

Delanco School District Three-Year Technology Plan

July 1, 2010 through June 30, 2013

See the *PAGE #* column for the page number from the district technology plan where the corresponding information can be found.

Page #	
I. Stakeholders	
6	<p><i>Provide the title, name and signature of each member of the technology planning committee. It is expected that there will be representation from at least nine of the positions indicated on the stakeholder sample table. Please provide an explanation if there is not a minimum of nine members on the technology planning committee.</i></p>
II. EXECUTIVE SUMMARY	
8	<p><i>Describe the school district's or charter school's vision or mission statement.</i></p>
III. TECHNOLOGY OVERVIEW	
A. Technology	
9 & 10	<p>1. <i>Provide an inventory of current technology networking and telecommunications equipment.</i></p>
10	<p>2. <i>Describe the technology inventory <u>needed to improve</u> student academic achievement through 2013 including, but not limited to:</i></p> <ul style="list-style-type: none"> ▪ <i>Technology equipment</i> ▪ <i>Networking capacity</i> ▪ <i>Software used for curricular support and filtering</i> ▪ <i>Technology maintenance policy and plans</i> ▪ <i>Telecommunications services</i> ▪ <i>Technical support</i> ▪ <i>Facilities infrastructure</i> ▪ <i>Other services</i>
11	<p>3. <i>Describe how the district integrates assistive technology devices into the network to accommodate student needs.</i></p>
12	<p>4. <i>How educators have access to educational technology in their instructional areas such as using desktops, mobile laptop and wireless units, PDAs.</i></p> <p><i>(NOTE: For purposes of this document, <u>educators</u> are defined as school staff members who teach children, including librarians and media specialists.)</i></p>
12	<p>5. <i>How administrators have access to technology in their workplace (such as using desktops, mobile laptop and wireless units, PDAs).</i></p>
12	<p>6. <i>Describe how the district's web site is accessible to all stakeholders (for example using Federal Accessibility Standards)</i></p>
12	<p>7. <i>Describe the plan for replacing obsolete computers/technology and include the criteria for obsolescence.</i></p>

B. Cyber Safety	
13	1. List the filtering method(s) used. (NOTE: Be specific as this is a federal mandate.)
13-14 15-16	2. Identify the Acceptable Use Policies (AUP) used for students and staff and include a copy of the AUPs with the submission of this technology plan.
14	3. Describe the district's Internet safety policy that addresses the a) technology protection measure that protects against access through computers with Internet access to visual depictions by adults or minors that are— (I) obscene; or (II) child pornography; or (III) harmful to minors; and b) process for educating minors about appropriate online behavior, including interacting with other individuals on social networking websites and in chat rooms, and cyberbullying awareness and response, as required by the Protecting Children in the 21st Century Act.
14	4. Indicate the dates when the school district provided the community with public notice and a hearing to address any proposed Internet safety policies adopted by the school district pursuant to CIPA. (Note: This is a requirement by e-rate only for those entities that have not already provided such notice and hearing related to an Internet safety policy and technology protection measure.) Resource: Information from Universal Service Code: http://www.law.cornell.edu/uscode/html/uscode47/usc_sec_47_00000254----000-.html
C. Needs Assessment	
17-20	1. Complete a needs assessment for educational technology in your school district or charter school. Begin by determining current status. Afterwards, determine the educational needs, prioritize the identified needs and plan for necessary changes through goals and objectives.
21	a. Evaluate educators' current practices in integrating technology across the curriculum.
21	b. Provide a summary of educators' proficiency in the use of technology within the district.
21-22	c. Determine the current educational environment and barriers by describing how:
21	i. Educators are assured access to technology to facilitate technology integration across the curriculum,
21	ii. Often students have access to technology to support the use of 21 st century skills in their learning environment,
21	iii. The needs of educators are evaluated,
21	iv. The needs of students are evaluated,
21	v. Past professional development addressed the educators' and students' needs for technology integration,
22	vi. Past professional development for all administrators was provided to further the effective use of technology in the classroom or library media center,
22	vii. Ongoing, sustained professional development was provided in 2009-2010 for all educators to further the effective use of technology in the classroom and library

	<i>media center,</i>
22	viii. <i>Ongoing, sustained professional development was provided in 2009-2010 for administrators to further support the effective use of technology in the classroom or library media center,</i>
22	ix. <i>Supports were provided for educators other than professional development,</i>
22	x. <i>Professional development needs and barriers relating to using educational technology as part of instruction have been identified.</i>
22	2. <i>Based on the answers given above, indicate the needs of the district to improve academic achievement for all students through the integration of technology across all curricular areas.</i>
22	3. <i>Prioritize the identified needs</i>

IV. THREE-YEAR GOALS AND OBJECTIVES

A. History

23 Evaluate each goal from the previous plan, in one or two sentences, detailing each goal's success, or reasons for continuation, or issues preventing its success.

B. Goals and Objectives for 2010-2013

23 Modify goals and write new goals to meet the needs identified from the assessments. Goals for 2010-2013 should support district need and align with the state plan.

V. THREE-YEAR IMPLEMENTATION AND STRATEGIES TABLES (July 2010 – June 2013)

24	
Table 29	A. <i>Describe the implementation strategies/activities that relate to the goals and objectives. Include in the description the timeline, person responsible and documentation (or evidence) that will prove the activity occurred.</i>
24	B. <i>Develop strategies to ensure that the technology plan addresses the use of technology, including assistive technology, to support 21st century learning communities.</i>
24	C. <i>Provide details of the process for meeting the NCLB requirement that all students be technologically literate by the end of grade eight.</i>
24	D. <i>Identify specific telecommunications and information technologies and any other specific resources that are useful to reach the stated goal.</i>

VI. FUNDING PLAN (July 2010 – June 2011)

25	A. <i>Provide the anticipated costs for 2010-2011 and then indicate the projected funding for 2012-2013 of the technologies to be acquired. Include expenses such as hardware/software, digital curricula including NIMAS compliance, upgrades and other services including print media that will be needed to achieve the goals of this plan. Also incorporate specific provisions for interoperability among components of such technologies to successfully achieve the goals of this plan.</i>
25	B. <i>Indicate the federal, state, local and other sources of funds used to help ensure that students have access to technology and ensure that <u>educators</u> are prepared to integrate technology effectively into curricula and instruction.</i>
25	C. <i>Attach a copy of the board approval for this technology plan. Be sure it includes the budget for the first year of this plan.</i>
25	D. <i>A board approved budget for each successive year of this plan must be filed with the technology plan</i>

Table 30,31,32	<i>for e-rate auditing purposes.</i>
25	<p><i>E. Provide your technology plan's creation date which, as defined by e-rate, is the point when these five elements are in your plan.</i></p> <p><i>Those elements are:</i></p> <ul style="list-style-type: none"> • <i>Goals and strategies for using telecommunications and information technology;</i> • <i>A professional development strategy;</i> • <i>An assessment of telecommunications services, hardware, software, and other services needed;</i> • <i>Budget resources; and</i> • <i>An ongoing evaluation process.</i>

