

NORTH TONAWANDA CITY SCHOOL DISTRICT
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TECHNOLOGY PLAN

(07/2018 - 06/2021)

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Table of Contents

Introduction	3
Mission	3
Vision	3
Goals	3
Curriculum	
Curriculum Integration	4
Student Achievement	5
Technology Delivery	6
Parental Communications & Community Relations	6
Professional Development	7
Infrastructure, Hardware, Technical Support, and Software	
Network	8
Hardware	8
Software	8
Telecommunications	8
Monitoring and Evaluation	9
Appendices	
Employee Computer Use Agreement	10
Student Computer Use Agreement	15
Internet Safety/Content Filtering Policy	17
Action Plans	21

Introduction

The North Tonawanda City School District (NTCSD) is a Pre-K through 12 public school district serving students in 1 high school (grades 9-12), 1 middle school (grades 7-8), 1 intermediate school (grades 4-6), 1 pre-k and 3 elementary schools (grades K-3):

Mission

To implement and integrate current and future technologies with the intent of increasing student engagement, enhancing the teaching and learning process while demonstrating outcome competencies, and improving the operations of the school district. This will be accomplished through district-wide responsible use of technology.

Vision

To foster life-long learners through the use of technology. Our students will become successful, productive, and globally astute digital citizens as they work to become college and career ready.

Goals

1. Improve student learning through differentiated instruction to ensure students acquire technological knowledge, skills and attitudes that are critical to become independent, globally astute citizens.
2. Enhance current infrastructure to create a stronger, easily accessible, gigabyte wireless network to support the district's ipad initiative.
3. Ensure equity and collaboration through maximizing the use of current technological resources to guide decisions for future acquisitions and program growth.
4. Improve communication among students, parents, teachers, staff, administrators and the community.
5. Make available various professional growth opportunities in the use of technology to promote digital citizenship and to support curricular, instructional, and administrative functions.

Curriculum

Curriculum Integration

Goals:

1. Promote the utilization of technology for communication and information retrieval.
2. Collaborate among computer teaching assistants and classroom teachers to ensure students apply digital tools to gather, evaluate and use digital information to enhance learning.
3. Implement technology for instructional use that will develop critical thinking, problem solving, and decision making.
4. Work to educate students and staff in developing and using 21st century tools and skills across all grade levels and curricula.
5. Continue to provide training in digital citizenship and internet safety to advocate for the responsible use of information and technology.

Strategies:

1. Increase access for staff to related technology tools, equipment and software.
2. Make connections to how technology integration can support the district's initiatives related to data analysis, learning strategies and student achievement by increasing information sessions and demonstrations at the building levels.
3. Communicate information and ideas effectively using a variety of media and formats.
4. Practice responsible use of technology systems, information, and software.

The district will identify and promote curricula and teaching strategies that integrate technology effectively into curricula and instruction by identifying scientifically based research that promotes the use of technology in the classroom to enhance instruction. Through professional development and teacher collaboration, the district will incorporate technology into curricula to align to Common Core Learning Standards. To support this process, the district has and will continue to identify the technological equipment and training for personnel necessary to successfully integrate technology effectively into curricula and instruction.

Student Achievement

Technology will be integrated into curriculum and learning activities aimed at improved student learning and achievement of the New York State standards. The integration and use of technology as an instructional tool and resource will continue to be encouraged in all academic areas. Education's technological tools continue to evolve and improve. Providing the district employees and students with the best tools available will enable them to perform their respective tasks more effectively and productively. Students will also become more aware of the technology tools available to support information access, analysis, management, and communication.

Technology Goals by Grade Level:

Elementary School:

- Students will use selected software to practice concepts learned in math, science, social studies, and language arts.
- Students will use technology to support learning in all content areas.
- Students will access and retrieve electronic information.
- Students will develop skills necessary to take online tests.
- Students will use technology to enhance their productivity.
- Students will develop technology skills such as keyboarding, basic word processing, internet safety, and operation of peripheral devices.

Middle School:

- Students will develop technology skills such as database management, advanced word processing, internet safety, and mastery of keyboarding.
- Students will use technology to support learning in all content areas.
- Students will use technology to create multimedia presentations that incorporate pictures, audio, graphics, and text.
- Students will be able to research and retrieve information from the internet.

