



Illinois Technology Plan Online

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Stakeholder Involvement

STAKEHOLDER INVOLVEMENT: The initial technology plan was developed in 1998 to aid in deployment and integration of technology into the curriculum and to meet the new state requirements for grant applications. The technology plan is under revision in 2005 to bring it into compliance with current state guidelines as well as a look to the future. The ensuing plan reflects ideas and suggestions provided at technology committee meetings, a town meeting as well as parent and staff surveys. We also wish to express our appreciation to the community of Amboy, and the Amboy Education Foundation for their generous support of this venture, to the Board of Education for their commitment to and financial support of this project, and to the staff of District 272 for their willingness to participate in the change process and to take the "leap of faith" that will insure an environment that promotes life-long learning for our students. This community-based technology plan is the result of many dedicated, involved individuals that attended our Town Meeting and meetings of our District Technology Committee. At our Town Meeting, there was a good cross section of representation from parents, business and community leaders. As a result of the Town Meeting and a technology survey, the following goals were established: to provide opportunities for community input, to provide on-site community access to technology, seek community services and resources, develop adult literacy programs working closely with the Lee/Ogle Regional Office of Education, continue our partnership with Sauk Valley Community College developing and offering both onsite and online adult literacy programs that District #272 residents can access from our labs. **PLANNING PROCESS:** The following stakeholders were involved in the planning, development, implementation and assessment of the technology plan, contributing to its overall quality and continued sustainability.

Stakeholder	Role
Amy Wittenauer	Technology Assistant
Anne Norris	Middle School Principal
Betsy Jones	Middle School Teacher, parent
Carolyn Nelson	High School Teacher
Dennis Weidman	Elementary School Principal
Ed Dunn	Country Insurance, businessman
Eileen Piper	Teen Turf director, community member
Gail Dunn	High School Library Resource Media Specialist
George Jones	Parent and Community Member (submitted input via mail)
Jackie Steinbach	Middle School Teacher
Joshua A. Becker	Student
Joyce Schamberger	Juiner High School Dean of Students

Keith Oates	Superintendent
Linda Grady	Elementary School Teacher
Lindsey Barlow	Student
Lisa Goy	Parent
Quintin Shepherd	High School Principal
Rich Hubbard	Director of Technology
Robin Smith	High School Business Teacher
Rory Miller	Parent
Susan Shaw	Elementary Library Resource Clerk

Section 3: District/School & Community Profile

Characteristics

The Amboy Community School District #272 is primarily a rural district located in central Lee County approximately 55 miles south of Rockford and 12 miles east of Dixon. It is the second largest geographic district in the State. The District includes the towns of: Amboy, Harmon, Eldena, Sublette, Maytown, and Walton. The populations of these towns range between 10 and 2400. The high school (9-12) 375 students, middle school (5-8) 340 students, and elementary school (K-4) 306 students are located in Amboy along with 40 in the early childhood program and 8 in the preschool program located in Amboy. Approximately 75% of the high school graduates go on to higher education or technical schools. Approximately 61% of the students are transported to school on buses.

School, Staff & Community Demographics

Average class size at the various levels is as follows: (K-4) 22, (5-8) 23, and (9-12) 19.9.

Based on the free and reduced lunch count 27.2% (2004 School Report Card) of the students come from homes at or below the poverty level. The student population is 96.4% white, .7% black, 2.8% Hispanic and .1% Asian/Pacific Islander. The District attendance rate is 95.9% and the chronic truancy rate is 1.0 %.

The faculty has an average of 16 years of teaching experience. Many of the faculty have taught in the District for a number of years, and some are native to the area. The degree status of the faculty is 51.4% Bachelor's only, 48.6% Masters and beyond. The faculty reflects the racial makeup of the community and is 100% Caucasian. Building principals report 100% of the faculty as highly qualified, as required by NCLB.

Economic Base: The assessed valuation for 2004 is an estimated \$ 91,707,814. The District operating expenditure for 2004 is \$ 5,602,523, and per pupil expenditure for 2004 is \$6,347, (\$8,482 per pupil is the state average). We believe the District's students receive a good educational experience for the funds expended.

Attributes & Challenges of the District/School and Community

Amboy at one time was a busy and prosperous town with a population of about 10,000. It is the original home of Carson, Pirie, Scott, and Company and years ago was a railroad hub complete with passenger service and a roundhouse. Because of all the workers that were associated with the railroad, Amboy had a widely diverse population.

The Mormons passed through Amboy on their way to Salt Lake City. While they were stopped in Amboy, they contracted flu and many of them died. As a result, there is a Mormon cemetery in Amboy.

Amboy is located 60 miles south of Rockford, 60 miles east of the Quad Cities, 30 miles north of I-80, and 100 miles west of Chicago. There are five major campground areas located within the Amboy school district. This tourism is a major boost to the local economy. On busy holiday weekends the local population can swell from its normal 2,400 to over 100,000.

The community derives a large portion of its income from farming or farm-related occupations. The town of Amboy has the usual small-town businesses--grocery, banks, doctor and dentist offices, pharmacy, insurance offices, hair salons, hardware, lumberyard, restaurants, car dealer, elevators, gas stations, an 18 hole public golf course, and garages. There is only one large employer--Sensient Flavors that has approximately 150 employees. Amboy also has several active churches, a public library, and a newspaper. Many community members commute to Dixon or other towns for employment.

The Amboy community is very interested in acquiring and using technology in their homes and in their businesses. Parents and community members are interested in providing a good education for youth and also show interest in upgrading their own education. The Amboy school district has included the Amboy Public Library in its WAN and in addition the school district pays for the library's monthly usage fee.

The Amboy District has a positive attitude about its schools. Community support is shown through

support and attendance at sports activities, open houses, parent teacher conferences, music programs, and parent volunteering, especially at the elementary level. Local farmers have supported the agriculture program at the high school by donating crop points and Sensient Flavors funds the young authors' banquet and guest speaker each year.

The Amboy High School Library and Media Center plays a critical role in the success of the use of technology in Amboy High School. Amboy High School has a full time certified librarian. The Amboy High School library has had an automated card catalog since 1991. Approximately 4 years ago an external link has been created for the card catalog so students and teachers can access that information from any Internet linked computer. Because Amboy High School has a full time certified librarian, this affords the high school to be a member of the Prairie Alliance Library System (PALS). Through this membership, the high school earns the privilege to receive the following databases free from the state of Illinois: First Search (10 years), Information Almanac (5-7 years), NILScAT (10 years), Illininet (10 years), Novelist (5-7 years), and PDR Electronic Library (5-7 years). Because Amboy High School employs a full time certified librarian, it also allows a discounted subscription for other databases. The Amboy High School library also subscribes to the following databases: elibrary (5-7 years), EBSCO (1 year), Facts on File (2 years), and SIRS (2 years). The librarian works very closely with all teachers in all departments to assist in the creation and completion of assignments that afford Amboy High School students to use the most current and up-to-date information from some of the best online databases available.

In the 2000-2001 school year, the District 272 Director of Technology installed a Wireless Area Network (WAN) to connect all three buildings and the Amboy Public Library. The Wireless Wide Area Network was updated to provide speed five times faster than the original network. The district uses a T-1 line to allow for high-speed Internet connections. During the 2000-2001 school year the district incorporated Apple ibook carts for each building. Each of the three district school buildings has 25 ibooks on carts that can be signed out and taken to the classroom. In 2005 50 of the laptops were replaced with new laptops, an in 2006 the remaining 25 will be replaced.

CHALLENGES: One of the major challenges to the district is staff development in integrating technology across the curriculum at all grade levels and in all learning centers. There have been a number of half-day workshops, but it takes time to synthesize information and then apply it to individual classroom situations. The librarian at Amboy High School has been integral in assisting high school staff and students to integrate technology in assignments and in the classroom and these have been aligned with the state standards.

District 272 has been aware of the need for technology for many years. It has consistently used local funds to acquire hardware and software and to continually update both. The three buildings in the District are wired and all classrooms have 2 to 3 computes connected to the network. The community has supported the expenditures on technology, especially the local Education Foundation that has funded numerous technology improvements over the years.

Section 4: Vision

Vision Explanation

The Technology Committee of Amboy Community Unit School District #272 created this vision of Technology utilizing input from a number of different sources; the district technology committee, parent and staff surveys, and a town meeting. Community stakeholders provided critical insights that facilitated the refinement of this vision. Technology changes daily making it difficult to form a long-range plan. Rapidly changing technology forces us to revisit our vision of the future.