VII. PROFESSIONAL DEVELOPMENT

26	<p><i>A. Provide the name and title of the person responsible for coordinating the professional development activities as stated in the district's professional development plan and noted in this plan.</i></p>
26	<p><i>B. Describe the planned professional development activities for teachers, administrators, and school library media personnel that include:</i></p>
26	<p><i>1. How ongoing, sustained professional development for all administrators will be provided to further the effective use of technology in all learning environments.</i></p>
26	<p><i>2. How ongoing, sustained professional development for all educators will be provided that furthers the effective use of technology, models 21st century skills and demonstrates global outreach and collaboration in the classroom or library media center.</i></p>
26	<p><i>3. The professional development opportunities and resources that exist for technical staff.</i></p>
26	<p><i>4. How professional development is provided to all staff on the application of assistive technologies to support all students in their learning.</i></p>
26	<p><i>C. Based on educators' proficiency and the identified needs for professional development, describe only the ongoing, sustained high-quality professional development opportunities planned for 2010-2011 as they relate to the infusion of technology into the curricular process. Include a description of in-class support, such as coaching, that is used to ensure effective use of technology to improve learning. Also, include a description of the involvement of all partners associated with professional development for the district.</i></p>
27	<p><i>D. Project professional development activities that will continue to support identified needs through 2013, including all partners.</i></p>

VIII. EVALUATION PLAN

28	<p><i>Describe the evaluation process and accountability measures that monitor progress and mid-course corrections that are used to regularly evaluate the extent to which goals, objectives, activities, resources and services are effective in</i></p> <p><i>1. Integrating technology into curricula and instruction to promote 21st century skills and global</i></p>
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	<i>collaboration and outreach,</i>
28	2. <i>Enabling students to meet challenging state academic standards, and</i>
28	3. <i>Developing life-long learning skills.</i>

DELANCO SCHOOLS
2010-2013 TECHNOLOGY PLAN

I. Stakeholders

Stakeholder Signature Page

*Do not use a business member who may wish to provide the district with e-rate services. Providers of e-rate services should not be part of the committee's make-up. Follow district and state ethics policy as it relates to conflict of interest.

Stakeholder Table		
Title	Name	Signature
Superintendent	Walter Bowyer	
Principal	Barbara Behnke	
Technology Coordinator	Richard Buscher	
Curriculum Director/Curriculum Committee Member	John Cogan	
Teacher	Curt Mount	
Special Education Teacher	Peg Greway	
Library Media Specialist		
Guidance		
Board Member	JoAnn Donnelly	
Parent	Sonya Nestor	
Student		
Community Member	Pegeen Harper	
Business Sector Representative*		

Narrative (explanation if other members were part of the discussion, or if less than the required nine members were reported above):

II. Executive Summary

Delanco Schools Mission Statement

Delanco Township School District will provide a technology program that will be applied to all areas of the curriculum for its students, staff and community. The educational process will include the integration of technology and the skills to successfully use it. High quality, ongoing training and support programs will be put in place to achieve the effective utilization of technology. This environment will enhance learning by developing individuals to become self directed and collaborative learners, complex thinkers, effective communicators and quality producers.

III. Technology Overview

III.A.1. Inventory

a. Walnut Street School

* Telecommunications:

- AVAYA IP Office 3.2 telecommunications and inter-office/classroom communications system.
- Two Dell 24 port network switches.

* Computers, printers, and classroom hardware:

- Classrooms (20)
- Offices (11)
- Computer Lab (26)
- Mini-Lab (12)
- Servers (3)
- Library (3)
- Wireless Mobile Lab with wireless laptops (26)
- Network Printers (7)
- Classrooms Printers (1)
- Computer network CAT 5e/6 and Fiber Optic Switches (12)
- Smart Boards (5)
- Computer Network hardware Firewall; Secure School. (1)
- Scanners (2)

* Software:

- Symantec End-Point Anti-Virus (110 Licenses)
- Microsoft Windows Server 2003 Network Operating System (1)
- Microsoft Windows XP Pro (All computers)
- Microsoft Office XP Standard (75 Licenses)
- Microsoft Office Pro 2003 (50 Licenses)
- Microsoft Terminal Server (10 Licenses)
- Various content curriculum application software

b. Pearson School

* Telecommunications:

- AVAYA IP Office 3.2 telecommunications and inter-office/classroom communications system.
- Two Dell 24 and one 48 port network switches (3)
- Two HP 24 port network switches (2)
- Secure Router Library computers Internet access

* Computers, printers, and classroom hardware

- Classrooms (48)
- Offices (12)
- Computer Lab (28)
- Apple G3 Library computers (10)
- Servers (4)
- Network Printers (9)
- Classrooms Printers (3)
- Computer network CAT 5e/6 and Fiber Optic Switches (25)
- Smart Boards (9)
- Scanners (2)

* Software:

- Symantec End-Point Anti-Virus (110 Licenses)
- Microsoft Windows Server 2003 Network Operating System (2)
- Microsoft Windows XP Pro (All computers)
- Microsoft Office XP Standard (75 Licenses)
- Microsoft Office Pro 2003 (50 Licenses)
- Microsoft Terminal Server (10 Licenses)
- Magic School Bus (1 network license)
- Renaissance Place/STAR on-line network reading program
- Edmark RiverDeep Student Management System
- Various content curriculum application software

III.A.2. The technology needed to improve student academic achievement through 2013 include the following:

- Forty (40) personal computers, one per classroom
- Replace 5 computers in the Administration Offices
- Nine (9) Smart Boards
- Two (2) networked printer/copiers
- Enhanced Broadband Internet access
- Network Servers (2)
- Storage Access Network (SAN)
- Video distribution system in Pearson and Walnut Street Computer Labs
- Ceiling mounted video system in Pearson and Walnut Street auditoriums
- Upgraded Network Operating System (Server) software (4 licenses)
- Two (2) replacement networked printer/copiers
- Upgrade Workstation Operating System to Windows 7 software (200 licenses)
- Upgrade and training to Microsoft Office 2009 software (200 licenses)
- Upgrade all computer systems to 2 GB of Random Access Memory
- District Web Page Upgrade
- Software for Curricular/Filtering Support:

Pearson School

- Synchron Eyes Upgrade
- Encarta Premium Upgrade
- Symantec Anti-Virus (renewal)
- BrainPOP (renewal)
- Teacher WebPage (renewal)
- Assistive Technology (renewal)
- Type to Learn Upgrade
- Jump Start Advanced Upgrade
- Story Book Weaver Upgrade

Walnut Street School

- Synchron Eyes Upgrade
- Encarta Premium
- Interactive Math Toolbox
- Type to Learn Upgrade
- Mavis Beacon Upgrade
- BrainPOP Jr. (renewal)
- Teacher WebPage (renewal)
- Secure School (renewal)

III.A.3. ASSISTIVE TECHNOLOGY AND SERVICES

Students with disabilities have special challenges and may need assistive technology in order to more fully participate in their classrooms, homes, communities and workplaces. Through the use of assistive technology and services these students will have the opportunity to become more independent and self-reliant.