High School:

- Students will communicate visually, graphically, and artistically through multi-media presentations.
- Students will use technology to support learning in all content areas.
- Students will be able to research and retrieve information from the internet and determine its validity.
- Students will be able to create written research reports.

Technology Delivery

- By the end of our current capital project, we will be working toward having high-speed wireless internet access in all buildings and classrooms.
- All students in grades 7 through 10 will have a district-owned ipad to use for the academic school year.
- All elementary classrooms have a class set of ipads for student use.

Parental Communications & Community Relations

The technology plan will be disseminated to the community during Home School meetings and it will be posted on the district's web site. The district's web site is the main technology portal for informing parents of the following items: school calendar, athletic schedules, lunch menus, newsletters, school safety, legal notifications, and transportation.

Technology will be used effectively in communicating with parents through the further development of our web site by providing them with teacher web pages, online curriculum maps, Home School notices, and Board of Education minutes. Parents also have the opportunity to use eschool's parent portal to access information on their children. The district uses Global Connect to send mass telephone messages to parents.

Parents and community members are represented with involvement through the following areas: shared decision making teams, technology planning meetings, safety committee, and Board of Education members.

Professional Development

Professional development remains a top priority for the North Tonawanda City School district. The ultimate goal of professional development is the enhancement of teaching and learning in order to enable and assist students in the goal of higher academic achievement. By ensuring that all staff demonstrates an increase in knowledge and skills through inquiry oriented and reflective practice, we are assured that we will meet the learning needs of students in a standards based environment.

The district currently utilizes a .6 BOCES Technology Integrator who works with teacher groups, individual teachers, and administrators to enhance their learning of new technologies, technology rich lessons, and curriculum based resources. In addition, we participate in Common Set of Learning Objectives (CSLO) services through Erie 1 BOCES to provide additional professional development. Continued opportunities for professional development are offered on the District's technology resources like: Data Mentor, Data Warehouse, Dibels, IEP Direct, SMART Board activities and resources, eSchoolData, Star testing, etc.

Continued, ongoing professional development will be provided for all professional district staff to ensure proficiency in Smart technologies. Focus will continue to be placed on ISTE standards in our professional development offerings. ISTE standards will be included in all new teacher orientation and teacher handbooks.

Infrastructure, Hardware, Technical Support and Software

The North Tonawanda City School District provides technology services to 3 elementary schools, one intermediate school, one middle school, one high school, one transportation building and the administration building. The District provides an environment which allows staff and students the necessary resources for email, information retrieval, internet access, and participation in educational learning communities.

Network: The district uses the broadband network available through WNYRIC. It provides the district with gigabyte internet services. A LAN has been created in each of the District's buildings. This will allow all computers within a building to share information and access the internet. A WAN connects all of the LANs together. All offices are equipped with at least one ethernet drop for access to the internet. All classrooms have at least 10 internet drops. Several new gigabit internet switches were added to all school buildings.

Hardware: All of the computers in the district are PC's running Windows 7. They all have access to the internet, are connected to a networked printer, use Microsoft Endpoint for security and have Microsoft Office Professional. Each school also has a portable laptop cart that includes 24 laptops and a wireless printer. There are almost 4,000 ipads that are assigned as 1 to 1 devices or classroom sets. During the SMART schools planning process, the District identified a need to install emergency notification systems, video surveillance systems, carbon dioxide systems, and physical access controls through door hardening systems to increase the level of security and improve safety measures in several buildings across the District.

Software: The district owns licenses for several software packages such as Microsoft Office Professional, Adobe Photoshop, Kidspiration, Inspiration, Earobics, Dine Healthy, Examgen, Type to Learn, AutoCad, SolidWorks, Visual Basic, Visual Communicator, and Sibelius. They also have subscriptions to several online sites such as Brainpop, Gale Resource Center, World Book Online, Indent-A-Drug, and Enchanted Learning. The district uses the following administrative software that is hosted on Erie 1 BOCES servers: Finance Manager, Lotus Notes, IEP Direct, PDP Premiere, Renaissance Learning, and eSchoolData.

Telecommunications: The district's telephone service is currently a VoIP system hosted and serviced by Erie 1 BOCES. All classrooms and offices have a VoIP telephone with long distance and internal and external access.