It is the desire of Amboy C. U.S.D. #272 to provide opportunities for our students which would not exist without the information superhighway which can create virtual learning communities linking our schools, universities, libraries, museums, businesses, and the scientific community across the country and around the world. We will gain global access through the use of the Internet to provide communication linkages to virtually any other location in the world. We will work with hardware and software corporations to develop integrated learning systems, electronic collaborative systems, hyper learning, electronic simulation, and educational databases. The future will hold worldwide teleconferencing and telecourse opportunities in cooperation with universities and community colleges. The tools of technology must be readily accessible to students and staff. These tools should be easy to use and in good repair. These tools will be used to facilitate communication between and among students, staff, parents, colleges, government agencies, businesses, libraries, and provide distance-learning opportunities.

How Vision was Revised/Reaffirmed: The vision statement was reaffirmed by the Board of Education on 23 June 2005.

Vision Statement

Creating an environment for students utilizing 21st century technology tools building successful citizens for tomorrow.

Section 5: Data Analysis, Collection & Sources

Data Analysis Processes

A technology planning team consisting of the District Superintendent, the three building Principals, various faculty members, and the District Technology Director gathered applicable data to analyze for the purpose of this plan. Data is collected on an on going basis. Data was collected from the goal areas of community involvement, curriculum/instruction, professional development, deployment and sustainability, as well as from the individual School Improvement Plans. The planning team analyzed the data, assessed the district's current situation, identified the gap areas, and developed new goals, strategies, and actions as outlined. Building principals report 100% of the staff as highly qualified, as required by NCLB

Data Collection Processes

Goal - Community Involvement - Current Reality - 90% of respondents to the community survey have computers at home, 80% have Internet access at home, and 70% use computers at work. The Schools computer labs and facilities are open to the community on a limited basis; with some use of technology resources outside of the school and student population. Few community volunteers are available to assist students and staff. District #272 provides free internet access to the Pankhurst Memorial Library, which allows the community high-speed T-1 access. In addition, the district absorbs this cost as a community service. The community has voiced an interest in access to the District's technology and schools, currently that opportunity exists on a limited basis as evidenced by the comments from the Community Technology Survey and Home/School connection survey. District Schools need more community involvement. Elements of parental frustration resulting from lack of communication between students, parents, and the school community in past years are now being addressed as various technological advancements are being implemented in the District. The addition of the K12Planet program and the development of new District and individual school websites with many more communication features offer busy parents the opportunity to keep abreast of their students' academic performance as their personal time schedules allow. Data Sources: Next Steps Home to School Survey, parent interviews, Next Steps Community Survey Gap: District 272 needs to increase communication with parents and welcome the community into our vision of technology.

Goal -- Curriculum & Instruction — Current Reality - Students receive lab instruction in grades K-8. K-4 students visit the Library Resource Center once or twice a week. All middle school students attend the Lab on a 9-week rotation. A second mini lab is in place in the Library Resource Center for teachers to utilize for curriculum integration at both the middle and high schools. Freshmen are required to take a computer concepts class in the computer lab for a semester. Six elective computer courses are offered at the high school level. All three schools have a mobile lab with 25-30 lap tops with wireless network access to provide any time, any where access to technology and the Internet. Internet is used for research predominately at the middle and high school levels. Curriculum is aligned with the Illinois Learning Standards and reflects knowledge and skills needed for students to show proficiency and gains in ISAT, PSAT, and ACT testing. The Curriculum needs to also be aligned to the NETS (National Educational Technology Standards) for all students. Currently not enough emphasis is placed on the NETS Standards for Students, and they lack proficiency in the use and knowledge of technology, especially the K-8 grades. ISAT scores and School report cards show a drop in Math and Reading scores in Grades 5 thru 8. Students entering 9th grade are not completely prepared with necessary technological skills to articulate into High School. The high school continues to make the greatest strides in the use of technology in the curriculum. The Amboy High School Library and Media Center plays a critical role in the success of the use of technology in Amboy High School. Because Amboy High School has a full time certified librarian, this affords the high school to be a member of the Prairie Alliance Library System (PALS). Through this membership, the high school earns the privilege to receive the following databases free from the state of Illinois: First Search, Information Almanac, NILESAT, Illininet, Novelist, and PDR Electronic Library. Because Amboy High School employs a full time certified librarian, it also allows a discounted subscription for the following databases: eLibrary, EBSCO, Facts on

File, and SIRS. The librarian works very closely with all teachers in all departments to assist in the creation and completion of assignments that afford Amboy High School students to use the most current and up-to-date information from some of the best online databases available. In addition, students in many high school classes use technology to complete assignments. Students use PowerPoint and iMovie in English and Social Studies classes as well as business classes. According to the high school student survey, 50% of students use a computer at school 4-6 hours per week. 50% rate themselves as confident, and 50% rate themselves as capable of teaching others. 95% of high school students reported that they have technology projects they must complete. The middle school survey showed that only 15% of students use a computer at school 4-6 hours per week. 60% use a computer less than one hour per week. 25% rate themselves as a beginner and 45% rate themselves as confident. 40% of middle school students reported that they do not have technology projects they must complete.

Data Sources: Tool08StudentT&LSurvey, NETS Standards for Students, School Report Cards, ISAT scores, School Improvement plans, Teacher Interviews.

Gaps: Math and Reading scores show a decline in grades 5 through 8 according ISAT data and need to be improved. NETS Standards for Students are not fully addressed in curriculum. Productivity software needs to be standardized across the District. K-8 Students Technological skills need to be increased and aligned with NETS.

Goal - Professional Development - Current Reality- Building Principals report 100% of the Faculty is highly qualified, as required by NCLB. Our School District could be doing a better job training teachers in effectively using technology to improve the learning for all students aligned with State and National Technology Standards. Most staff utilize computer gradebooks and email. Teacher and support staff/paraprofessional training is available on a limited basis and is centered on the use of software and hardware. About 60 percent of teachers in each building have developed the skills necessary to use technology and implement practices and student multimedia projects in the classroom. A limited number of support staff/paraprofessionals use technology in their day-to-day activities and communication. The District has a number of staff members technological savvy in certain areas with the support staff/paraprofessionals showing the least literacy. Administrators show a willingness to send faculty to conferences and have a budget in place for conference funding. Electronic scheduling, attendance, accounting, health records, and the electronic Lunch Box program, and work to broaden technology in the district are currently in use. Many teachers, support staff members, paraprofessionals, library/media resource personnel, and administrators are not aware of the potential that technology can bring to the classroom or to their field of employment. The staff expresses needs for training ranging from basic computer literacy to the use of integrated programs and the development of online curriculum. The number of District employees that are technologically literate needs to be increased with additional focus on staff/paraprofessional / paraprofessionals. 40% of teachers rated themselves as beginners on the survey. The results of the Teacher Technology and Learning Survey indicate that Staff development centers around the use of hardware and software with some emphasis on improving curriculum for NCLB, PSAT, PSAT, and ACT. 80% of the Teachers are not aware of the NETS Standards for Teachers or Students. Many teachers do not have the confidence to incorporate more technology into their regular curriculum and student assignments. 25% of all teachers are aware of the National Educational Technology Standards for Students and use the Standards as guide for integrating technology into their curriculum. 75% of all teachers are unaware of the National Educational Technology Standards for Teachers. 75% of all Administrators are unaware of the National Educational Technology Standards for Administrators.

Data Sources: Teacher Technology and Learning Survey, interviews with Administrators, School Improvement Plans, NETS Standards and Building visits.

Gaps: District 272 needs to do a better job training Teachers, Administrators, and Support Staff/Paraprofessionals to utilize technology. Not enough time is devoted to training and development of differentiated instruction utilizing technology tools to meet all students needs. There is need for on-going professional development in technology, especially in area of the NETS Standards for Teachers, Administrators and Students.