The Board of Education expects each IEP team to include in their deliberations the use of assistive technology devices and services to aid students with disabilities. The Board also directs that students who qualify under Section 504 of the Rehabilitation Act be provided with assistive technology devices and services when deemed necessary. "Assistive technology device" means any item, piece of equipment, or product system, whether acquired commercially off the shelf, modified, or customized, that is used to increase, maintain, or improve functional capabilities of a child with a disability.

"Assistive technology service" means any service that directly assists a child with a disability in the selection, acquisition, or use of assistive technology devices. The Board encourages the faculty to develop the appropriate skills necessary to effectively access, analyze, evaluate, and utilize assistive technology resources and assistive technology services. The Board designates the Technology Coordinator and the Child Study Team Manager as the administrator(s) responsible for initiating, implementing, and enforcing this policy and its accompanying guidelines as they apply to the use of assistive technology and services in the District. Current assistive technology application software packages installed on various computers around the district are:

- Microsoft Accessibility Wizard
- Microsoft Narrator
- Microsoft Magnifier
- Microsoft On-Screen Keyboard
- Premier AT E-Text Reader
- Premier AT Talking Calculator
- Premier AT Talking Checkbook
- Premier AT Talking Dictionary
- Premier AT Talking Word Processor
- Text to Audio
- Premier Universal Reader
- Rosetta Stone

In accordance with:

- * Individuals with Disabilities Act (IDEA) Amendments of 1997
- * Section 504 Rehabilitation Act of 1973
- * Assistive Technology Act (P.L. 105 – 394) 1998

Other Assistive Technology Resources:

- <http://www.gpat.org/Resources%20Main.htm>
- http://www.wati.org/AT_Services/at-services.html
- <http://www.wati.org/Curriculum/curriculum.html>

The New Jersey Department of Education – Office of Special Education:

- <http://www.nj.gov/njded/specialed/>

III.A.4. All classrooms are equipped with at least two computer systems, except three low usage classrooms that have only one computer system. All rooms and classrooms have Internet access. All student, staff, and faculty are allotted network storage (Home Drives) for folders and files of information and other created elements. Additionally, the Walnut Street School has a wireless mobile cart with twenty-six (26) Laptop computers providing shared use throughout the school building. Fourteen (14) classrooms/computer labs have Smartboards installed and interfaced to the Internet and most have cable T.V. access. All users have access to networked laser printers; black & white and color. All faculty and staff members have assigned district e-mail accounts.

III.A.5. All administration offices (BOE, Principle, Curriculum Supervisor, Nurse, Child Study Team, Counselor, Physical Education, Maintenance, etc.) have Internet access. All administrative personnel have district wide access to their allotted network storage (Home Drives) for folders and files of information and other created elements. Additionally, the district uses the Genesis Student Management System (SMS) to input student and parent information. The SMS is also used by teachers to enter all student academic grades and performances. All users have access to networked laser printers; black & white and color. All administrative staff members have district provided e-mail accounts.

III.A.6. WEBSITE ACCESSIBILITY

The district has a web site published on the Internet at -www.delanco.com. The web site is accessible to anyone with a computer and internet connection. All stakeholders, including users with handicaps and disabilities are able to access the web site. Additionally, numerous faculty members have created their own web pages also available to all stakeholders located at - www.delanco.com/TeacherWebPages.htm.

III.A.7. PLAN FOR REPLACEMENT

Hardware Retirement

It is recognized that technology hardware has a 'normal' useful life. In an effort to reduce maintenance calls and maintain a quality environment for students, the life cycles for computers and related hardware is based on five (5) years. The district will budget for repairs (not replacement cost) based on a five (5) year life cycles. In cases where it is not economically feasible to repair equipment less than five (5) years old, the equipment will not be repaired. The district will budget for labor costs when repairing equipment between five (5) and six (6) years of age. Equipment older than six years can be repaired (if economically feasible), but calls for parts and labor will be paid for on a time and material basis.

Equipment more then six (6) years old will be considered obsolete and be budgeted for replacement.

Software Retirement

The Technology Coordinator will develop a system that will track software from purchase to retirement. When software has been determined not to meet educational or administrative needs, the software will be deleted from all computers and any master disks/CDs and manuals will be destroyed.

Removal/Disposal of Hardware and Software

All hardware with software, including operating systems that are scheduled for removal from service, will have the hard disk drive disabled by the Technology coordinator. The district cannot sell through bid or give away any computer hardware with application or operating system software installed on it, unless the software and hardware were purchased as a single unit (operation system/application software was pre-installed as part of the hardware purchase). No software disks/CDs or manuals can be sold or given away. All master disks/CDs, backup disks and manuals will be treated as retired software or re-installed on another district asset. All hardware components will be disposed of in a state environmentally approved disposal site.

III.B CYBER SAFETY

III.B.1 The Delanco Township School District uses a hardware and software “Firewall” solution which provides Internet safety. SecureSchool is an Internet hardware/software appliance which combines Internet filtering, proxy server service, firewall, and several other active computer network filtering functions. This keeps students out of sites like “MySpace” and keeps them from evading filtering by blocking use of outside proxy filters. SecureSchool provides multiple methods of filtering, including: URL and domain filtering, content phrase filtering, PICS filtering, MIME filtering, file extension filtering, inside and outside proxy blocking. The SecureSchool appliance becomes the connection between our network and the Internet filtering and monitoring all Internet traffic. It is a device with simple web-based controls that works around the clock to secure the entire network. A properly configured SecureSchool device and software represents a complete solution to *The Children's Internet Protection Act*, E-rate (The Schools and Libraries Program of the Universal Service Fund), and *Protecting Children in the 21st Century Act* compliance.

III.B.2 Internet & Technology Acceptable Use Policies

The following is a partial listing of responsibilities and guidelines as more fully described in the Delanco School District Policy Manual, Section, *2361 Acceptable Use of Computer Network and Computers* and the districts *Acceptable Use Policy*.

Staff Responsibilities

- Help students develop the skills needed to discriminate among information sources, to identify information appropriate to age and developmental levels and to evaluate and use information to meet educational goals.
- Supervise and/or monitor students using the Internet and report violations of the policy consistent with existing discipline reporting procedures. Take an active role in ensuring students and their parents are aware of the individual student's responsibility to use technology resources in an ethical and educational manner.
- Utilize the technology resources and Internet for professional purposes consistent with this and other relevant policies.
- Utilize the available technology to enhance communications with colleagues, parents, and community.

