n/a	Invite faculty to participate in program as desired.	Use inetsurvey to evaluate effectiveness of program.	Technology Staff	To be addressed.
Academics, Writing, 3, 5, 6, 7	2	Research and implement use of individualization software applications, including graphic organizers, voice recognition software, software to address student disabilities, etc.	2009-2010	Use current hardware configuration. May need to use new software, possibly web-based.	To be determined	Auxiliary Funds, Endowment fund allocation	Provide training on new resources as needed. Continue to provide training to faculty on a one-to-one basis.	Use of these resources and their impact on the educational process will be reflected in teacher Curriculum Maps.	Administration; Faculty; Technology Staff	To be addressed.
Academics, Life-Long Learning, 6, 11	2	Continue to promote and support in-house broadcast program, expanding broadcasting opportunities to include showcasing student research work, etc.	2008-2009 2009-2010	Use current hardware / software configuration.	n/a	n/a	Provide appropriate training to broadcast team staff as required.	Media components and impact on student learning should be reflected in Curriculum Maps of personnel involved with broadcasting programs.	Administration; Technology Staff; Faculty; Library Staff	On-going; In-process.
Academics, Writing, 1, 3, 5, 6, 7	2	Continue to promote and provide lab access for instructional use when not being used by Computer Education Specialist. This will increase computer availability for students until a one-to-one ratio is established.	2008-2009 2009-2010	Use current hardware / software configuration.	n/a	n/a	Provide instruction to faculty on use of lab on one-to-one basis as requested.	Use of lab resources and curriculum integration will be reflected in teacher Curriculum Maps.	Administration; Technology Staff; Faculty (will use lab)	On-going; In-process.
1, 9	2	Monitor and upgrade Internet access, increasing speed as allowed by the financial constraints. Include appropriate Internet filtering and monitoring tools.	2008-2009	New hardware / software has been purchased for implementation during the summer of 2008.	Annual fees as determined by contract with Sonic Wall and Time Warner	Auxiliary Funds, Endowment fund allocation	Train appropriate personnel on use of filtering and monitoring tools.	Periodically test Internet speed; survey faculty and students as to satisfaction with new Internet connection.	Technology Staff	Change-over to new Internet access with Time Warner to occur before 6/30/08. Implementation of new filtering tools to occur before beginning of 2008-2009 school year.
Academics, Life-Long Learning, 6, 11	2	Research, purchase and implementation of other technology-based educational items such as computerized microscopes, additional Activotes, etc.	2008-2009 2009-2010	Purchase as needed.	To be determined	Auxiliary Funds, Endowment fund allocation	Provide instruction to faculty on new resources as needed.	Use of these educational resources and impact on educational process will be reflected in teacher Curriculum Maps.	Technology Staff with Administrative and Faculty input.	To be addressed.

ST. ALBERT THE GREAT SCHOOL TECHNOLOGY PLAN MATRIX

Correlation to Technology Mission / Vision	Tech Goal	Action Plans	Timeline	Hardware and Software Needs	Budget	Possible Funding Sources	Professional Development Plan	Evaluation and Assessment	Responsible Personnel	Status
Co-Partnering, Academics, Life-Long Learning, Writing, 6	2	Consider use of flash drives to allow for student transfer of data from school to home.	2008-2009	Consider school purchase of flash drives or student requirement to supply.	To be determined. Note that expense may be placed totally on student, with individual student purchase.	Auxiliary Funds, Endowment fund allocation	Provide instruction to faculty on use of flash drives as needed.	n/a	Administration, Technology Staff, Faculty	To be addressed.
Academics, Life-Long Learning, 4, 11	2	Research, recommend and implement use of Skype, iChat or other video conferencing tools to allow for real-time world-wide connectivity. Consider possibility of offering additional course options using video conferencing, or at least taking advantage of available real-time "virtual field trips" to support student learning.	2008-2009 2009-2010	Will need to download Skype or other software as needed.	To be determined; may need to consider funds for educational providers for "virtual field trips"	Auxiliary Funds, Endowment fund allocation	Provide instruction to faculty and other personnel in use of video conferencing tools as needed.	Use of these educational resources and impact on educational process will be reflected in teacher Curriculum Maps.	Administration, Technology Staff, Faculty	To be addressed.
Co-Partnering, Academics, Life-Long Learning, 1, 3, 5, 6, 7, 9, 11	2	Consider opening server for outside of school access.	2009-2010	Can use current server; will need to change access and alter software specifications.	To be determined	Auxiliary Funds, Endowment fund allocation	Provide appropriate instruction on server access to faculty and staff	n/a	Administration, Technology Staff, Faculty	To be addressed.
Academics, 2, 3, 10	2	Promote teacher use of Promethean Planet to acquire and edit ready-made flipchart resources as educational resources.	2008-2009 2009-2010	Use current hardware / software configuration.	n/a	n/a	Provide instruction to faculty on use of Promethean Planet as needed. Most faculty have already explored this learning tool.	Use of these educational resources and impact on educational process will be reflected in teacher Curriculum Maps.	Technology Staff	On-going; in process.