Goal - Technology Deployment and Sustainability Current Reality - The District has a wireless high-

speed wide area network accessible by all District buildings. Each school has a high speed wireless local area network accessible by mobile computer labs. The policies to replace, dispose of or otherwise re-deploy the current technologies are not consistent on a District level. Continued commitment to technology purchases exist for all district buildings. A current technology plan is in place and is being revised. All schools in the district complete an equipment and software inventory yearly. Infrastructure design charts are updated yearly. All schools have labs and every year more individual computers are purchased to replace aging equipment and to place additional computers in the classroom. All 3 schools have a mobile lab with 25-30 lap tops in each lab. The labs are connected to the building's LANs by a wireless network. The high school replaced their aging business lab with Compaq IBM compatibles 3 years ago. All schools are connected via a wireless WAN. A T-1 connection in place for 4 years provides internet access for the District. The infrastructure design plan is being revised to reflect improvements in the electrical and networking infrastructure. This area has been updated in each building. New classrooms were added to the middle school in the summer of 2001. New classrooms were added to the elementary school in the fall of 2003. Electrical capacity has been upgraded at the high school in the summer of 2001 and 2005. The Amboy Education Foundation continues to provide funds and grants for technology. Staff members demonstrate a desire for more technology training. A library/computer clerk is available at the elementary school, a computer teacher at the middle school, and a certified Librarian/Media Specialist at the high school. The Director Of Technology provides support to each building on a daily basis. Staff are informed to the procedures in place to log assistance requests at each building. Support is near real time with some time lags according to the Teacher Technology and Learning Survey. More support needs to be purchased. Issues the Director of Technology can not resolve are handled by contracted services from Jen-Mar DBA Computerland of Princeton and Entre of Rockford. Former weaknesses have been addressed and new technology is being incorporated as finances allow.

Data Sources: NextstepsTeacher Technology and Learning Survey, Building visits, Nextsteps Tool 21 Tool Capacity, interview with the Director of Maintenance, Tool 08 Student T&L Survey, Assistance request logs.

Gaps: The Wide Area Network is not fully utilized by staff and students for cross-curricular learning and communication. The benefits of mobile labs and wireless local area networks are not fully utilized to promote cross-curricular learning. Currently technology budgets along with purchasing guidelines are in place. These guidelines need to be refined in order to better evaluate the needs, effectiveness and use of purchases related to technology. Staff need to be consulted on needs and usage for purchasing. The current schools policies do not completely address the disposal or re-deployment of aging equipment. Assistance with technology has some time lags. Additional funding and funding priorities need to address the importance of technology to keep the district on the cutting edge to give our students the best advantage.

Data Sources

Document

URL

Buiding Visits

Gap Analysis Tool For Technology and Learning Report Card <http://www.amboy.net/techplan/amboygaptool.doc>

Illinois Professional Teaching Standards <http://www.isbe.net/profprep/>

NETS Standards for Administrators <http://cnets.iste.org/tssa>

NETS Standards for Students http://cnets.iste.org/students/s_book.html

NETS Standards for Teachers http://cnets.iste.org/teachers/t_book.html

Next Steps Tool 05 CommSurvey	http://www.amboy.net/techplan
Next Steps Tool 07 Teacher Technology & Learning Survey	http://www.amboy.net/techplan
Next Steps Tool 12 HOME/SCHOOL CONNECTION SURVEY	http://www.amboy.net/techplan/
Next Steps Tool 21 Tool Capacity and Aging Inventory	http://www.amboy.net/techplan/aging_inv_analysis.pdf
Next Steps Tool 8 Student Technology & Learning Survey	http://www.amboy.net/techplan
School Improvement Plans	
School Report Cards	http://www.amboy.net/dist_report_cards/reportcards/

Section 6: Action Plan

Community Involvement

Goal 1: District and Individual School Websites

Description: The District 272 Websites will be expanded and revised to ensure that student, parent, and community communication is up-to-date, easily accessible and presented in a well-organized format. Community input indicates current websites do not provide adequate current event information regarding the schools.

Strategy 1:

Review and update current websites

Description:

The District and individual school websites will be "cleaned up" aesthetically and information such as calendars and menus will be updated regularly.

Cost	Funding Source	Person Responsible
\$.00	NA	Technology Department
Time Frame	Start Date	End Date
2005-2006	7/1/2005	6/30/2006

Strategy 2:

Redesign and monitor all websites

Description:

The District and individual school websites will be redesigned to include more information to effectively educate the general population of district and school events and policies, as well as present the district in a pleasing manner to families looking to relocate our area. Websites will continue to be updated regularly and monitored for needed improvements and additions.

Cost	Funding Source	Person Responsible
\$.00	NA	Technology Department
Time Frame	Start Date	End Date
2006-2007 2007-2008	7/1/2006	6/30/2008

Goal 2: Parental Access to Student Information

Description: Time-pressed parents find it difficult to communicate effectively with educators in traditional face-to-face meetings or telephone conversations. Providing online access to their student's personal account or communicating with teachers through e-mail will improve parent's ability to track their student's school progress.

Strategy 1:

Student information online

Description:

K12Planet will be activated at the high school. K12Planet is a web site that provides an easy-to-use, secure, and comprehensive school to home link that gives parents and students instant access to grades, attendance, homework assignments, and school activities.

Cost	Funding Source	Person Responsible
\$350.00	Local funds	Director of Technology, Building Principals
Time Frame	Start Date	End Date
2005-2006	12/1/2005	6/30/2006

Strategy 2:**Student information online****Description:**

K12Planet will be activated at the junior high school and continued at the high school level. K12Planet allows parents and students instant access to grades, attendance, homework assignments, and school activities.

Cost	Funding Source	Person Responsible
\$700.00	Local funds	Director of Technology, Building Principals
Time Frame	Start Date	End Date
2006-2007	7/1/2006	6/30/2007

Strategy 3:**Student information online****Description:**

Continued use of K12Planet at the junior high school and high school level. K12Planet allows parents and students instant access to grades, attendance, homework assignments, and school activities.

Cost	Funding Source	Person Responsible
\$700.00	Local funds	Director of Technology, Building Principals
Time Frame	Start Date	End Date
2007-2008	7/1/2007	6/30/2008

Strategy 4:**Collect parent email information****Description:**

Revising the District's registration forms to include an optional email address area. Teachers will be able to communicate with parents via e-mail when traditional methods of contact fail, such as letters intercepted in the mail or missed telephone calls.

Cost	Funding Source	Person Responsible
\$.00	NA	Technology Department

Time Frame	Start Date	End Date
2005-2006 2006-2007 2007-2008	7/1/2005	6/30/2008

**Strategy 5:
Post information on website**

Description:

District and school websites will post school news, event information, schedules, and resources available to students and parents. All necessary student forms will also be available to download from the websites.

Cost	Funding Source	Person Responsible
\$.00	NA	Technology Department

Time Frame	Start Date	End Date
2005-2006 2006-2007 2007-2008	7/1/2005	6/30/2008

Goal 3: Educating the Community

Description: The community needs to be educated as to what constitutes effective technology use in education or what is required of students to accomplish effective use. Making the schools' facilities available to the community after hours, offering tech awareness sessions, and offering basic skills classes to the general public will increase support of future technological expenditures.

**Strategy 1:
Offer Access to Computers**

Description:

The Schools' facilities will be made available to the community in the evenings and after school to utilize technology and develop partnerships within the community. Computer kiosks will be provided for parents and other community members who lack a home computer and/or Internet access. A member of the technology department will be on site to ensure proper use of district equipment.

Cost	Funding Source	Person Responsible
\$4,500.00	Local funds and lab fees	Technology Department

Time Frame	Start Date	End Date
2005-2006 2006-2007 2007-2008	7/1/2005	6/30/2008

**Strategy 2:
Present Tech Awareness Sessions**

Description:

Many parents are not fully aware of the many aspects of technology integration into their student's education. Tech awareness sessions will show parents how technology is integrated into the classroom, what basic computer literacy skills are expected of students, and an overview of what applications students are using. The District's acceptable use policy will be discussed in detail, and tips for safe Internet usage in the home will be offered.

Cost	Funding Source	Person Responsible
\$2,250.00	Local funds	Technology Department
Time Frame	Start Date	End Date
2005-2006 2006-2007 2007-2008	7/1/2005	6/30/2008

Strategy 3:**Community Technology Classes****Description:**

Community members wishing to take classes covering basic computer skills or use of software applications currently have to travel out-of-town to do so. The District will offer open labs and instructor-led courses covering word processing, Internet, e-mail, desktop publishing, multi-media authoring and basic computer skills for a nominal fee. Other classes will be offered as requested by community input. The classes will be held in one of the district buildings. This will not only provide a service to the community, but will also increase the value the community places on education.

Cost	Funding Source	Person Responsible
\$1,500.00	The nominal fees charged will be used to pay for the district's implementation of the services. Donations and waiver procedures will be established.	Technology Department
Time Frame	Start Date	End Date
2005-2006 2006-2007 2007-2008	7/1/2005	6/30/2008

Curriculum & Instruction**Goal 1: Meet standards through technology**

Description: Students will use technology to develop 21st Century Learning Skills and meet the requirements for the Illinois Learning Standards and the National Education Technology Standards.