Student Responsibilities

- Demonstrate basic skills in computer use.
- Demonstrate understanding of the district Acceptable Use Policy.
- Do not disclose personal or family information to anyone on the Internet such as phone numbers, credit card numbers, passwords, or home addresses.
- Do not arrange for a face-to-face meeting with strangers and never respond to abusive or suggestive messages. Report all such instances to a teacher or principal.

Computer Network Guidelines

- Use of the district's technology resources must be in support of education and research consistent with educational objectives of the district.
- Comply with all rules and laws regarding access and copying of information as prescribed by Federal, State or local law and Internet providers.
- Be polite and appropriate. Adhere to all standards of courtesy, etiquette and existing school board policies (Library Materials Selection Adoption, Discipline, Harassment/Violence, etc.) as they may be interpreted to apply to technology resources.
- Help maintain security of district technology resources by following this policy and maintaining secrecy of all passwords. All known breaches of security must be reported to an appropriate staff member, teacher, principal or Technology Coordinator.
- Be aware that network files and electronic mail are not guaranteed to be private.
- Do not permit others to use your network account without your direct supervision.

Unacceptable Uses

Unacceptable uses include, but are NOT limited to:

- Providing unauthorized or inappropriate access to district technology resources or data bases, including so-called “hacking” or “cracking” of district or non-district technology resources.
- Any attempt to harm or destroy data of other users or other networks connected to the Internet.
- Distribution or collection of obscene, abusive, threatening or terrorist materials.
- Unauthorized use of school resources for a commercial, illegal or profit-making enterprise.
- Knowingly wasting technology resources.
- Unauthorized printing of materials.
- Physical abuse of equipment.
- Using the technology resources in ways, which violate school policies and behavior standards including inappropriate games and other forms of entertainment.
- Engaging in any inappropriate or offensive harassment or use of derogatory items on the Internet.
- Degrading or disrupting equipment system performance.
- Installing unauthorized software on school computers in violation of the district’s Hardware & Software Copyright Management Policy.
- Using district access for private or personal use or gain.

Accountability

Accountability regarding the use or misuse of technology learning tools will be addressed through all other current relevant policies that guide staff and student expectations and behavior. The use of technology resources and Internet is a privilege, not a right, and inappropriate or unauthorized use will result in disciplinary action, including but not limited to the termination of those privileges.

III.B.

- 3a.** Delanco Township School District uses a hardware and software “Firewall” solution which provides Internet safety. SecureSchool is an Internet hardware/software appliance which combines Internet filtering, proxy server service, firewall, and several other functions. This keeps students out of sites like “MySpace” and keeps them from evading filtering by blocking use of outside proxy filters. SecureSchool filters use multiple methods of filtering, including: URL and domain filtering, content phrase filtering, PICS filtering, MIME filtering, file extension filtering, inside and outside proxy blocking. The SecureSchool appliance becomes the connection between our network and the internet, filtering and monitoring all internet traffic. Secure School is the primary hardware and software method used to protect against internet access to material that is obscene; or child pornography; or harmful to minors as required by the *Protecting Children in the 21st Century Act*.
- 3b.** All students, parents, staff, and users of district computers network resources are required to read and sign the district *Acceptable Use Policy*. This document explains acceptable usage of the hardware and software and how to report any problems or violations. Further awareness is provided via school assemblies, in-class instruction, and constant teacher reinforcement pertaining to appropriate online behavior, including cyber bullying and response and interacting with other individuals on social networking sites and in chat rooms.
- 4.** At a public meeting and hearing of the district Board of Education on March 13, 2002 the community was provided the opportunity to address any proposed Internet safety policies adopted by the school district pursuant to *Children Internet Protection Act* (CIPA).

DELANCO SCHOOL DISTRICT INTERNET ACCEPTABLE USE POLICY

Internet access is available to all Users (“User/s” is/are defined as any student or staff member) in the Delanco School District. We are very pleased to have Internet access, as we believe it offers valuable, diverse, and unique resources to both students and staff. Our goal in providing this service is to promote educational excellence in the district by facilitating resource sharing, innovation, and communication. The Internet is an “electronic highway” connecting millions of computers all over the world, and millions of individual users. Access to the Internet will enable students and staff to explore millions of libraries, databases, and web pages while exchanging messages with users throughout the globe. In addition, the system will be used to increase District communication, enhance productivity and assist District staff in upgrading their skills through greater exchange of information with their peers. The system will also assist the District in sharing information with the local community including parents, social service agencies, government agencies, and businesses.

With access to computers and people from around the world also comes the availability of material that may not be considered to be of educational value in the context of the school setting. Families should be warned that some material obtained via the Internet may contain items that are illegal, defamatory, inaccurate, or potentially offensive. Delanco School District has taken precautions to restrict access to controversial materials. However, on a global network it is impossible to control all materials and an industrious user may discover controversial information, either by accident or deliberately. We firmly believe, however, that the benefits to students from online access far outweighs the possibility that users may procure material that is not consistent with the educational goals of our District.

The purpose of this agreement is to ensure that use of Internet resources is consistent with the district’s stated mission, goals, and objectives. The smooth operation of the network relies upon the proper conduct of the students and staff that must adhere to strict guidelines. These guidelines are provided here so you are aware of the privileges you are about to be granted. If a Delanco School District user violates any of these provisions, his or her account will be terminated and future access could be denied in accordance with these rules and regulations. To gain access to the Internet, all students under the age of 18 must obtain parental permission and parent and student must sign this document. The signature at the end of this document is legally binding and indicates the parties who signed have read the terms and conditions carefully and understand the significance.

