

**Instructional Technology Plan - 2016**

LEA Information

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Page Last Modified: 09/01/2016

**A. LEA Information**

**1. 2014-2015 Student Enrollment**

	Total Enrollment	Pre-K Enrollment	K-2 Enrollment	3-5 Enrollment	6-8 Enrollment	9-12 Enrollment	Ungraded Enrollment
Student Enrollment	10,183	519	2,038	2,128	2,239	3,123	136

**2. What is the name of the district administrator entering the technology plan survey data?**

Vincent Raicovi, Ed.D.

**3. What is the title of the district administrator entering the technology plan survey data?**

Director of Technology

**Instructional Technology Plan - 2016**Instructional Technology Vision and Goals

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Page Last Modified: 09/01/2016

**B. Instructional Technology Vision and Goals****1. Please provide the district mission statement.**

The mission of the Middle Country Central School District is to empower and inspire all students to apply the knowledge, skills and attitudes necessary to be creative problem-solvers, to achieve personal success, and to contribute responsibly in a diverse and dynamic world.

**2. Please provide the executive summary of the instructional technology plan, including vision and goals.**

Technology is constantly changing and rather than trying to “teach technology”, we can best prepare our students for success in their lives beyond high school by setting up opportunities for them to solve real-world problems with the aid of technology. Students should be given opportunities to access, analyze, synthesize and present ideas and information as they work on research based projects.

Integrating technology in support of learning is best accomplished by giving students access to tools for communicating and problem solving.

Teaching strategies that support the integration of technology include: less directing and more guiding; designing activities that require students to deal with substantive questions, engaging students in collaborative projects, and work that requires analysis and research.

The state standards for all subject areas repeatedly reference the words: analyze, interpret and infer. Having students engage in web-based research to solve problems will help our students to meet and exceed the standards in all subject areas.

## Vision

- Students working on collaborative, interactive, challenging projects with the aid of technology.
- Learning opportunities involving the use of technology aligned with New York state standards.
- Students communicating with other students, teachers and specialists in support of learning.
- Teachers communicating with other teachers; accessing information and being part of an on-line learning community.
- Students engaging in self-paced learning.
- Students and teachers using wireless technologies and devices to bring technology to the point of instruction.
- Students involved in web based research in support of instruction.
- Teachers using technology to enhance learning opportunities and ease clerical tasks.
- Students accessing on-line library/database collections.
- Students learning to use technological tools and software that are used in a variety of “real-world” settings.
- Administrative information systems that are accessible to teachers, parents and administrators with appropriate security clearance.
- Administrative and support personnel having access to data that helps guide decision making and allocation of resources.
- Resources available on the district website to promote learning opportunities for the MCCSD community.
- Technological systems in place, which reduce paperwork and costs and improve communication.

## Goals

## Teachers

- Expand turnkey training program with emphasis on integration of technology in the learning environment.
- Improve communication district-wide through the use of e-mail and shared calendars.

## Students

- Increase the use of wireless laptop labs and tablets to provide increased access to technology.
- Develop school to career partnerships with vendors and internship opportunities in the area of technology.
- Provide access to an increasing number of educational on-line resources.

## Administration/Support

**Instructional Technology Plan - 2016**Instructional Technology Vision and Goals

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Page Last Modified: 09/01/2016

- Provide on-going training on productivity software.
- Reduce paperwork and costs associated with report generation and publication of information.

## Community

- Expand school to community links via website.
- Expand number of educational links and resources on the district web site.

Develop partnerships/linkage with area colleges, universities and the business community that afford our students better placement opportunities

and link our curriculum more closely with what is happening at the college and professional level.

**3. Please summarize the planning process used to develop the instructional technology plan. Please include the stakeholder groups participating and outcomes of the instructional technology plan development meetings.**

The committee discussion included administrators, teachers, library media specialists and support staff from both the building and district level. In

addition, staff from the District's Computer Center were included in any conversation, as were outsourced vendor technicians for their expertise, when needed.