Strategy 1:

Technology workshops for students.

Description:

Provide technology workshops in the classroom at start of each school year to promote efficacy and student use. Topics covered will include Acceptable Use Policy, care of equipment, logging on to the server, saving of files, as well as other areas of confusion as identified by faculty. Students will also be informed of the basic technology skills they are expected to master during the school year. Workshops will address basic technology skills as required under NCLB.

Cost	Funding Source	Person Responsible
\$.00	NA	Technology Department
Time Frame	Start Date	End Date
2005-2006 2006-2007 2007-2008	7/1/2005	6/30/2008

Strategy 2:

Standardize software applications used.

Description:

Basic software applications, such as Microsoft Office, will be used across all grade levels in order to provide consistency to our students. Familiarity with applications will increase student's skill levels and prepare them for technology use outside of the classroom.

Cost	Funding Source	Person Responsible
\$.00	NA	Technology Department
Time Frame	Start Date	End Date
2005-2006 2006-2007 2007-2008	7/1/2005	6/30/2008

Strategy 3:

Use of STAR Math and Accelerated Math

Description:

STAR Math and Accelerated Math used in 5th and 6th grade classrooms. The use of this program allows teachers to individualize mathematical education. This program identifies student weaknesses and develops activities that will directly strengthen weak areas. Use of program helps student become better equipped to meet state learning standards.

Cost	Funding Source	Person Responsible
\$3,000.00	Title 1	TechnologyDept., Building Principal, Math Teachers
Time Frame	Start Date	End Date
2005-2006	7/1/2005	6/30/2006

Strategy 4:

Expansion of STAR Math and Accelerated Math

Description:

The use of STAR Math and Accelerated Math will be expanded to include 7th and 8th grade classrooms. This strategy will be used to address declining math scores and help our students become better equipped to meet state learning standards.

Cost	Funding Source	Person Responsible
\$3,000.00	Title 1	Technology Dept, Building Principal, Math Teachers
Time Frame	Start Date	End Date
2006-2007	7/1/2006	6/30/2007

Strategy 5:**Continuation of STAR Math and Accelerated Math****Description:**

The use of STAR Math and Accelerated Math will be continued in 5th through 8th grade classrooms. Costs during this period are for miscellaneous expenses related to maintaining program. Use of program helps student become better equipped to meet state learning standards.

Cost	Funding Source	Person Responsible
\$250.00	Title 1	Technology Dept, Building Principal, Math Teachers
Time Frame	Start Date	End Date
2007-2008	7/1/2007	6/30/2008

Strategy 6:**Destination Reading implemented in 5th through 8th****Description:**

The current use the Accelerated Reader program will be augmented by the use of Destination Reading in 5th through 8th grade classrooms. Destination Reading utilizes easy-to-use assessment and reporting tools that allow teachers to target students individualized needs. These management tools correlate to Illinois Learning Standards.

Cost	Funding Source	Person Responsible
\$3,000.00	Title 1	Tech Dept, Building Principal, Reading teachers
Time Frame	Start Date	End Date
2005-2006 2006-2007 2007-2008	7/1/2005	6/30/2008

Strategy 7:**United Streaming Service piloted****Description:**

United Streaming, a standards-based video-on-demand application shown to increase student achievement, will be used in grades K-4. Use of this service addresses 21st Century Skills.

Cost	Funding Source	Person Responsible
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\$1,500.00	Bock Grant	Technology Dept, Building Principal, teachers
Time Frame	Start Date	End Date
2005-2006	7/1/2005	6/30/2006

**Strategy 8:
United Streaming Service expanded**

Description:

United Streaming, a standards-based video-on-demand application shown to increase student achievement, will be implemented in grades 5-12 and continued in grades K-4. Use of this service addresses 21st Century Skills.

Cost	Funding Source	Person Responsible
\$3,000.00	Bock Grant	Tech Dept, Building Principals, Teachers
Time Frame	Start Date	End Date
2006-2007	7/1/2006	6/30/2007

**Strategy 9:
United Streaming Service continued**

Description:

United Streaming, a standards-based video-on-demand application shown to increase student achievement, will continue to be used in all grade levels. Use of this service addresses 21st Century Skills.

Cost	Funding Source	Person Responsible
\$3,000.00	Local funds	Tech Dept, Building Principals, Teachers
Time Frame	Start Date	End Date
2007-2008	7/1/2007	6/30/2008

Professional Development

Goal 1: Advancing Staff Technological Skills

Description: All staff will have the opportunity to participate in tutorial sessions to advance technology skills. Staff will be competent as defined by Illinois Professional Teaching Standards (IPTs), National Educational Technology Standards for Teachers (NETS-T), and Technology Standards for School Administrators. (TSSA).

**Strategy 1:
Technology Training for specific skills**

Description:

Technology Workshop Opportunities will be offered to Staff in identified areas of need. Sessions offered will include basic skills, exploration of software and hardware, effective use of available staff resources, as well as incorporating technology into the classroom as outlined in NETS.

Cost	Funding Source	Person Responsible
\$1,000.00	Local funds	Technology Director, Administrators
Time Frame	Start Date	End Date
2005-2006 2006-2007 2007-2008	7/1/2005	6/30/2008

Strategy 2:**Develop curriculum****Description:**

Staff will meet during in-service sessions to continue to discuss and develop curriculum standards that will incorporate the NETS and the ILS.

Teachers will spend several in-service sessions throughout the school year working together to identify goals for each grade level that emphasize learning through technology

Cost	Funding Source	Person Responsible
\$.00	NA	Staff, Administration
Time Frame	Start Date	End Date
2005-2006 2006-2007 2007-2008	7/1/2005	6/30/2008

Strategy 3:**Administrator Training****Description:**

Provide training to administrators to help them understand professional responsibilities to guide staff towards achieving effective technology integration. Training workshop will include effective observation and evaluation of staff performance in this area.

Cost	Funding Source	Person Responsible
\$.00	NA	Staff, Administration
Time Frame	Start Date	End Date
2005-2006 2006-2007 2007-2008	7/1/2005	6/30/2008

Strategy 4:**Technology Handbook**

Description:

A technology handbook will be provided to every staff member by the first day of school. Handbook will cover instructions on basic skills including email retrieval, on-line staff forms, requisitions, and other resources, hardware instruction, common software applications, acceptable use policy, and frequently asked questions as submitted by staff.

Cost	Funding Source	Person Responsible
\$3,000.00	Technology funds	Technology Department
Time Frame	Start Date	End Date
2005-2006 2006-2007 2007-2008	7/1/2005	6/30/2008

Strategy 5:

Improve online communication and resources

Description:

Communication opportunities through the District and school websites will be maintained and updated regularly. Professional development resources available on the website will be expanded and improved and staff will be trained on effective use of on-line resources.

Cost	Funding Source	Person Responsible
\$2,000.00	Local funds	Technology Department, Administration
Time Frame	Start Date	End Date
2005-2006 2006-2007 2007-2008	7/1/2005	6/30/2008

Technology Deployment & Sustainability

Goal 1: Effective Network with adequate capacity and speed

Description: Maintain servers and network hardware with adequate capacity

Strategy 1:

Conduct a LAN/WAN analysis of all District network

Description:

The Data gathered from the LAN/WAN analysis will be used to determine upgrade paths. Assure adequate network speed exists and does not hinder achievement of instructional initiatives.

Cost	Funding Source	Person Responsible
\$.00	NA	Technology Department
Time Frame	Start Date	End Date

2005-2006
2006-2007
2007-2008

10/1/2005

6/30/2008

Activity 1: Building Level Tech Advisory Team

Description: Form a building level Tech team at each building made up Of the Technology Director, Technology Assistant and tech savvy staff. The Team will assist in the over site of network operations, help develop Polices and regarding the network operation.

Activity 2: District 272 Technology Committee

Description: The Technology Committee, representatives from each Tech Team, community members, and school board members with meet monthly or as needed.

Goal 2: Hardware and Software Maintenance

Description: Hardware and software will be purchased to close gaps identified through the data collection and analysis process. This will include laptops to replace aging laptops, classroom computers, LCD projectors and computer lab replacement. Software will be purchased to set a District Standard for productivity software.

Strategy 1:

Replace 2 of the District's mobile labs by leasing

Description:

The current mobile labs have reached end of life and current efforts to incorporate technology effectively is being hampered by their lack of speed and physical condition.