- 1) Students are responsible for good behavior on the school computer networks, just as they are in a classroom, or a school hallway general school rules for behavior and communications apply.
- 2) The network is provided for Users to conduct research and communicate with others. Access to network services is given to Users who agree to act in a considerate and responsible manner. Access to the Internet and computer use is a privilege - not a right. That access and use entails responsibility. Inappropriate use will result in a suspension or cancellation of Internet privileges. The Technology Coordinator, with the approval and guidance of the Board of Education, will deem what is inappropriate use and their decision is final and may close an account at any time, as required. The administration, faculty, and staff may request the Technology Coordinator to deny, revoke, or suspend specific user accounts.
- 3) Users are expected to abide by their generally accepted rules of network etiquette and conduct themselves in a responsible, ethical, and polite manner while on-line.
- 4) Users are not permitted to use the computing resources for commercial purposes, product advertising, political lobbying, or political campaigning.
- 5) Users are not permitted to transmit, receive, submit, or publish any defamatory, inaccurate, abusive, obscene, profane, sexually oriented, threatening, offensive, or illegal material.
- 6) Physical or electronic tampering with computer resources is not permitted. Damaging computers, computer systems, computer networks, or any computer resource intentionally will result in cancellation of privileges.
- 7) Users must respect all copyright laws that protect software owners, artists and writers. Plagiarism will not be tolerated.
- 8) Security on any computer system is a high priority, especially when the system involves many users. If you feel you can identify a security problem in the school’s computers, network, or Internet connection, you must notify a Technology Coordinator. Do not demonstrate the problem to others. Using someone else’s password or trespassing in another’s folders, work, or files without written permission is prohibited. Attempts to logon to the Internet as anyone but you may result in cancellation of user privileges.
- 9) Delanco School District makes no warranties of any kind, whether expressed or implied, for the service it is providing. The District assumes no responsibility or liability for any phone charges, line costs or usage fees, nor for any damages a user may suffer. This includes loss of data resulting from delays, non-deliveries, mis-deliveries, or service interruptions caused by its own negligence or your errors or omissions. Use of any information obtained via the Internet is at your own risk. The District specifically denies any responsibility for the accuracy or quality of information obtained through its services.
- 10) All communication and information accessible via the computer resources shall be regarded as private property. However, review of files and messages may be necessary to maintain system integrity and insure that users are using the system responsibly. Messages relating to or in support of illegal activities may be reported to the authorities. Any violations may result in a loss of computer access, as well as other disciplinary or legal action. Users are considered subject to all local, state, and federal laws.
- 11) The Delanco School District is in compliance with *The Children’s Internet Protection Act of 2000* and the *Protecting Children the 21st Century Act* which requires school districts take measures to protect children accessing obscene, pornographic, or material harmful to minors, inappropriate visual depictions, or adult content on the Internet. These measures are necessary for the district to receive E-rate, ESEA (Title I, II, III, and VI), and LSTA funding.

DELANCO SCHOOL DISTRICT INTERNET ACCEPTABLE USE POLICY

USERS (Staff & Student) SECTION

I have read the Delanco School District Internet Acceptable Use Policy. I agree to the rules contained in this Policy. I understand if I violate the rules, my account can be terminated and I may face other disciplinary measures. I am aware the Delanco School District Policy Manual, Section, 2361 Acceptable Use of Computer Network and Computers contain further policies to which I am responsible.

User's Signature: _____ Date: _____

User Name (Please Print): _____ Grade: _____

School: _____

PARENT OR GUARDIAN SECTION

As the parent or legal guardian of the student signing above, I have read the Delanco School District Internet Acceptable Use Policy and grant permission for my son or daughter to access the Internet. I understand the district's computing resources are designed for educational purposes. I also understand it is impossible for the School District to restrict access to all controversial materials and I will not hold them responsible for materials acquired on the network. I understand that individuals and families may be held liable for violations. I am aware the Delanco School District Policy Manual, Section 2361 Acceptable Use of Computer Network and Computers contain further policies to which I am responsible.

Parent Signature: _____ Date: _____

Parent Name (Please Print): _____

Home Address: _____

Phone: _____

REQUEST TO RESTRICT INTERNET ACCESS

As the parent or guardian of this student, I am requesting the school district restrict my child from using the Internet while at school. I understand the district can provide no guarantee that students restricted from Internet access won't gain access to the Internet. I recognize it is impossible for the school to restrict access to all potentially inappropriate materials, and I will not hold the district responsible for materials acquired on the school's computer network.

Student Name (Please print): _____

Date: _____

Parent/Guardian (Please print): _____

Signature (Please sign): _____

This space reserved for Computer Network Technician.

Assigned User Name: _____

Assigned Temporary Password: _____

Delanco School District

2010 Parent/Student Technology Survey

To assist the Teachers, Staff, and Administrators in identifying the Districts technological needs over the next three years we are requesting all of the users and beneficiaries of this technology to please fill out and return this survey as soon as possible.

1. Please circle the grade and school where your child attends.

K 1 2 3 4 5 6 7 8

Pearson School

Walnut Street

2. Please circle the sentence below that best describes your home computer access:

I have my own computer/laptop.

I share a computer/laptop with others in my home.

I do not have a computer.

3. Please circle all that you do with a computer:

Gaming

Social Networking (Facebook, Myspace, etc.)

Schoolwork/Homework

Blogging

Twitter

YouTube Uploading

YouTube Viewing

Personal email

Google Docs

Mobile Wireless Access (laptop, netbook)

Skype

Other _____

4. Do you have a SmartPhone or PDA? Yes No

5. Have you ever created a spreadsheet? Yes No

6. Have you ever created a PowerPoint? Yes No

7. Have you ever used a laptop or netbook? Yes No

8. Do you know about or have you ever used a SmartBoard, LCD or a TV to display a computer screen? Yes No

9. Circle all that you have used:

iPod Digital Camera Video Camera Digital Scanner

10. Have you ever used StudyIsland? Yes No

11. Please indicate how often you have used:

Word Processing (MS Word)	Never	Sometimes	Often
Database (MS Access)	Never	Sometimes	Often
Photo Editing (Photoshop, Paint, etc.)	Never	Sometimes	Often
Video edits (Adobe, MovieMaker, and Flash)	Never	Sometimes	Often

12. On a scale of 1 to 10, 10 being very comfortable, how would you rate your comfort level on the computer? _____

13. How many days a week are you on the computer? _____

14. What kinds of technology are being used in your classes? Circle all that apply.

TV
VCR/DVD
Computer
PowerPoint
SmartBoard Overhead Projector
Educational Software
Other _____

15. What suggestions do you have for improving our school's use of technology?

16. What suggestions/recommendations can you make on new technological hardware and/or software the District should consider acquiring over the new three years?

Delanco School District
2010 Staff and Faculty Technology Survey

To assist the District in identifying our technological needs over the next three years we are requesting all Staff and Faculty users of this technology to please fill out and return this survey as soon as possible.

1. Please circle the school where your work. Teachers please circle a grade level too.

K 1 2 3 4 5 6 7 8

Pearson School

Walnut Street

2. Please circle the sentence below that best describes your home computer access:

I have my own computer/laptop.

I share a computer/laptop with others in my home.

I do not have a computer.

3. Please circle all that you do with a computer:

Gaming

Social Networking (Facebook, Myspace, etc.)