ST. ALBERT THE GREAT SCHOOL TECHNOLOGY PLAN MATRIX

Tech Goal 3: To use technology to support the school's mission to educate each child to know and live the Catholic faith.

Tech Goal 4: To use technology to support the school's improvement plan to promote an understanding of Catholic Social Justice Principles through student centered service to others.

Correlation to Technology Mission / Vision	Tech Goal	Action Plans	Timeline	Hardware and Software Needs	Budget	Possible Funding Sources	Professional Development Plan	Evaluation and Assessment	Responsible Personnel	Status
Faith, Life-Long Learning, Service, 3	3,4	Promote use of Catholic Resources on unitedstreaming for religious education purposes, as well as other websites (Diocesan and Vatican sites for example).	2008-2009 2009-2010	Use current hardware / software configuration.	Annual cost of web resources such as united streaming.	Auxiliary Funds, Endowment fund allocation	Provide instruction to faculty on new resources as needed.	Use of these educational resources and impact on educational process will be reflected in teacher Curriculum Maps.	Technology Staff	On-going; in process.
Faith, Life-Long Learning, Service, Writing, 4,11	3,4	Research and implement service related uses of technology, for example, exchanging e-mails with nursing home bound elderly persons or others. Should video conferencing be implemented, consider using that tool for service related experiences.	2008-2009 2009-2010	Use current hardware / software configuration. Consider addition of Skype for video conferencing capability.	n/a	n/a	Provide instruction to faculty on resources as needed.	Use of these educational resources and impact on educational process will be reflected in teacher Curriculum Maps and in School's Service Program OCSAA reports.	Administration; Technology Staff; Faculty	To be addressed.
Faith, Service	3,4	Promote Catholic Social Justice concepts in use of technology, for example, good stewardship.	2008-2009 2009-2010	Use current hardware / software configuration.	n/a	n/a	n/a	Integration of these concepts will be reflected in teacher Curriculum Maps.	Technology Staff; Faculty	On-going; in process.
Faith, Service	3,4	Make us of the in-house broadcast system for school wide Religious activities, such as student led prayer or student created projects related to social justice issues.	2008-2009 2009-2010	Use current hardware / software configuration.	n/a	n/a	n/a	n/a	Administration; Technology Staff; Library Staff	On-going; in process.

ST. ALBERT THE GREAT SCHOOL TECHNOLOGY PLAN MATRIX

Tech Goal 5: To use technology to support the school's improvement plan to facilitate improved written communication in all curricular areas.