Monitoring and Evaluation

It is the commitment of the North Tonawanda City School District to use this plan as a working document for guiding and assessing technology progress. Evaluating and implementing the technology plan will be the responsibility of the Executive Director of Educational Services and the Director of Technology in conjunction with the District Technology Committee. As we assess the achievement of our goals, we will continually review and adjust our plan to meet any changes in technology. Unmet goals will be addressed by the Executive Director of Educational Services and the Director of Technology. This technology plan will be formally reviewed and revised on an annual basis with periodic updates, additions, and revisions made throughout the year.

The following evaluation strategies will be used to measure and analyze the effectiveness of technology by all learners and to assess the effectiveness of this technology plan:

- Annual meetings of the District Technology Committee to review and revise the technology plan
- Administrators will conduct observations in classrooms and review the data to assess student learning
- Formal and informal surveys of staff and students
- Coordination of technology professional development opportunities with BOCES Model Schools

Employee Computer Use Agreement

The district's Employee Computer Use Agreement was adopted by our Board of Education on November 8, 2011.

NORTH TONAWANDA CITY SCHOOLS EMPLOYEE COMPUTER USE AGREEMENT

Every North Tonawanda City School District employee will be required to read and acknowledge this Employee Computer Use Agreement. This form supersedes previous forms. Employees who have signed previous forms must also complete this new form.

Computer use is often a valuable and necessary component of an employee's work. In addition, varying work responsibilities result in access to information sources such as software, programs, the Internet, and the District's computer network. Although employees may have access to these information sources, their use must be specially authorized. Access and authorization to information and equipment carry a corresponding responsibility to their appropriate use. Access should be primarily for educational and professional or career development activities. **Electronic mail and telecommunications shall not be utilized to share confidential information about students or staff without authorization. No staff member may disclose, use, or disseminate any personal information regarding students or staff without authorization.**

All hardware, including computers and equipment, is the property of North Tonawanda City School District and will fall under the guidelines listed below. Expectations of employees include, but are not limited to, the following:

a) Student Personal Safety

1. Employees who supervise students with access to technical resources shall be familiar with the North Tonawanda City School District Student Computer Use Agreement and enforce its provisions.
2. All student computer use must be supervised.

**NORTH TONAWANDA CITY SCHOOLS
EMPLOYEE COMPUTER USE AGREEMENT (Cont'd.)**

b) Illegal or Destructive Activities

1. Employees shall not go beyond their authorized access to the District network or other computer equipment or software including the files or accounts of others.
1. Employees shall not disrupt or attempt to damage or disrupt any computer, system, system performance, or data.
2. Employees shall not use District equipment to engage in illegal acts.

c) System Security

1. Employees are responsible for the security of their computer equipment, files and passwords.
2. Employees shall promptly notify their immediate supervisor of security problems.
3. Employees with access to student records may not use, release, or share these records except as authorized by Federal and State law.

d) Inappropriate Conduct

The following are prohibited when using any technical resource:

1. Obscene, profane, lewd, vulgar, rude, inflammatory, threatening or disrespectful language;
2. Potentially damaging, dangerous, or disruptive material;
3. Personal or generalized harassment in violation of District policies; and
4. False or defamatory information.

**NORTH TONAWANDA CITY SCHOOLS
EMPLOYEE COMPUTER USE AGREEMENT (Cont'd.)**

e) Plagiarism and Copyright Infringement

1. Works may not be plagiarized.
2. The rights of copyright owners are to be respected. Copyright infringement occurs when an individual inappropriately reproduces a work that is protected by copyright. If an employee is unsure whether or not a work can be used, the copyright owner should be contacted for permission.
3. Software copyrights and software licenses must be strictly respected.

f) Inappropriate Access to Material

1. Technical resources shall not be used with material that is profane, obscene (pornographic), or advocates illegal acts, violence, or illegal discrimination.
2. The use of unauthorized software is prohibited.
3. Inadvertent inappropriate access shall be reported immediately to the supervisor.

g) Expectation of Privacy

Employees have no expectation of privacy in files, disks, or documents that have been created in, entered in, stored in, downloaded from, or used on District equipment.

h) Services and Assumption of Risks

North Tonawanda City School District makes no warranties of any kind, whether express or implied, for services provided and is not responsible for any damages suffered while on the system to include loss of data, damage to personal technology and inaccurate or poor quality information obtained from the system. Users are responsible for backing up data stored on the hard drive of any computer assigned to them.