Schoolwork/Homework

Blogging

Twitter

YouTube Uploading

YouTube Viewing

Personal email

Google Docs

Mobile Wireless Access (laptop, netbook)

Skype

Other _____

4. Do you have a SmartPhone or PDA? Yes No

5. Have you ever created a spreadsheet? Yes No

6. Have you ever created a PowerPoint? Yes No

7. Have you ever used a laptop or netbook? Yes No

8. Do you know about or have you ever used a SmartBoard, LCD or a TV to display a computer screen? Yes No

9. Circle all that you have used:

iPod Digital Camera Video Camera Digital Scanner

10. Please indicate how often you have used:

Word Processing (MS Word)	Never	Sometimes	Often
Database (MS Access)	Never	Sometimes	Often
Photo Editing (Photoshop, Paint, etc.)	Never	Sometimes	Often
Video edits (Adobe, MovieMaker, and Flash)	Never	Sometimes	Often

11. On a scale of 1 to 10, 10 being very comfortable, how would you rate your comfort level on the computer? _____

12. How many hours a day are you on the computer? _____

13. What kinds of technology are being used in your classes? Circle all that apply.

TV	Overhead Projector
VCR/DVD	Scanner
Computer	Digital/Video Camera
SmartBoard	PowerPoint
Word Processing	Database Software (MS Access)
Educational Software	Blogs
Wikis	Streaming Video
Distance Learning	Streaming Audio
Other _____	

14. What suggestions do you have for improving our school's use of technology?

15. What suggestions/recommendations can you make on new technological hardware and/or software the District should consider acquiring over the new three years?

III.C. NEEDS ASSESSMENT

1.a. Informational surveys were distributed to both students and staff (see previous pages). Current integration of technology in school includes, but not limited to the following:

- Classes are utilizing computer lab to conduct on-line research. Students complete projects which they conduct Internet searches. Students use Microsoft Word, Excel, and Power Point to generate reports and multimedia presentations. They also download and insert pictures from district and Internet resources into their final results.
- Teachers are requiring students to use word processing for essays and they are required to revise and edit their work.
- Science, Math., and Language Arts teacher presents information using Smartboard, PowerPoint, streaming video and on-line interactive web sites.
- Math teacher utilizes computers (he has three) in his room for supplemental instruction using web based and district educational software. He uses school math applications and web based applications.
- Student & Personnel Management Systems are also utilized.

1.b. Responses from the Teacher Survey indicate most of them feel very comfortable using the computers and software available through-out the district. The computer lab has been used extensively in the last two school years to enhance the entire core curricular. Teacher proficiency in the use of technology in the district has improved since the last Technology Plan. Seventy-three percent (73%) of our teachers consider themselves very comfortable and proficient with a rating of 8, 9, or 10 (10 meaning “very comfortable”). Sixteen percent (16%) rate themselves with a 5-7 of 10 and the remaining percentage rate themselves as 2-4 on a scale of 1-10.

1.c. Determine the current educational environment and barriers by describing how:

- i. Educators are assured access to district network resources in the computer labs, classroom computer systems and a mobile computer lab. A Computer Network Technician/Technology Coordinator is available to assist all educators in the integration of all district technologies. There is a need for video distribution through-out the two school buildings.
- ii. Students have access to two (2) classroom computer systems and teachers sign-up for and administrators assign core curriculum teachers computer lab time. This occurs on a daily basis for most students at the Walnut Street School and on a weekly basis at the Pearson School.
- iii. Educators responded to the Technology Survey questions requesting training in the following: PowerPoint, Smartboard, Web Quets, Internet research, finding lesson plans and lessons, web page design, and generating projects for students.
- iv. Students responded to the Technology Survey questions indicating they would like more access to computer lab. An overwhelming number of students indicated they thought too many sites were blocked on the Internet. During the 2007-2009 school year students take quarter courses (9 weeks) in computers and a computer elective is available to students each quarter. During the 2009-2010 year those computer classes were converted into Study Island and Renaissance Reading programs.
- v. Educators attended district training at Teacher In-Services twice a year. Use of Microsoft software, Genesis Grading application, Renaissance Reading, Teachers WebPage design, and SmartBoard operations were presented. Individual educators also attended “off campus” training programs dedicated to technology.

- vi. Past professional development for administrators in the areas of Microsoft Word, Excel and Windows Operating System.
- vii. Ongoing sustained professional development was provided for all educators in the use of Microsoft software, Genesis Grading application, Renaissance Reading, Teachers WebPage design, and SmartBoard operations
- viii. Ongoing sustained professional development was provided on an as needed basis as per administrator request with the assistance of the Technology Teacher.
- ix. Administrators and the Computer Network Technician have provided support for educators on an as needed basis. We also use an outside contractor, Tri-County Technical Services, once a month to provide support to all educators.
- x. Professional development needs include training in effective ways to integrate technology using what is available on a more consistent basis. Teachers are included in two staff in service training sessions annually. In addition, staff is urged to attend a wide variety of out of district seminars including those provide by our local ETTC. No barriers have been identified, other than budgetary constraints. The district is also in need of new network printers and video distribution. The teachers and students were unanimous in their request for SmartBoards in all classrooms. There are eleven (11) classrooms current that do not have a SmartBoard installed.

2. What District needs to improve academic achievement?

- Installation of SmartBoards.
- Video distribution to all classrooms and offices.
- Contract for faster Internet access (bandwidth).
- Ongoing and consistent training is needed for all educators.
- Four (4) networked color and black & white, high volume, low cost per print Printers.
- Three to four (3-4) computer systems per classroom, currently two per classroom.
- Training on district assistive technology services.
- Increased use of computer labs, mobile lab, and classroom computers.

3. See #2: have been listed by order of importance

IV. THREE-YEAR GOALS AND OBJECTIVES

A. History

The goals from the 2007-10 plan:

1. Improve security of district's network.
2. Merge district's two separate networks into one to improve efficiency and capability.
3. Improve staff's use of technology for student data.
4. Expand classroom teachers' use/integration of technology.

Objectives for Goal 1:

Upgrade and update filtering software.

Evaluation: The Secure School appliance installed at the Pearson School was removed. This decreased the number of outside IP addresses to the Internet. All student and staff were assigned "Home Drives" using appropriate user permissions and rights to network resources. Microsoft Server Operating System using Active Directory was configured on the district network servers. All servers and workstations were configured to automatically download and install the latest security updates and upgrades. Finally, the district network Anti-Virus software was upgraded with an enterprise version capable of detecting unauthorized portable devices (flash drives, lap tops, floppies, etc.) from accessing internal network resources.

Objectives for Goal 2:

Install a fiber connection between district's two schools.

Evaluation: Installed a twelve (12) strand fiber optic cable between Walnut Street School and Pearson School. The two schools are approximately a half (1/2) mile apart.

Objectives for Goal 3:

Purchase and implement online grading program for all staff.

Purchase and implement a student management software package.

Evaluation: The district opted to use the Genesis Grading Program. The grading system was then integrated into the student management system module also in the Genesis system. This enabled teacher access to on-line student grades and information.

Objectives for Goal 4:

Provide in-service training and scheduling opportunities for strategies and methods of integrating technology in classroom instruction.

Evaluation: Over the past three years our teachers have increasingly reduced their resistance to using the computer lab. Scheduling of the Technology Teacher/Computer Network Technician to be available during Lab times has enhanced the teacher's computer expertise. All of the obsolete IBM clone and Apple computers have been removed from all classrooms and computer labs. All teachers and staff are using the district's e-mail systems to regularly communicate with administration, staff, and parents.