Correlation to Technology Mission / Vision	Tech Goal	Action Plans	Timeline	Hardware and Software Needs	Budget	Possible Funding Sources	Professional Development Plan	Evaluation and Assessment	Responsible Personnel	Status
Academics, Life-Long Learning, Writing, 6,	5	Promote student written products using technology based tools, including Microsoft Office, unitedstreaming, and other web-based resources.	2008-2009 2009-2010	Use current hardware / software configuration.	n/a	n/a	Provide instruction to faculty on resources as needed.	Integration of these tools will be reflected in Curriculum Maps; Student products will be included in student portfolios (both server and paper based)	Administration; Technology Staff; Faculty	On-going; in process.
Academics, Life-Long Learning, Writing, 3, 6,	5	Research, recommend and implement Web 2.0 tools including blogging, podcasting, use of wikis, etc.	2008-2009 2009-2010	Use current hardware / software configuration. Open security software to allow for Web 2.0 tools.	n/a	n/a	Provide instruction to faculty on resources as needed.	Integration of these tools will be reflected in Curriculum Maps; Student products will be included in student portfolios (both server and paper based)	Administration; Technology Staff; Faculty	On-going; in process.
Academics, Writing, 6	5	Effectively use student server account as part of student writing portfolio.	2008-2009 2009-2010	Use current hardware / software configuration.	n/a	n/a	Provide instruction to faculty on use of student portfolios as needed.	Student products as stored in portfolio.	Administration; Technology Staff; Faculty	On-going; in process.
Co-Partnering, Academics, Life-Long Learning, Writing, 5, 6	5	Promote development of student produced electronic newsletter, including secure web publication.	2008-2009 2009-2010	Use current hardware / software configuration.	n/a	n/a	Provide instruction to faculty on resources as needed.	Assessment of student learning will be demonstrated by electronic newsletter publication.	Administration; Technology Staff; Faculty; Specific Faculty Coordinator	To be addressed. Request for volunteer faculty coordinator to manage project.
Academics, Life-Long Learning, Writing, 5,6,9,11	5	Research and implement secure student e-mail accounts.	2008-2009 2009-2010	Use available web software to implement secure student e-mail accounts.	To be determined	Auxiliary Funds, Endowment fund allocation	Provide instruction to faculty on use of e mail accounts as needed.	Integration of use of student e-mail accounts will be reflected in Curriculum Maps.	Administration; Technology Staff; Faculty	To be addressed.

ST. ALBERT THE GREAT SCHOOL TECHNOLOGY PLAN MATRIX

Tech Goal 6: To use technology to automate administrative tasks and provide administrative decision support.

Correlation to Technology Mission / Vision	Tech Goal	Action Plans	Timeline	Hardware and Software Needs	Budget	Possible Funding Sources	Professional Development Plan	Evaluation and Assessment	Responsible Personnel	Status
11	6	Provide technology support for student database (DASL) management.	2008-2009 2009-2010	Use current hardware / software configuration.	Annual cost of DASL / ProgressBook as provided by LNOCA	Auxiliary Funds, Endowment fund allocation	Provide support to faculty and staff as needed for DASL.	n/a	Technology Staff	On-going; in process.
Academics, 11	6	Provide assistance for ITBS and CogAT score analysis using technology tools. Implement online access to ITBS and CogAT data.	2008-2009 2009-2010	Use current hardware / software configuration. Will need to access web-based ITBS and CogAT software when available.	At this time, Riverside is to provide online access to ITBS/CogAT info free of charge since we are to be a test school. However, this may ultimately result in a to-be-determined annual fee.	Auxiliary Funds, Endowment fund allocation	Provide support to faculty and staff as needed.	n/a	Technology Staff	On-going; in process. Work with Lee Cicco from Riverside Publishing to establish online access to ITBS and CogAT scores for administrative and faculty use.
11	6	Provide technological support for other statistical database analysis and decision support systems.	2008-2009 2009-2010	Use current hardware / software configuration.	n/a	n/a	Provide support to faculty and staff as needed.	n/a	Technology Staff	On-going; in process.
11	6	Continue to use web-based calendar and ninenet.org for administrative/faculty/staff communications and discussions.	2008-2009 2009-2010	Use current hardware / software configuration.	n/a	n/a	Provide support to faculty and staff as needed.	n/a	Technology Staff	On-going; in process.
11	6	Use technology based solutions for survey generation, collation, and analysis.	2008-2009 2009-2010	Continue to use inetsurvey; although consider exploring other options such as SurveyMonkey.	inetsurvey has consistently agreed to provide us with all three stakeholder surveys at a cost of \$199 annually. Surveys for less than 100 responders are free, with limited data analysis capability	School Funds	Provide support to faculty and staff as needed.	Survey results provide inherent evaluation/assessment tools.	Administration; Technology Staff	On-going; in process.