Cost	Funding Source	Person Responsible
\$15,500.00	Tech Budget	Technology Department

Time Frame	Start Date	End Date
2005-2006 2006-2007 2007-2008	7/1/2005	6/30/2008

Strategy 2:

Computer Labs

Description:

The District will try to replace computer labs on a rotating schedule of every other year

Cost	Funding Source	Person Responsible
\$14,000.00	Tech Budget	Technology Department

Time Frame	Start Date	End Date
2006-2007	7/1/2006	6/1/2007

**Strategy 3:
Classroom computers**

Description:

The District will continue to update classroom computers. We attempt to update 10 classrooms per year.

Cost	Funding Source	Person Responsible
\$8,000.00	Tech budget	Technology Department
Time Frame	Start Date	End Date
2005-2006 2006-2007 2007-2008	7/1/2005	6/30/2008

**Strategy 4:
Purchase LCD Projectors**

Description:

Efforts have been made by K12 teachers to project images, resources ect., to television monitors. This is a good method to engage students and for sharing internet resources, student projects and instruction. Currently each building has 2 or 3 projectors, but the need exceeds the number of projectors and discourages the use of United Streaming. The District in cooperation with the Education Foundation will purchase 2 projectors per year for each building.

Cost	Funding Source	Person Responsible
\$4,800.00	Amboy Education Foundation	Principals, Foundation President, Tech Department
Time Frame	Start Date	End Date
2006-2007 2007-2008	7/1/2006	6/30/2008

**Strategy 5:
Purchase Microsoft Office Professional**

Description:

Currently the District has both Office and AppleWorks for word processing, spreadsheets, and presentation. K8 Students and Staff use AppleWorks, while the High School uses Office. The need exists to standardize on Office across the District.

Cost	Funding Source	Person Responsible
\$6,000.00	Curriculum and Instruction budget	Technology Department, Administration
Time Frame	Start Date	End Date
2006-2007	7/1/2006	8/1/2007

Goal 3: Maintenance of Technology

Description: District 272 makes every effort to provide our students and staff technology that is reliable, in good repair and dependable. The District's is to solve all problems related to technology within 24 hours.

Strategy 1:

Full Time Technology Coord. and Full Tech Assist.

Description:

Our District has reached the conclusion that both a full time Technology Coordinator and a 180 day Technology Assistant are required to provide upkeep, maintain current technology and implement future technology.

Cost	Funding Source	Person Responsible
\$55,000.00	Local Funds	Superintendent and Technology Coordinator
Time Frame	Start Date	End Date
2005-2006 2006-2007 2007-2008	7/1/2005	8/1/2008

Strategy 2:

Computer repair and maintenance.

Description:

All computer maintenance and support will be handled by the District Technology Coordinator. Issues than can addressed locally will handled by Computer Land of Princeton, IL.

Cost	Funding Source	Person Responsible
\$4,500.00	Local funds and lab fees	Technology Directory, Tech Department
Time Frame	Start Date	End Date
2005-2006 2006-2007 2007-2008	7/1/2005	6/1/2008

Strategy 3:

Redeployment of Equipment

Description:

All of District 272 equipment will be used until it does not meet the needs of our students or staff. Computers at the High School will reach this point before the lower grades. Computers phased out of the High School lab will be redeployed to the Elementary Classrooms. Laptops reaching the end of their life at the High School will be redeployed as mobile writing labs at the Middle School and Elementary School. All computers, printers, and other hardware that have reached end of life will be recycled.

Cost	Funding Source	Person Responsible
\$.00	na	Director of Technology, Tech Department
Time Frame	Start Date	End Date
2005-2006 2006-2007 2007-2008	7/1/2005	6/30/2008

Goal 4: District 272 Compliance of School Policies

Description: Enforce current policies to ensure Internet safety for Students and all Staff.

Strategy 1:

Require adherence to all policies

Description:

Policy and procedures are in place to ensure compliance with the Children's Internet Protection Act (CIPA) and District policies for all other District Staff.

Cost	Funding Source	Person Responsible
\$3,500.00	Education Fund	Director of Technology, Administration

Time Frame	Start Date	End Date
2005-2006	7/1/2005	6/30/2008
2006-2007		
2007-2008		

Activity 1: Internet Permission for all Students

Description: A Parent internet permission form is signed at registration and kept on file for all students accessing the Internet form District 272.

Activity 2: Network and Technology Protection

Description: VicomSoft Surf Master Content filter is used to block or filter Internet access to obscene, pornographic or visual depictions which could be harmful to minors.

Activity 3: Protect Data

Description: Maintain the current firewall with appropriate network protection to keep data secure from both internal and external threats.

Activity 4: Update current AUP Policy for Staff

Description: AUP Policies for staff use of District 272's technology resources, hard ware, internet and connectivity will be updated. The policies will set forth expected use and limitations, as well as roles and responsibilities of the staff members. The policies will be posted on the staff web site.

Section 7: Assessment & Evaluation

Overall Plan Impact on Student Achievement

The District Technology Plan has been developed to integrate technology into the curriculum and meet and reinforce required standards set forth by Illinois Learning Standards, 21st Century Learning Skills, and the National Education Technology Standards.

The use of technology as described in the plan will improve student assessment scores, especially at the 5th through 8th grade levels in the areas of Math and Reading, which have been declining over the past three years. Professional Development will allow the staff to become proficient in indicated need areas of basic skills as well as efficiently use software applications and other on-line resources to integrate technology into the classroom. The additional communication with community members and opportunities to participate in technology awareness and learning workshops as outlined in the plan will help to foster support of the technological needs of the district.

Student and community access to technology will be increased district-wide throughout the three-year period. Replacement and upgrading of equipment and software will be met to match instructional and professional goals, as allowed by budget constraints. Technical training will be improved for the staff and students to assist them in effectively meeting all goals presented in the plan.

Community Involvement

Goal 1: District and Individual School Websites

Strategy 1: Review and update current websites

Expected Results: Increased awareness of district events, guidelines and policies

Indicators of Success: Increased usage of website

Measurement Instruments: web logs tracking website usage, public comment

Frequency of Analysis: monthly

Strategy 2: Redesign and monitor all websites

Expected Results: Increased awareness of district events, guidelines and policies

Indicators of Success: Increased usage of website

Measurement Instruments: web logs indicating website usage, public comment

Frequency of Analysis: monthly

Goal 2: Parental Access to Student Information

Strategy 1: Student information online

Expected Results: Increased awareness of students progress by parents, and more frequent contact with parents

Indicators of Success: Increased use of K12Planet

Measurement Instruments: K12Planet login history, student and parent feedback

Frequency of Analysis: monthly

Strategy 2: Student information online

Expected Results: Increased awareness of students progress by parents, and more frequent contact with parents

Indicators of Success: Increased use of K12Planet

Measurement Instruments: K12Planet login history, student and parent feedback

Frequency of Analysis: monthly

Strategy 3: Student information online

Expected Results: Increased awareness of students progress by parents, and more frequent contact with parents

Indicators of Success: Increased use of K12Planet

Measurement Instruments: K12Planet login history, student and parent feedback

Frequency of Analysis: monthly

Strategy 4: Collect parent email information

Expected Results: School personnel will have an additional means of contact with parents

Indicators of Success: successful contact by email, parent and teacher feedback

Measurement Instruments: web logs of email usage

Frequency of Analysis: monthly

Strategy 5: Post information on website

Expected Results: Communication with parents will increase and parents will be able to access and download school forms at any time.

Indicators of Success: Increased usage of website and web site generated forms turned into schools

Measurement Instruments: web-logs of website usage, public comment

Frequency of Analysis: monthly

Goal 3: Educating the Community

Strategy 1: Offer Access to Computers

Expected Results: Parents and community members will utilize technology and develop a partnership with the school

Indicators of Success: Parents and community members taking advantage of the use of facility.

Measurement Instruments: sign-in sheets for usage of equipment, participant evaluations

Frequency of Analysis: monthly

Strategy 2: Present Tech Awareness Sessions

Expected Results: As a result of Tech Awareness sessions, parents will have a better understanding of how technology is integrated into the classroom and what basic computer literacy skills are required of their student.

Indicators of Success: Attendance at sessions and parental support of programs which integrate technology into the curriculum

Measurement Instruments: Participant attendance log and participant evaluations

Frequency of Analysis: at conclusion of each session

Strategy 3: Community Technology Classes

Expected Results: Community members will increase technological skills in indicated areas of need and will increase the value the community places on technology in education.