Moving forward, the same cross section of stakeholders will be utilized. In addition, recommendations and requests for initiative specific hardware

and software platforms come from various District committees. One such committee is the Middle Country Commission for Educational Advancement, which is driving Middle Country's STEM initiative. Major technology acquisitions that have taken place as a result of the synergy

between committees include the NAO robots at the elementary level, Lego robotics at the middle school level, and zSpace Virtual STEM labs and 3D

printing at the middle and high school level.

**4. Please provide the source(s) of any gap between the current level of technology and the district's stated vision and goals.**

- Access Points
- Cabling
- Connectivity
- Device Gap
- Network
- Professional Development
- Staffing
- Other
- No Gap Present

**5. Based upon your answer to question four, what are the top three reasons causing the gap? If you chose "No Gap Present" in question four, please enter N/A.**

Three challenges that may be contributing to the gap between the current level of technology and the district's stated vision and goals

**Instructional Technology Plan - 2016**

Instructional Technology Vision and Goals

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Page Last Modified: 09/01/2016

are:

- Funding unfunded mandates via the technology budget
- Funding technology purchases that were not part of the original three-year plan in support of District initiatives
- The pace of change with regard to technology and its ability to be integrated into an educational setting.

**Instructional Technology Plan - 2016**

Instructional Technology & Infrastructure Inventory

Page Last Modified: 09/01/2016

**C. Technology and Infrastructure Inventory**

1. Please identify the capacity of the telecommunications line coming into the district network hub. The district's Regional Information Center can provide the district with this information if needed.

- Greater than 10 Gbps
- 10 Gbps
- 1 Gbps - < 10 Gbps
- 100 Mbps - < 1Gbps
- 50 Mbps - < 100 Mbps
- 10 Mbps - < 50 Mbps
- Less than 10 Mbps

2. What is the total contracted Internet bandwidth access for the district? Choose one.

- Greater than 10 Gbps
- 10 Gbps
- 1 Gbps - < 10 Gbps
- 100 Mbps - < 1 Gbps
- 50 Mbps - < 100 Mbps
- 10 Mbps - < 50 Mbps
- Less than 10 Mbps

3. What is the name of the agency or vendor from which the district purchases its primary Internet access bandwidth service?

Lighttower

4. Please identify the capacity of the telecommunications line coming into the district's school building(s) from the district hub or district data center. The district's Regional Information Center can provide this information if needed

	Speed in Gbps or Mbps
Minimum Capacity	<ul style="list-style-type: none"> <li><input type="checkbox"/> Greater than 10 Gbps</li> <li><input checked="" type="checkbox"/> 10 Gbps</li> <li><input type="checkbox"/> 1 Gbps - &lt; 10Gbps</li> <li><input type="checkbox"/> 100 Mbps- &lt; 1 Gbps</li> <li><input type="checkbox"/> 50 Mbps - &lt; 100 Mbps</li> <li><input type="checkbox"/> 10 Mbps - &lt; 50 Mbps</li> <li><input type="checkbox"/> Less than 10 Mbps</li> </ul>
Maximum Capacity	<ul style="list-style-type: none"> <li><input checked="" type="checkbox"/> Greater than 10 Gbps</li> <li><input type="checkbox"/> 10 Gbps</li> <li><input type="checkbox"/> 1 Gbps - &lt; 10Gbps</li> <li><input type="checkbox"/> 100 Mbps- &lt; 1 Gbps</li> <li><input type="checkbox"/> 50 Mbps - &lt; 100 Mbps</li> </ul>

Instructional Technology Plan - 2016

Instructional Technology & Infrastructure Inventory

Page Last Modified: 09/01/2016

	Speed in Gbps or Mbps
	<input type="checkbox"/> 10 Mbps - < 50 Mbps <input type="checkbox"/> Less than 10 Mbps

5. Please identify the minimum and maximum circuit speeds at which the classrooms in the district are connected to the school building wiring/network closet.