**NORTH TONAWANDA CITY SCHOOLS
EMPLOYEE COMPUTER USE AGREEMENT (Cont'd.)**

i) Discipline

1. Staff members who engage in **unacceptable and/or excessive personal** use may lose access to the Information Technology Systems provided by the North Tonawanda City School District and may be subject to further discipline under the law or in accordance with applicable collective bargaining agreements.
2. Deliberate violations of this agreement (e.g., malicious acts or omissions; searching for, viewing or otherwise visiting pornographic or sexually explicit sites) are cause for disciplinary action.

j) Unacceptable Uses

The following uses will be regarded as not acceptable:

1. Illegal or malicious use, including downloading or transmitting of copyright materials such as music, videos and games.
2. Use for racial, sexual or other harassment in violation of District policy.
3. To access, view, or transmit pornographic or obscene material.
4. To solicit personal information with the intent of using such information to cause emotional or physical harm.
5. To disrupt the work of other users. This includes the propagation of computer viruses and use of the Internet to make unauthorized entry to any other Internet resource.
6. Use for private business purposes. This includes the installation or loading of personal business programs onto your computer for your use for tasks not associated with your North Tonawanda City School District job duties.

**NORTH TONAWANDA CITY SCHOOLS
EMPLOYEE COMPUTER USE AGREEMENT (Cont'd.)**

k) Etiquette

The following general principles should be adopted:

1. Be polite; do not be abusive in messages to others.
2. Use appropriate language; remember that you are a representative of the North Tonawanda City School District and that you are using a non-private network.
3. Do not disrupt use of the Internet by others.

l) E-Mail Massive Files During Peak Hours and Other High Volume Activities

1. Every user is responsible for all e-mail originating from their user ID (e-mail address). Forgery or attempted forgery of electronic mail is prohibited.
2. Attempts to read, delete, copy or modify the e-mail of other users are prohibited.
3. E-mail is NOT private. The District Superintendent (or designee) has the right of access to all e-mail sent or received. In the event of the North Tonawanda City School District being involved in any legal proceedings, any relevant e-mails (including Internet e-mail) may have to be disclosed, on the same basis as the case for written documents.
4. Excessive personal use of e-mail, during the work day, may result in disciplinary action.

I have read the Employee Computer Use Agreement. I understand that violation of this Agreement may be grounds for disciplinary action, including termination.

Student Computer Use Agreement

The district's Student Computer Use Agreement was adopted by our Board of Education and revised on May 8, 2012.

NORTH TONAWANDA CITY SCHOOLS STUDENT COMPUTER USE AGREEMENT

The Board of Education will provide access to various computerized information resources through the District's computer system ("DCS" hereafter) consisting of software, hardware, computer networks and electronic communications systems. This may include access to electronic mail, so-called "on-line services" and the "Internet". It may include the opportunity for some students to have independent access to the DCS from their home or other remote locations. All use of the DCS, including independent use off school premises, shall be subject to this policy and accompanying regulations. Further, all such use must be in support of education and/or research and consistent with the goals and purposes of the School District.

Access to Inappropriate Content/Material and Use of Personal Technology or Electronic Devices

This policy is intended to establish general guidelines for the acceptable student use of the DCS and also to give students and parents/guardians notice that student use of the DCS will provide student access to external computer networks not controlled by the School District. The District cannot screen or review all of the available content or materials on these external computer networks. Thus some of the available content or materials on these external networks may be deemed unsuitable for student use or access by parents/guardians.

Despite the existence of District policy, regulations and guidelines, it is virtually impossible to completely prevent access to content or material that may be considered inappropriate for students. Students may have the ability to access such content or material from their home, other locations off school premises and/or with a student's own personal technology or electronic device on school grounds or at school events. Parents and guardians must be willing to establish boundaries and standards for the appropriate and acceptable use of technology and communicate these boundaries and standards to their children. The appropriate/acceptable use standards outlined in this policy apply to student use of technology via the DCS or any other electronic media or communications, including by means of a student's own personal technology or electronic device on school grounds or at school events.

NORTH TONAWANDA CITY SCHOOLS STUDENT COMPUTER USE AGREEMENT (Cont'd.)

Standards of Acceptable Use

Generally, the same standards of acceptable student conduct which apply to any school activity shall apply to use of the DCS. This policy does not attempt to articulate all required and/or acceptable uses of the DCS; nor is it the intention of this policy to define all inappropriate usage. Administrative regulations will further define general guidelines of appropriate student conduct and use as well as proscribed behavior.