Indicators of Success: Near capacity attendance in offered classes

Measurement Instruments: Participant attendance log and participant evaluations

Frequency of Analysis: at conclusion of each session

Curriculum & Instruction

Goal 1: Meet standards through technology

Strategy 1: Technology workshops for students.

Expected Results: Students will become more proficient in the required basic technology skills outlined in NCLB.

Indicators of Success: More successful log-ins to student accounts on server, fewer hardware problems, fewer "missing" or "deleted" student files

Measurement Instruments: web logs of classes, teacher input

Frequency of Analysis: weekly

Strategy 2: Standardize software applications used.

Expected Results: Students will become familiar with software use. Familiarity with basic operational procedures at the younger grade levels will foster increased opportunities for use at the higher grades as teaching time will not be spent covering the basics.

Indicators of Success: Students transitioning between levels with grade-appropriate knowledge of programming.

Measurement Instruments: web-logs, teacher input, student surveys

Frequency of Analysis: monthly

Strategy 3: Use of STAR Math and Accelerated Math

Expected Results: Teachers will be able to individualize mathematical education to improve a student's areas of weakness and improve overall skills.

Indicators of Success: Increased assessment test scores in Math in 5th and 6th grade levels

Measurement Instruments: STAR Math and Accelerated Math program, which identifies student weaknesses and develops activities to strengthen weak areas.

Frequency of Analysis: Analysis is done with each test, and overall performance is measured quarterly.

Strategy 4: Expansion of STAR Math and Accelerated Math

Expected Results: Teachers will be able to individualize mathematical education to improve a student's areas of weakness and improve overall skills.

Indicators of Success: Increased assessment test scores in Math in 5th through 8th grade levels.

Measurement Instruments: STAR Math and Accelerated Math program, which identifies student weaknesses and develops activities to strengthen weak areas.

Frequency of Analysis: Analysis is done with each test, and overall performance is measured quarterly.

Strategy 5: Continuation of STAR Math and Accelerated Math

Expected Results: Teachers will be able to individualize mathematical education to improve a student's areas of weakness and improve overall skills

Indicators of Success: Increased assessment test scores in Math in 5th through 8th grade levels.

Measurement Instruments: STAR Math and Accelerated Math program, which identifies student weaknesses and develops activities to strengthen weak areas.

Frequency of Analysis: Analysis is done with each test, and overall performance is measured quarterly.

Strategy 6: Destination Reading implemented in 5th through 8th

Expected Results: Teachers will be able to target students individualized needs to improve reading skills as outlined in the Illinois Learning Standards

Indicators of Success: Increased assessment test scores in 5th through 8th grade levels.

Measurement Instruments: Destination Reading assessments and reports

Frequency of Analysis: Assessment is done with each test, and overall performance is measured quarterly.

Strategy 7: United Streaming Service piloted

Expected Results: Student achievement and 21st Century Skills met in K-4 classrooms will increase with use of service

Indicators of Success: Incorporation of service into curriculum by teachers

Measurement Instruments: web-logs of use, teacher feedback

Frequency of Analysis: quarterly

Strategy 8: United Streaming Service expanded

Expected Results: Student achievement and 21st Century Skills met in K-12 classrooms will increase with use of service

Indicators of Success: Incorporation of service into curriculum by teachers

Measurement Instruments: web-logs of use, teacher feedback

Frequency of Analysis: quarterly

Strategy 9: United Streaming Service continued

Expected Results: Student achievement and 21st Century Skills met in K-12 classrooms will increase with use of service

Indicators of Success: Incorporation of service into curriculum by teachers

Measurement Instruments: web-logs of use, teacher feedback

Frequency of Analysis: quarterly

Professional Development

Goal 1: Advancing Staff Technological Skills

Strategy 1: Technology Training for specific skills

Expected Results: Staff will improve their technology skills and become more effective users of technology

Indicators of Success: Fewer problems reported with use of hardware or applications

Measurement Instruments: Teacher surveys and evaluations of workshops

Frequency of Analysis: at conclusion of each session

Strategy 2: Develop curriculum

Expected Results: Staff will become well versed in curriculum standards incorporating the NETS and the ILS

Indicators of Success: Lesson plans will indicate more integration of technology into the classroom

Measurement Instruments: Staff evaluations, student benchmarks

Frequency of Analysis: annually

Strategy 3: Administrator Training

Expected Results: Administrators will successfully guide teaching staff towards achieving curriculum integration.

Indicators of Success: Observance of classrooms and lesson plans will show increased integration of technology.

Measurement Instruments: teacher evaluations

Frequency of Analysis: annually

Strategy 4: Technology Handbook

Expected Results: Staff members will become familiar with and more proficient in basic technology skills

Indicators of Success: fewer hardware problems, effective use of software applications and fewer server and file problems encountered

Measurement Instruments: teacher feedback

Frequency of Analysis: annually

Strategy 5: Improve online communication and resources

Expected Results: Less paper will be used in communication and teachers will be able to choose from a wide array of resources.

Indicators of Success: Increased use of on-line resources

Measurement Instruments: web logs, staff feedback

Frequency of Analysis: annually

Technology Deployment & Sustainability

Goal 1: Effective Network with adequate capacity and speed

Strategy 1: Conduct a LAN/WAN analysis of all District network

Expected Results: District servers and network hardware will be analyzed, maintained for efficient operation

Indicators of Success: LAN/WAN is meeting the needs of all network users

Measurement Instruments: System logs, assistance requests logs with resolution status. Minutes of Technology meetings

Frequency of Analysis: Every other day

Goal 2: Hardware and Software Maintenance

Strategy 1: Replace 2 of the District's mobile labs by leasing

Expected Results: Students and teachers will have mobile labs available to increase anywhere any time learning.

Indicators of Success: The mobile labs are available in each building for daily student and teacher use. Student's use of technology for research and communication will improve.

Measurement Instruments: Each mobile lab will have a logbook for sign out which provides details such as hours of use, which teachers are using the labs and for what purpose.

Frequency of Analysis: Analysis will weekly, quarterly and at the end of each semester. Reports of use will sent each buildings principal.

Strategy 2: Computer Labs

Expected Results: Students and teachers will have labs available for computer class and for use when not used for computer class to enhance student learning across the curriculum.

Indicators of Success: The computer labs are available in each building for daily student and teacher use after computer classes are finished. Student's use of technology for research and communication will improve.

Measurement Instruments: Each lab will have a logbook for sign in which provides details such as hours of use, which teachers are using the labs and for what purpose.

Frequency of Analysis: Analysis weekly, quarterly and at the end of each semester. Reports of use will sent each buildings principal.

Strategy 3: Classroom computers

Expected Results: Students and teachers will have access up to date computers in the classroom.

Indicators of Success: All classrooms will have up to date computers. Both teachers and students to further District 272's vision of technology integration into the curriculum will use these computers.

Measurement Instruments: Teachers lesson plans will detail the use of the computers into their curriculum. The lesson plans will be reviewed and a report given to the Technology Department with details on daily usage.

Frequency of Analysis: Every quarter and at the end of the year.

Strategy 4: Purchase LCD Projectors

Expected Results: Digital and visual media will increase student learning through the access of key content.

Indicators of Success: Teachers at all grade levels will add presentations of student's work or video content into their teaching. A majority of teachers will attend training in the use of the projectors.

Measurement Instruments: Enrollment into projector use workshops and Unitedstreaming statistics.

Frequency of Analysis: Analysis will be quarterly and at the end of each semester. Reports of use will sent each buildings principal.

Strategy 5: Purchase Microsoft Office Professional

Expected Results: Students and teachers the same productivity software standard across the District.

Indicators of Success: Teachers and students will be able to exchange files without conflicts. Student's assignments done at home will open readily.

Measurement Instruments: Building requests for assistance logs will show a decline for both students and teachers

Frequency of Analysis: Analysis will be weekly, with reports sent to the Tech Advisory committees and building Principals.

Goal 3: Maintenance of Technology

Strategy 1: Full Time Technology Coord. and Full Tech Assist.

Expected Results: Technology integration into curriculum will increase. Problems will be resolved with little or no time lag.

Indicators of Success: Technology issues will be resolved almost immediately with little impact on students and teachers. Technology integration and use will increase.

Measurement Instruments: Surveys will be done to assure all students, staff and Administrators needs are being meet.

Frequency of Analysis: Informal surveys will be done on a regular basis, with an formal survey done at the end of each semester.

Strategy 2: Computer repair and maintenance.