B. Goals and Objectives for 2010-2013

New Goals

1. To enhance 21st century skills and demonstrate global outreach and collaboration in the classroom there is a need for video on demand, video distribution, SmartBoard interactive white boards, and faster Internet connection speeds (known as bandwidth).
2. Purchase of new computers to increase each classroom to three (3) systems.
3. Purchase of upgraded software for all district computer systems. Upgrade from Microsoft Windows XP Pro to Windows 7. Upgrade from Microsoft Office 2003 to Office 2010.
4. Expand classroom teachers' use/integration of technology.

V. Three Year Implementation Activity Tables

A. See attached Table “**Three-Year Implementation Activity Table July 2010 – June 2013**”

B. The teaching staff received training and overview information on assistive technology from our Technology Coordinator with the following software:

- Microsoft Accessibility Wizard
- Microsoft Narrator
- Microsoft Magnifier
- Microsoft On-Screen Keyboard
- Premier AT E-Text Reader
- Premier AT Talking Calculator
- Premier AT Talking Checkbook
- Premier AT Talking Dictionary
- Premier AT Talking Word Processor
- Text to Audio
- Premier Universal Reader
- Rosetta Stone

C. Provide Details of the process for meeting the NCLB Requirements that all students be technologically literate by the end of grade eight.

Instruction in technology and use of computers begins in kindergarten with regular use of the Computer Lab. All classrooms have computers and Internet access. Classroom teachers have access to the Computer Lab also. The Technology Coordinator/Computer Network Technician/Computer Teacher is available as a resource to classroom teachers. Students in all grade levels have weekly instruction in the computer labs and media centers. In 2010 the district purchased a subscription service to a web based instruction and assessment program named “Study Island”. The service is used to teach and evaluate all eighth grade students in “Technology Literacy”.

D. Identify specific telecommunications and information technologies and any other specific resources that are useful to reach the stated goal.

- Internet access for staff to provide information on technology integration in the classroom.
- Telephones with voice mail for staff in all classrooms.
- SmartBoards for regular classroom instruction.
- Video distribution system in labs

VI. Funding Plan:

- See attached Tables “**Funding Plan Tables (2010-2013)**”

A. Anticipated 2010-2011 costs:

1. Upgrade RAM and microprocessor on one third of district PC’s (approximately 12 systems).
Approximately \$300.00 each for a total of 3,600.00
2. Upgrade/Install Window 7 on one third of district PC’s (approximately 45 systems).
Approximately \$65.00 each for a total of \$2,925.00.
3. Upgrade/Install Office 2010 on one third of district PC’s (approximately 45 systems).
Approximately \$55.00 each for a total of \$2,475.00.
4. Contract with an Internet Service Provider for faster Internet connection speeds.
Approximately \$210.00 per month for a total of \$2,600.00 per year.
6. Upgrade video distribution and classroom video cabling at the Walnut Street School:
* Install PCI TV Tuner card in four (4) classrooms at \$175.00 each, total \$700.00.
* Install Video Distribution - \$4,300.00.
7. Classroom Response Systems into two (2) classrooms at \$1,900.00 each, total \$3,800.00.
8. Networked laser color and laser black & white printers.
Approximately \$850.00 for one networked ready color laser printer for Pearson School.
Approximately \$650.00 for one network ready black & white laser printer for Walnut Street.

B. Federal Title II money will be used to support equipment maintenance and professional development. Delanco Township School District current Title II allocation is \$13,500.00 of which \$3,000.00 is designate for professional development in the area of technology. State and local funds, see Budget Template VI D.

C. See attach copy of the board approval for this technology plan budget for the first year of this plan.

D. See attached “**Funding Plan Table**” for 2010-2013.

E. Our Technology Plan created on April 28, 2004, and all subsequent plans, addressed all of the following plan elements:

- Goals and strategies for using telecommunications and information technology;
- A professional development strategy;
- An assessment of telecommunications services, hardware, software, and other services needed;
- Budget resources; and
- An ongoing evaluation process.

VII. Professional Development

A. Mr. Walter Bowyer, Interim Superintendent, is responsible for coordinating the professional development activities in this plan.

B.1. Each administrator has a PC and access to computer network resources such as the Genesis Student Management System, Asbury Park Financial software and the Internet. In addition, all administrators have access to all application software on the district network. Ongoing sustained professional development is provided on an as needed basis per administrators request with the assistance of the Computer Network Technician/ Technology Teacher.

B. 2. All educators have at least two computers in their classrooms with Internet access and they also have access to our lab computers. In addition, all educators have access to all application software on the district network. We have fourteen classrooms equipped with SmartBoards interfaced to desktop computers. To enhance 21st century skills and demonstrate global outreach and collaboration in the classroom there is a need for video on demand, video distribution, SmartBoard interactive white boards, and faster Internet connection speeds, known as bandwidth. Professional training on these systems will be needed also.

B.3. & B.4. Ongoing sustained professional development will be provided for all educators and administrators by our technology coordinator at in-service sessions and monthly faculty meetings. In addition, professional development in the use of technology will be provided through workshops, seminars, school visitations and graduate courses. Continuing opportunities include:

- ETTC Workshops on Smartboard Use
- Peer Coaching by Technology Coordinator
- Integrating Technology in Classrooms
- Collaborative efforts in exchanging internet interactive resources
- Private Company Workshops
- Variety of Technology Topics
- Professional Development for Assistive Technology--Our Technology Coordinator trains and updates the staff at monthly faculty meetings on our assistive technology software. Our Child Study Team also provides training for special education teachers in the use of assistive technology.

C. 2010-2011 Professional Development Opportunities will include:

- SmartBoard Training
- Integrating Technology in Classrooms
- Use of PC's and the Windows Operating System
- Use of Assistive Technology
- Use of web based Grading and Student Data/Records (Genesis)
- Use of the web based Renaissance Place Reading Evaluation program
- File and Folder Maintenance of "Home Drives" and shared files
- Teacher Webpage Design
- Use of Power Point
- Use of Microsoft Office Software
- Use of Senteo (Whole Classroom Response) System
- Use of online textbooks and programs
- Video Streaming
- Other Training as Needed

VII.D. The Technology Coordinator, Principal and Curriculum Supervisor will provide peer coaching in classrooms and labs. Our financial resources include local funds, Title 1 and Title V funds. Staff will be provided release time for in and out of district training. The professional development activities listed above will continue through 2013 for teachers, aides, and administrators.

The following are additional resources which teachers and staff will have available to them for Professional Development and training. The following Web sites provide resources and information on professional development opportunities pertinent to educational technology.