District students shall also adhere to the laws, policies and rules governing computers including, but not limited to, copyright laws, rights of software publishers, license agreements, and student rights of privacy created by federal and state law.

Students who engage in unacceptable use may lose access to the DCS in accordance with applicable due process procedures, and may be subject to further discipline under the District's school conduct and discipline policy and the District Code of Conduct. The District reserves the right to pursue legal action against a student who willfully, maliciously or unlawfully damages or destroys property of the District. Further, the District may bring suit in civil court against the parents/guardians of any student who willfully, maliciously or unlawfully damages or destroys District property pursuant to General Obligations Law Section 3-112.

Student data files and other electronic storage areas will be treated like school lockers. This means that such areas shall be considered to be School District property subject to control and inspection. The Computer Coordinator may access all such files and communications without prior notice to ensure system integrity and that users are complying with the requirements of this policy and accompanying regulations. Students should **NOT** expect that information stored on the DCS will be private.

Notification

The District's Acceptable Use Policy and Regulations will be disseminated to parents and students in order to provide notice of the school's requirements, expectations, and students' obligations when accessing the DCS.

Regulations will be established as necessary to implement the terms of this policy.

Internet Safety/Content Filtering Policy

The district's Internet Safety/Internet Content Filtering Policy was adopted by our Board of Education and revised on May 8, 2012. This policy was presented to the public on June 12, 2012.

NORTH TONAWANDA CITY SCHOOLS INTERNET SAFETY/INTERNET CONTENT FILTERING POLICY

In compliance with the Children's Internet Protection Act (CIPA) and Regulations of the Federal Communications Commission (FCC), the District has adopted and will enforce this Internet safety policy that ensures the use of technology protection measures (i.e., filtering or blocking of access to certain material on the Internet) on all District computers with Internet access. Such technology protection measures apply to Internet access by both adults and minors with regard to visual depictions that are obscene, child pornography, or, with respect to the use of computers by minors, considered harmful to such students. The District will provide for the education of students regarding appropriate online behavior including interacting with other individuals on social networking Web sites and in chat rooms, and regarding cyberbullying awareness and response. Further, appropriate monitoring of online activities of minors, as determined by the building/program supervisor, will also be enforced to ensure the safety of students when accessing the Internet.

Further, the Board of Education's decision to utilize technology protection measures and other safety procedures for staff and students when accessing the Internet fosters the educational mission of the schools including the selection of appropriate teaching/instructional materials and activities to enhance the schools' programs; and to help ensure the safety of personnel and students while online.

However, no filtering technology can guarantee that staff and students will be prevented from accessing all inappropriate locations. Proper safety procedures, as deemed appropriate by the applicable administrator/program supervisor, will be provided to ensure compliance with the CIPA.

In addition to the use of technology protection measures, the monitoring of online activities and access by minors to inappropriate matter on the Internet and World Wide Web *may* include, but shall not be limited to, the following guidelines:

**NORTH TONAWANDA CITY SCHOOLS
INTERNET SAFETY/INTERNET CONTENT FILTERING POLICY (Cont'd.)**

- a) Ensuring the presence of a teacher and/or other appropriate District personnel when students are accessing the Internet including, but not limited to, the supervision of minors when using electronic mail, chat rooms, instant messaging and other forms of direct electronic communications. As determined by the appropriate building administrator, the use of e-mail, chat rooms, as well as social networking Web sites, may be blocked as deemed necessary to ensure the safety of such students;
- b) Monitoring logs of access in order to keep track of the web sites visited by students as a measure to restrict access to materials harmful to minors;
- c) In compliance with this Internet Safety Policy as well as the District's Acceptable Use Policy, unauthorized access (including so-called "hacking") and other unlawful activities by minors are prohibited by the District; and student violations of such policies may result in disciplinary action; and
- d) Appropriate supervision and notification to minors regarding the prohibition as to unauthorized disclosure, use and dissemination of personal identification information regarding such students.

The determination of what is "inappropriate" for minors shall be determined by the District and/or designated school official(s). It is acknowledged that the determination of such "inappropriate" material may vary depending upon the circumstances of the situation and the age of the students involved in online research.

The terms "minor," "child pornography," "harmful to minors," "obscene," "technology protection measure," "sexual act," and "sexual contact" will be as defined in accordance with CIPA and other applicable laws/regulations as may be appropriate and implemented pursuant to the District's educational mission.