Expected Results: All district technology will be in working order with upgrades at a regular schedule.

Indicators of Success: All students, teachers and administrators will have working technology to enhance their learning or work experience. Technology in good condition and working order will have a direct impact on student achievement.

Measurement Instruments: Maintenance logs, upgrade logs Internet use age logs and assistance request logs.

Frequency of Analysis: Analysis will be quarterly.

Strategy 3: Redeployment of Equipment

Expected Results: Technology will be deployed into the classroom for the benefit of the Students and teachers. Technology of no further use will be removed with out delay.

Indicators of Success: All students, teachers, and Administrators will have access to computers they need to accomplish their day-to-day tasks. The redeployed technology will reduce the student to computer ratio.

Measurement Instruments: District technology will be inventoried, age and functionally assessed to determine usefulness of the technology.

Frequency of Analysis: Analysis will be done annually.

Goal 4: District 272 Compliance of School Policies

Strategy 1: Require adherence to all policies

Expected Results: Students and teachers will have Internet Permission Forms by the end of the first week of school. The Internet filter will block inappropriate sites from users. All users must adhere to policies set forth by the district.

Indicators of Success: A checklist will be made to determine if all students and staff members have Internet permission forms in place. Technology use without allowing access to inappropriate sites will take place.

Measurement Instruments: Internet usage logs from the filter server, building access logs, Student conduct logs from the Student Information system.

Frequency of Analysis: Analysis will weekly, quarterly and at the end of each semester.

Section 8: Timeline

Start Date	End Date	Goal Type	Strategy	Timeframe
7/1/2005	6/30/2006	Community Involvement	Review and update current websites Goal: District and Individual School Websites	2005-2006
7/1/2005	6/30/2008	Technology Deployment & Sustainability	Classroom computers Goal: Hardware and Software Maintenance	2005-2006 2006-2007 2007-2008
7/1/2005	8/1/2008	Technology Deployment & Sustainability	Full Time Technology Coord. and Full Tech Assist. Goal: Maintenance of Technology	2005-2006 2006-2007 2007-2008
7/1/2005	6/1/2008	Technology Deployment & Sustainability	Computer repair and maintenance. Goal: Maintenance of Technology	2005-2006 2006-2007 2007-2008
7/1/2005	6/30/2008	Technology Deployment & Sustainability	Redeployment of Equipment Goal: Maintenance of Technology	2005-2006 2006-2007 2007-2008
7/1/2005	6/30/2008	Technology Deployment & Sustainability	Require adherence to all policies Goal: District 272 Compliance of School Policies	2005-2006 2006-2007 2007-2008
7/1/2005	6/30/2008	Community Involvement	Collect parent email information Goal: Parental Access to Student Information	2005-2006 2006-2007 2007-2008
7/1/2005	6/30/2008	Community Involvement	Post information on website Goal: Parental Access to Student Information	2005-2006 2006-2007 2007-2008
7/1/2005	6/30/2008	Community Involvement	Offer Access to Computers Goal: Educating the Community	2005-2006 2006-2007 2007-2008
7/1/2005	6/30/2008	Community Involvement	Present Tech Awareness Sessions Goal: Educating the Community	2005-2006 2006-2007 2007-2008
7/1/2005	6/30/2008	Community Involvement	Community Technology Classes Goal: Educating the Community	2005-2006 2006-2007 2007-2008
7/1/2005	6/30/2008	Curriculum & Instruction	Technology workshops for students. Goal: Meet standards through technology	2005-2006 2006-2007 2007-2008

7/1/2005	6/30/2008	Curriculum & Instruction	Standardize software applications used. Goal: Meet standards through technology	2005-2006 2006-2007 2007-2008
7/1/2005	6/30/2006	Curriculum & Instruction	Use of STAR Math and Accelerated Math Goal: Meet standards through technology	2005-2006
7/1/2005	6/30/2008	Curriculum & Instruction	Destination Reading implemented in 5th through 8th Goal: Meet standards through technology	2005-2006 2006-2007 2007-2008
7/1/2005	6/30/2006	Curriculum & Instruction	United Streaming Service piloted Goal: Meet standards through technology	2005-2006
7/1/2005	6/30/2008	Professional Development	Technology Training for specific skills Goal: Advancing Staff Technological Skills	2005-2006 2006-2007 2007-2008
7/1/2005	6/30/2008	Professional Development	Develop curriculum Goal: Advancing Staff Technological Skills	2005-2006 2006-2007 2007-2008
7/1/2005	6/30/2008	Professional Development	Administrator Training Goal: Advancing Staff Technological Skills	2005-2006 2006-2007 2007-2008
7/1/2005	6/30/2008	Professional Development	Technology Handbook Goal: Advancing Staff Technological Skills	2005-2006 2006-2007 2007-2008
7/1/2005	6/30/2008	Professional Development	Improve online communication and resources Goal: Advancing Staff Technological Skills	2005-2006 2006-2007 2007-2008
7/1/2005	6/30/2008	Technology Deployment & Sustainability	Replace 2 of the District's mobile labs by leasing Goal: Hardware and Software Maintenance	2005-2006 2006-2007 2007-2008
10/1/2005	6/30/2008	Technology Deployment & Sustainability	Conduct a LAN/WAN analysis of all District network Goal: Effective Network with adequate capacity and speed	2005-2006 2006-2007 2007-2008
12/1/2005	6/30/2006	Community Involvement	Student information online Goal: Parental Access to Student Information	2005-2006
7/1/2006	6/30/2007	Community Involvement	Student information online Goal: Parental Access to Student Information	2006-2007

7/1/2006	6/30/2008	Technology Deployment & Sustainability	Purchase LCD Projectors Goal: Hardware and Software Maintenance	2006-2007 2007-2008
7/1/2006	8/1/2007	Technology Deployment & Sustainability	Purchase Microsoft Office Professional Goal: Hardware and Software Maintenance	2006-2007
7/1/2006	6/1/2007	Technology Deployment & Sustainability	Computer Labs Goal: Hardware and Software Maintenance	2006-2007
7/1/2006	6/30/2008	Community Involvement	Redesign and monitor all websites Goal: District and Individual School Websites	2006-2007 2007-2008
7/1/2006	6/30/2007	Curriculum & Instruction	United Streaming Service expanded Goal: Meet standards through technology	2006-2007
7/1/2006	6/30/2007	Curriculum & Instruction	Expansion of STAR Math and Accelerated Math Goal: Meet standards through technology	2006-2007
7/1/2007	6/30/2008	Curriculum & Instruction	Continuation of STAR Math and Accelerated Math Goal: Meet standards through technology	2007-2008
7/1/2007	6/30/2008	Curriculum & Instruction	United Streaming Service continued Goal: Meet standards through technology	2007-2008
7/1/2007	6/30/2008	Community Involvement	Student information online Goal: Parental Access to Student Information	2007-2008

Section 9: Budget & Financial Plan

Phase 1

Community Involvement (2005-2006)

Goal	Strategy	Funding Source	Cost
District and Individual School Websites	Review and update current websites	NA	\$.00
Parental Access to Student Information	Student information online	Local funds	\$350.00
Parental Access to Student Information	Collect parent email information	NA	\$.00
Parental Access to Student Information	Post information on website	NA	\$.00
Educating the Community	Offer Access to Computers	Local funds and lab fees	\$4,500.00
Educating the Community	Present Tech Awareness Sessions	Local funds	\$2,250.00
Educating the Community	Community Technology Classes	The nominal fees charged will be used to pay for the district's implementation of the services. Donations and waiver procedures will be established.	\$1,500.00
Subtotal:			\$8,600.00

Curriculum & Instruction (2005-2006)

Goal	Strategy	Funding Source	Cost
Meet standards through technology	Technology workshops for students.	NA	\$.00
Meet standards through technology	Standardize software applications used.	NA	\$.00
Meet standards through technology	Use of STAR Math and Accelerated Math	Title 1	\$3,000.00

Meet standards through technology	Destination Reading implemented in 5th through 8th	Title 1	\$3,000.00
Meet standards through technology	United Streaming Service piloted	Bock Grant	\$1,500.00
Subtotal:			\$7,500.00

Professional Development (2005-2006)

Goal	Strategy	Funding Source	Cost
Advancing Staff Technological Skills	Technology Training for specific skills	Local funds	\$1,000.00
Advancing Staff Technological Skills	Develop curriculum	NA	\$.00
Advancing Staff Technological Skills	Administrator Training	NA	\$.00
Advancing Staff Technological Skills	Technology Handbook	Technology funds	\$3,000.00
Advancing Staff Technological Skills	Improve online communication and resources	Local funds	\$2,000.00
Subtotal:			\$6,000.00