- ETTC: Educational Technology Training Center - www.nj.gov/njded/techno/ettc/
- NJAET: New Jersey Association for Educational Technology - www.njaet.org
- NJECC: New Jersey Educational Computing Consortia - www.njecc.org
- ISTE (formerly NECC): Conference - www.iste.org/
- CIESE: Center for Improved Engineering and Science Education - k12science.ati.stevens-tech.edu/currichome.html
- NJSSI: New Jersey Statewide Systemic Initiative - njssi.rutgers.edu/
- EIRC: Educational Information and Resource Regional Center - www.eirc.org/
- NJPEP: New Jersey Professional Education Port - www.state.nj.us/education/njpep/
- EMA: Educational Media Association of New Jersey - www.njasl.org/
- CMSCE: Center for Math, Science and Computer Education - cmsce.rutgers.edu/
- FEA/NJPSA: Foundation for Educational Administration and New Jersey Principals and Supervisors Association - www.njpsa.org

VIII. Evaluation Plan

1. Lesson plans and classroom observations will be reviewed to evaluate the integration of technology into curricula and instruction.

- Use of on-line daily notices and absentees, administration communications through e-mail and shared network services.
- IEP's are generated and updates using web based services. TieNET provides all staff with pertinent special needs information.
- SmartBoard use indicated in lesson plans with appropriate computer inter-activities.
- Enhance 21st century skills and demonstrated global outreach and collaboration in the classroom using video on demand, video distribution, SmartBoard interactive white boards, and fast Internet connections used in distance learning sessions.

2. Computer generated and teacher made tests, publishers' assessments and state assessment results will be analyzed to evaluate our student's achievement of state standards. Web based Study Island is used to integrate learning and assessment in Language Arts, Math, and Science. Renaissance Place is also a web based computer program used to increase the reading skills of students. This program also generates assessments of students reading performance. SmartBoards and computer labs used in all academic areas through-out the two school building.

3. National Test score results and eighth grade technology surveys will be used to evaluate student's skill levels as they leave our district. Technology classes and using technology to research for information are integrated with life skills.

Three-Year Implementation Activity Table

July 2010 – June 2013

Three-Year Technology Implementation Activity Table				
District Goal and Objective	Strategy/Activity	Timeline	Person Responsible	Documentation
All computers; upgrade hardware.	Install upgraded RAM and Microprocessor on all Dell computers (approx. 140 systems) to support newer version software/hardware and to take advantage of upgraded Internet bandwidth.	1/3 in 2011 1/3 in 2012 1/3 in 2013	Superintendent and Technology Coordinator	Technology Coordinator Certification to Superintendent
Install eleven (11) SmartBoards	Install SmartBoards in all classrooms to provide distant learning, streaming video and audio to promote 21 st century skills and global collaboration and outreach.	1/3 in 2011 1/3 in 2012 1/3 in 2013	Superintendent and Technology Coordinator	Technology Coordinator Certification to Superintendent
All computer s; upgrade software.	Upgrade/Install Window 7. Upgrade/Install Office 2010.	1/3 in 2011 1/3 in 2012 1/3 in 2013	Superintendent and Technology Coordinator	Technology Coordinator Certification to Superintendent
Upgrade video distribution capabilities.	Install upgraded video distribution to all classrooms to provide distant learning, streaming video and audio to promote 21 st century skills and global collaboration and outreach.	Walnut St. 2010 Pearson 2011	Superintendent and Technology Coordinator	Technology Coordinator Certification to Superintendent
Faster Internet connection speeds (bandwidth)	Provide all classrooms to provide distant learning, streaming video streaming audio, and video on demand to promote 21 st century skills and global collaboration and outreach. Contract with an Internet Service Provider for faster Internet connection speeds	2010	Superintendent and Technology Coordinator	Technology Coordinator Certification to Superintendent
Video cabling in the classrooms	Install video cabling in all classrooms. Install and interface PCI TV computer cards and video cabling to all SmartBoard PC computers.	Walnut St. 2010 Pearson 2011	Superintendent and Technology Coordinator	Technology Coordinator Certification to Superintendent
Additional computers in classrooms	Install approximately thirty (30) new PC's to achieve three (3) computers per classroom.	1/3 in 2011 1/3 in 2012 1/3 in 2013	Superintendent and Technology Coordinator	Technology Coordinator Certification to Superintendent
Classroom Response Systems	Install and interface to SmartBoards a Classroom Response System.	1/3 in 2011 1/3 in 2012 1/3 in 2013	Superintendent and Technology Coordinator	Technology Coordinator Certification to Superintendent
High volume Black & White Network Laser Printers (new)	Install replacement networked color laser printers in Pearson Rm 16 and install a high volume black & white printer in the Teachers Room. Install replacement networked high volume black & white printer in Walnut Street Teachers Room and a new printer into Rm. 108	Pearson: Color 2010 B&W 2011 Walnut: B&W TeachersRm 2010 B&W Rm108 2011	Superintendent and Technology Coordinator	

Funding Plan Table (2010-2011)

This table indicates the funding source of anticipated costs of technologies to ensure that students have access to technology.

Three-Year Technology Plan Anticipated Funding Table (2010-2011)				
ITEM	FEDERAL FUNDING	STATE FUNDING	LOCAL FUNDING	MISC. (e.g. Donations, Grants)
Digital curricula (see NIMAS in the HELP section)			5,000	
Print media needed to achieve goals			1,000	
Technology Equipment	5,000		4,000	
Network			21,000	
Capacity			3,000	
Filtering			3,000	
Software	5,500		1,600	
Maintenance			5,000	
Upgrades			5,000	
Policy and Plans				
Other services				

Funding Plan Table (2011-2012)

This table indicates the funding source of anticipated costs of technologies to ensure that students have access to technology.

Three-Year Technology Plan Projected Funding Table (2011-2012)				
ITEM	FEDERAL FUNDING	STATE FUNDING	LOCAL FUNDING	MISC. (e.g. Donations, Grants)
Digital curricula (see NIMAS in the HELP section)			5,000	
Print media needed to achieve goals				
Technology Equipment	5,000		10,000	
Network			25,000	
Capacity			3,000	
Filtering			3,000	
Software	5,500		2,000	
Maintenance			5,000	
Upgrades			10,000	
Policy and Plans				
Other services				

Funding Plan Table (2012-2013)

This table indicates the funding source of anticipated costs of technologies to ensure that students have access to technology.

Three-Year Technology Plan Projected Funding Table (2012-2013)				
ITEM	FEDERAL FUNDING	STATE FUNDING	LOCAL FUNDING	MISC. (e.g. Donations, Grants)
Digital curricula (see NIMAS in the HELP section)			5,000	
Print media needed to achieve goals				
Technology Equipment	5,000		10,000	
Network			25,000	
Capacity			3,000	
Filtering			3,000	
Software			2,000	
Maintenance			5,000	
Upgrades			10,000	
Policy and Plans				
Other services				