**Under certain specified circumstances, the blocking or filtering technology measure(s) may be disabled for adults engaged in bona fide research or other lawful purposes. The power to disable can only be exercised by an administrator, supervisor, or other person authorized by the School District.*

The School District shall provide certification, pursuant to the requirements of CIPA, to document the District's adoption and enforcement of its Internet Safety Policy, including the operation and enforcement of technology protection measures (i.e., blocking/filtering of access to certain material on the Internet) for all School District computers with Internet access.

NORTH TONAWANDA CITY SCHOOLS INTERNET SAFETY/INTERNET CONTENT FILTERING POLICY (Cont'd.)

Internet Safety Instruction

In accordance with New York State Education Law, the School District may provide, to students in grades K through 12, instruction designed to promote the proper and safe use of the Internet. The Commissioner shall provide technical assistance to assist in the development of curricula for such course of study which shall be age appropriate and developed according to the needs and abilities of students at successive grade levels in order to provide awareness, skills, information and support to aid in the safe usage of the Internet.

Under the Protecting Children in the 21st Century Act, students will also be educated on appropriate interactions with other individuals on social networking Web sites and in chat rooms, as well as cyberbullying awareness and response.

Access to Inappropriate Content/Material and Use of Personal Technology or Electronic Devices

Despite the existence of District policy, regulations and guidelines, it is virtually impossible to completely prevent access to content or material that may be considered inappropriate for students. Students may have the ability to access such content or material from their home, other locations off school premises and/or with a student's own personal technology or electronic device on school grounds or at school events.

The District is not responsible for inappropriate content or material accessed via a student's own personal technology or electronic device or via an unfiltered Internet connection received through a student's own personal technology or electronic device.

Notification/Authorization

The District's Acceptable Use Policy and accompanying Regulations will be disseminated to parents and students in order to provide notice of the school's requirements, expectations, and student's obligations when accessing the Internet.

The District has provided reasonable public notice and has held at least one (1) public hearing or meeting to address the proposed Internet Safety/Internet Content Filtering Policy prior to Board adoption. Additional public notice and a hearing or meeting is not necessary when amendments are made to the Internet Safety Policy in the future.

**NORTH TONAWANDA CITY SCHOOLS
INTERNET SAFETY/INTERNET CONTENT FILTERING POLICY (Cont'd.)**

The District's Internet Safety/Internet Content Filtering Policy must be made available to the FCC upon request. Furthermore, appropriate actions will be taken to ensure the ready availability to the public of this policy as well as any other District policies relating to the use of technology.

The Internet Safety/Internet Content Filtering Policy is required to be retained by the school for at least five (5) years after the funding year in which the policy was relied upon to obtain E-rate funding.

Action Plans:

Goal 1: Improve student learning through differentiated instruction to ensure students acquire technological knowledge, skills and attitudes that are critical to become independent, globally astute citizens.				
Actions needed to achieve goal	Staff Development	Person(s) Responsible	Date each action will be completed	Indication of Success
Enhance and expand the Academy of Information Technology	<ul style="list-style-type: none"> • Curriculum development & mapping • Work sessions 	<ul style="list-style-type: none"> • District Administration • Building Administration • Academy Coordinator 	Ongoing	Completed curriculum guides & maps
Expand the computer skills program to include grade seven and grade eight	<ul style="list-style-type: none"> • Curriculum development & mapping • Work sessions 	<ul style="list-style-type: none"> • District Administration • Building Administration • Department Coordinators • Technology Integrators 	August 2020	Completed curriculum guides & maps
Review and revise the computer skills curriculum and software at each grade level	<ul style="list-style-type: none"> • Curriculum development & mapping • Work sessions 	<ul style="list-style-type: none"> • District Administration • Building Administration • Department Coordinators • Technology Integrators 	July 2019	Completed curriculum guides for each grade level
Evaluate computer skills electives and continue to offer topics on career-specific technical skills	<ul style="list-style-type: none"> • Curriculum development & mapping • Work sessions 	<ul style="list-style-type: none"> • Building Administration • Business Department 	Ongoing	Completed program review with stated needs and recommendations

Action Plans (cont'd.):

Goal 2: Enhance current infrastructure to create a stronger, easily accessible, gigabyte wireless network to support the district's ipad initiative.