Technology Deployment & Sustainability (2005-2006)

Goal	Strategy	Funding Source	Cost
Effective Network with adequate capacity and speed	Conduct a LAN/WAN analysis of all District network	NA	\$.00
Hardware and Software Maintenance	Replace 2 of the District's mobile labs by leasing	Tech Budget	\$15,500.00
Hardware and Software Maintenance	Classroom computers	Tech budget	\$8,000.00
Maintenance of Technology	Full Time Technology Coord. and Full Tech Assist.	Local Funds	\$55,000.00
Maintenance of Technology	Computer repair and maintenance.	Local funds and lab fees	\$4,500.00

Maintenance of Technology	Redeployment of Equipment	na	\$.00
District 272 Compliance of School Policies	Require adherence to all policies	Education Fund	\$3,500.00
Subtotal:			\$86,500.00
Phase Total:			\$108,600.00

Phase 2

Community Involvement (2006-2007)

Goal	Strategy	Funding Source	Cost
District and Individual School Websites	Redesign and monitor all websites	NA	\$.00
Parental Access to Student Information	Student information online	Local funds	\$700.00
Parental Access to Student Information	Collect parent email information	NA	\$.00
Parental Access to Student Information	Post information on website	NA	\$.00
Educating the Community	Offer Access to Computers	Local funds and lab fees	\$4,500.00
Educating the Community	Present Tech Awareness Sessions	Local funds	\$2,250.00
Educating the Community	Community Technology Classes	The nominal fees charged will be used to pay for the district's implementation of the services. Donations and waiver procedures will be established.	\$1,500.00
Subtotal:			\$8,950.00

Curriculum & Instruction (2006-2007)

Goal	Strategy	Funding Source	Cost
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Meet standards through technology	Technology workshops for students.	NA	\$.00
Meet standards through technology	Standardize software applications used.	NA	\$.00
Meet standards through technology	Expansion of STAR Math and Accelerated Math	Title 1	\$3,000.00
Meet standards through technology	Destination Reading implemented in 5th through 8th	Title 1	\$3,000.00
Meet standards through technology	United Streaming Service expanded	Bock Grant	\$3,000.00
Subtotal:			\$9,000.00

Professional Development (2006-2007)

Goal	Strategy	Funding Source	Cost
Advancing Staff Technological Skills	Technology Training for specific skills	Local funds	\$1,000.00
Advancing Staff Technological Skills	Develop curriculum	NA	\$.00
Advancing Staff Technological Skills	Administrator Training	NA	\$.00
Advancing Staff Technological Skills	Technology Handbook	Technology funds	\$3,000.00
Advancing Staff Technological Skills	Improve online communication and resources	Local funds	\$2,000.00
Subtotal:			\$6,000.00

Technology Deployment & Sustainability (2006-2007)

Goal	Strategy	Funding Source	Cost
District 272 Compliance of School Policies	Require adherence to all policies	Education Fund	\$3,500.00
Effective Network with adequate capacity and speed	Conduct a LAN/WAN analysis of all District network	NA	\$.00
Hardware and Software Maintenance	Replace 2 of the District's mobile labs by leasing	Tech Budget	\$15,500.00

Hardware and Software Maintenance	Computer Labs	Tech Budget	\$14,000.00
Hardware and Software Maintenance	Classroom computers	Tech budget	\$8,000.00
Hardware and Software Maintenance	Purchase LCD Projectors	Amboy Education Foundation	\$4,800.00
Hardware and Software Maintenance	Purchase Microsoft Office Professional	Curriculum and Instruction budget	\$6,000.00
Maintenance of Technology	Full Time Technology Coord. and Full Tech Assist.	Local Funds	\$55,000.00
Maintenance of Technology	Computer repair and maintenance.	Local funds and lab fees	\$4,500.00
Maintenance of Technology	Redeployment of Equipment	na	\$.00
Subtotal:			\$111,300.00
Phase Total:			\$135,250.00

Phase 3

Community Involvement (2007-2008)

Goal	Strategy	Funding Source	Cost
District and Individual School Websites	Redesign and monitor all websites	NA	\$.00
Parental Access to Student Information	Student information online	Local funds	\$700.00
Parental Access to Student Information	Collect parent email information	NA	\$.00
Parental Access to Student Information	Post information on website	NA	\$.00
Educating the Community	Offer Access to Computers	Local funds and lab fees	\$4,500.00
Educating the Community	Present Tech Awareness Sessions	Local funds	\$2,250.00

Educating the Community	Community Technology Classes	The nominal fees charged will be used to pay for the district's implementation of the services. Donations and waiver procedures will be established.	\$1,500.00
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Subtotal: \$8,950.00

Curriculum & Instruction (2007-2008)

Goal	Strategy	Funding Source	Cost
Meet standards through technology	Technology workshops for students.	NA	\$.00
Meet standards through technology	Standardize software applications used.	NA	\$.00
Meet standards through technology	Continuation of STAR Math and Accelerated Math	Title 1	\$250.00
Meet standards through technology	Destination Reading implemented in 5th through 8th	Title 1	\$3,000.00
Meet standards through technology	United Streaming Service continued	Local funds	\$3,000.00
Subtotal:			\$6,250.00

Professional Development (2007-2008)

Goal	Strategy	Funding Source	Cost
Advancing Staff Technological Skills	Technology Training for specific skills	Local funds	\$1,000.00
Advancing Staff Technological Skills	Develop curriculum	NA	\$.00
Advancing Staff Technological Skills	Administrator Training	NA	\$.00
Advancing Staff Technological Skills	Technology Handbook	Technology funds	\$3,000.00
Advancing Staff Technological Skills	Improve online communication and resources	Local funds	\$2,000.00

Subtotal: \$6,000.00

Technology Deployment & Sustainability (2007-2008)

Goal	Strategy	Funding Source	Cost
Effective Network with adequate capacity and speed	Conduct a LAN/WAN analysis of all District network	NA	\$.00
Hardware and Software Maintenance	Replace 2 of the District's mobile labs by leasing	Tech Budget	\$15,500.00
Hardware and Software Maintenance	Classroom computers	Tech budget	\$8,000.00
Hardware and Software Maintenance	Purchase LCD Projectors	Amboy Education Foundation	\$4,800.00
Maintenance of Technology	Full Time Technology Coord. and Full Tech Assist.	Local Funds	\$55,000.00
Maintenance of Technology	Computer repair and maintenance.	Local funds and lab fees	\$4,500.00
Maintenance of Technology	Redeployment of Equipment	na	\$.00
District 272 Compliance of School Policies	Require adherence to all policies	Education Fund	\$3,500.00
Subtotal:			\$91,300.00
Phase Total:			\$112,500.00
Grand Total:			\$356,350.00

Section 10: Appendices

Document	Link
21st Century Skills	http://www.21stcenturyskills.org/downloads/p21_report.pdf
Acceptable Use Policy	http://www.amboy.net/techplan/aup_policy.pdf
Amboy High School Erate building inventory	http://www.amboy.net/techplan/erate_building_inventory_hs.pdf
Amboy Junior High Erate building inventory	http://www.amboy.net/techplan/erate_building_inventory_ajhs.pdf
Central Elementary Erate building inventory	http://www.amboy.net/techplan/erate_building_inventory_ac.pdf
Erate Tech Plan Addendum	http://www.amboy.net/techplan/erate_tech_plan.pdf
Gap Analysis Tool for Technology and Learning Report Card	http://www.amboy.net/techplan/amboygaptool.doc
Illinois Learning Standards	http://www.isbe.net/ils/
Network and Application software inventory	http://www.amboy.net/techplan/network_and_application_software_inventory.doc
School and District Report Cards	http://www.amboy.net/dist_report_cards/reportcards
Superintendent Letter	http://www.amboy.net/techplan/supt_letter.pdf
Tool 21_Tool_Capacity_Agi.rtf	http://www.amboy.net/techplan/tool_21_tool_capacity_agi.rtf
Tool 5 Community Survey	http://www.amboy.net/techplan/tool05commsurvey.doc
Tool 7 Teacher Technology and Learning Survey	http://www.amboy.net/techplan/tool07teachert&lsurvey.doc
Tool 8 Student Technology & Learning Survey	http://www.amboy.net/techplan/tool08studentt&lsurvey.doc