ST. ALBERT THE GREAT SCHOOL TECHNOLOGY PLAN MATRIX

Correlation to Technology Mission / Vision	Tech Goal	Action Plans	Timeline	Hardware and Software Needs	Budget	Possible Funding Sources	Professional Development Plan	Evaluation and Assessment	Responsible Personnel	Status
Co-Partnering, Academics, 11	6	Provide continued support, training, and management of ProgressBook gradebook software.	2008-2009 2009-2010	Use current hardware / software configuration.	Annual cost of DASL / ProgressBook as provided by LNOCA	Auxiliary Funds, Endowment fund allocation	Provide support to faculty and staff as needed.	n/a	Technology Staff	On-going; in process.
11	6	Research and implement automatic off-site back-up of main student server as well as library system.	2008-2009	Implement appropriate configurations as determined by selected off-site option.	To be determined	Auxiliary Funds, Endowment fund allocation	Provide support to appropriate personnel as needed.	n/a	Technology Staff	To be addressed. Off-site back-up should include main server, library server and administrative computers in office.
Academics, 3, 8, 11	6	Research and implement web-based library system, thereby allowing for student access to library catalog when not in school building. Consider Follett's new product for conversion.	2009-2010	To be determined by selected web-based provider.	To be determined	Auxiliary Funds, Endowment fund allocation	Provide support to appropriate personnel as needed.	n/a	Administration; Technology Staff; Library Staff	To be addressed. Once web-based system is implemented, assess need to provide appropriate back-up.
11	6	Continue to use web-based programs for Mandated Service and Curriculum Mapping as required by the Diocese. Provide technological support for these programs as needed.	2008-2009 2009-2010	Use current hardware / software configuration.	To be determined annually for Mandated Services. At this time, Curriculum Mapping is funded through the OCE.	School Funds	Provide support to appropriate personnel as needed.	n/a	Administration; Technology Staff	On-going; in process.
11	6	Develop computer based financial forecasting simulation model as decision support system, particularly with regard to technology investments.	2009-2010	Use current hardware / software configuration.	n/a	n/a	Provide support to appropriate personnel as needed.	n/a	Administration; Technology Staff	To be addressed.

ST. ALBERT THE GREAT SCHOOL TECHNOLOGY PLAN MATRIX

Tech Goal 7: To provide faculty and staff with appropriate in-service to effectively use technology as an instructional tool.

Correlation to Technology Mission / Vision	Tech Goal	Action Plans	Timeline	Hardware and Software Needs	Budget	Possible Funding Sources	Professional Development Plan	Evaluation and Assessment	Responsible Personnel	Status
10	7	Provide in-house technology based training and instruction, both group and individualized, on an as-needed basis to facilitate integration of technology into all curriculum areas.	2008-2009 2009-2010	Use current hardware / software configuration.	n/a	n/a	Inherent	Survey evaluation of instruction	Technology Staff	On-going; in process. Continue practice of offering small group courses before and after school as well as during school support. Provide large group instruction as appropriate.
10	7	Encourage peer-to-peer training of technology based applications and hardware and software.	2008-2009 2009-2010	Use current hardware / software configuration.	n/a	n/a	Inherent	Survey evaluation of instruction	Administration, Faculty, Technology Staff	On-going; in process.
10	7	Promote attendance at annual eTech conference by faculty and staff to encourage technology based curriculum integration.	2008-2009 2009-2010	Use current hardware / software configuration.	Annual cost of attendance at eTech to be determined.	PTO funds allocated per teacher for Professional Development; possibly through Education Committee (PTO); possible teacher out-of-pocket funding	Inherent	Survey evaluation of instruction	Administration, Faculty, Technology Staff	On-going; in process.
10	7	Provide information to faculty regarding online Professional Development courses	2008-2009 2009-2010	Use current hardware / software configuration.	Cost of these courses to be determined on an individual basis and to be addressed by each teacher individually.	n/a	Inherent	n/a	Administration, Faculty, Technology Staff	On-going; in process.
10	7	Promote use of Promethean Learning and Promethean Planet for online professional development regarding Activstudio, the Activboard and related peripherals.	2008-2009 2009-2010	Use current hardware / software configuration.	n/a	n/a	Inherent	n/a	Technology Staff	On-going; in process.