Actions needed to achieve goal	Staff Development	Person(s) Responsible	Date each action will be completed	Indication of Success
Install a secure wireless access point in every classroom		<ul style="list-style-type: none"> • District Administration • Director of Technology 	June 2020	All classrooms have a functioning access point
Install a new AP management controller		<ul style="list-style-type: none"> • District Administration • Director of Technology 	June 2019	New management controller is installed
Update all closets to gigabyte switches		<ul style="list-style-type: none"> • District Administration • Director of Technology 	June 2019	All closets have gigabyte switches

Action Plans (cont'd.):

Goal 3: Ensure equity and collaboration through maximizing the use of current technological resources to guide decisions for future acquisitions and program growth.				
Actions needed to achieve goal	Staff Development	Person(s) Responsible	Date each action will be completed	Indication of Success
Equip each classroom with a document camera	<ul style="list-style-type: none"> In-district training 	<ul style="list-style-type: none"> District Administration Building Administration Director of Technology Technology Integrator 	June 2020	Installed document cameras and trained staff
Equip each secondary level student with their own ipad	<ul style="list-style-type: none"> In-district training 	<ul style="list-style-type: none"> District Administration Building Administration Director of Technology Technology Integrator 	January 2020	All secondary level students have an ipad
Continually train technology staff to provide technical support and maintenance on equipment	<ul style="list-style-type: none"> In-district workshops on support to technology staff 	<ul style="list-style-type: none"> District Administration Director of Technology 	Ongoing	Reduced computer down time
Replace all outdated smartboards with new LED flat panels	<ul style="list-style-type: none"> In-district training 	<ul style="list-style-type: none"> District Administration Building Administration Director of Technology Technology Integrator 	June 2021	All outdated smartboards have been replaced
Investigate and support new technologies		<ul style="list-style-type: none"> District Administration Director of Technology 	Ongoing	Instructional areas are supported with new, appropriate technologies

Action Plans (cont'd.):

Goal 4: Improve communication among students, parents, teachers, staff, administrators and the community.				
Actions needed to achieve goal	Staff Development	Person(s) Responsible	Date each action will be completed	Indication of Success
Create eschool access for elementary school parents		<ul style="list-style-type: none"> • District Administration • Building Administration 	June 2019	Elementary school parents have access to eschool
Review, assess, and update the District's web site to provide important information to parents and the community		<ul style="list-style-type: none"> • District Administration • Web Designer 	Ongoing	Content rich web site and web site visitor tracking counts
Update District's website to be ADA compliant		<ul style="list-style-type: none"> • District Administration • Web Designer 	June 2020	Verify website is ADA compliant
Make connections with parent organizations to assist with school to parent technology issues		<ul style="list-style-type: none"> • District Administration • Building Administration • Director of Technology 	Ongoing	Parent organizations use technology effectively to communicate with their constituents

Action Plans (cont'd.):

Goal 5: Make available various professional growth opportunities in the use of technology to promote digital citizenship and to support curricular, instructional, and administrative functions.				
Actions needed to achieve goal	Staff Development	Person(s) Responsible	Date each action will be completed	Indication of Success
Make teachers more aware of the various CSLO workshop opportunities		<ul style="list-style-type: none"> • District Administration • Building Administration • Director of Technology • Technology Integrators 	June 2020	Teachers take advantage of CSLO opportunities
Acquire quality training videos, software, and manuals for use by staff		<ul style="list-style-type: none"> • District Administration • Director of Technology 	Ongoing	Materials readily accessible to staff
Form user groups and join online listservs as sources of continuing support	Encourage staff to network and collaborate with colleagues from other districts	<ul style="list-style-type: none"> • District Administration • Director of Technology 	Ongoing	User groups formed and accessible to all staff
Review current research on new and effective technology integration tools and resources	<ul style="list-style-type: none"> • Staff development offerings • Building based in-services • Mentor/Mentee training 	<ul style="list-style-type: none"> • District Administration • Building Administration • Technology Integrators • Turn-key Trainers 	Ongoing	Continued review of current research, product samples from students, and classroom observations
Provide professional development for the use of new technologies which help students learn	<ul style="list-style-type: none"> • Staff development offerings • Building based in-services • Faculty meetings 	<ul style="list-style-type: none"> • District Administration • Building Administration • Technology Integrators • Turn-key Trainers 	Ongoing	Demos at building faculty meetings, in-service course attendance, product samples from students, and classroom observations