	Please provide the speed at which classrooms are connected to building wiring/network closet.
Minimum Circuit Speed Within a School Building	<input type="checkbox"/> Greater than 10 Gbps <input type="checkbox"/> 10 Gbps <input type="checkbox"/> 1 Gbps - < 10Gbps <input checked="" type="checkbox"/> 100 Mbps- < 1 Gbps <input type="checkbox"/> 50 Mbps - < 100 Mbps <input type="checkbox"/> 10 Mbps - < 50 Mbps <input type="checkbox"/> Less than 10 Mbps
Maximum Circuit Speed Within a School Building	<input type="checkbox"/> Greater than 10 Gbps <input type="checkbox"/> 10 Gbps <input checked="" type="checkbox"/> 1 Gbps - < 10Gbps <input type="checkbox"/> 100 Mbps- < 1 Gbps <input type="checkbox"/> 50 Mbps - < 100 Mbps <input type="checkbox"/> 10 Mbps - < 50 Mbps <input type="checkbox"/> Less than 10 Mbps

6. What are the minimum and the maximum port speeds of the switches that are less than five years old in use in the district?

	Port speed of switches	Mbps or Gbps
Minimum Capacity of Switches	100	<input checked="" type="checkbox"/> Mbps <input type="checkbox"/> Gbps
Maximum Capacity of Switches	1	<input type="checkbox"/> Mbps <input checked="" type="checkbox"/> Gbps

7. What percentage of the district's wireless protocols are less than 802.11g?

5

8. Do you have wireless access points in use in the district?

- Yes
- No

8B. What percentage of your district's instructional space has wireless coverage?

Instructional Technology Plan - 2016

Instructional Technology & Infrastructure Inventory

Page Last Modified: 09/01/2016

85

9. Does the district use a wireless controller?

Yes

10. How many computing devices less than five years old are in use in the district?

	Number of devices in use that are less than five years old	How many of these devices are connected to the LAN?
Desktop computers/Virtual Machine (VM)	2,520	2,520
Laptops/Virtual Machine (VM)	680	680
Chromebooks	30	30
Tablets less than nine (9) inches with access to an external keyboard	0	0
Tablets nine (9) inches or greater with access to an external keyboard	0	0
Tablets less than nine (9) inches without access to an external keyboard	60	60
Tablets nine (9) inches or greater without access to an external keyboard	600	600
<b>Totals:</b>	<b>3,890</b>	<b>3,890</b>

11. What percentage of students with disabilities in the school district, as of the submission date of this technology plan, have assistive technology documented on their Individual Education Plan (IEP)?

4

12. Please describe any additional assistance or resources that, if provided, would enhance the district's ability to improve access to technologies for students with disabilities.

Funding and time for professional development--both general and specialized--for teachers and staff to make better use of existing and new technologies. Additional staff dedicated to staff development would be very welcome.

With regard to assistive technology, District staff knowledge is supplemented with outsourced assistive technology experts and integrated by a dedicated special education technician.

13. How many peripheral devices are in use in the district?

	Number of devices in use
Document Cameras	40
Flat Panel Displays	4
Interactive Projectors	0
Interactive Whiteboards	640
Multi-function Printers	1
Projectors	100
Scanners	14

**Instructional Technology Plan - 2016**

Instructional Technology & Infrastructure Inventory

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Page Last Modified: 09/01/2016

	Number of devices in use
Other Peripherals	236
<b>Totals:</b>	<b>1,035</b>

**14. If a number was provided for "Other Peripherals" please specify the peripheral device(s) and quantities for each.**

Webcams = 100  
 Science Probes  
 Temperature Sensor 36  
 Ph Sensor 3  
 Dissolved Oxygen Sensor 9  
 Carbon Dioxide Sensor 0  
 Magnetic Field Sensor 6  
 Humidity Sensor 3  
 Barometer 4  
 Motion Sensors 8  
 Force Sensors 9  
 Absolute Pressure Sensor 8  
 Acceleration 8  
 Voltmeter 9  
 PasPort 18  
 PasPort USB Link 15

**15. Does your district have an asset inventory tagging system for district-owned equipment?**

Yes

**16. Does the district allow students to Bring Your Own Device (BYOD)?**

No

**17. Has the school district provided for the loan of instructional computer hardware to students legally attending nonpublic schools pursuant to Education Law, section 754?**

Not Applicable

**18. What barriers may prevent the district from testing 100% of its grade 3-8 students and NYSAA students on computers by the year 2020?**

- Insufficient number of devices meeting testing requirements
- Lack of reliable Internet service
- Insufficient broadband access
- Inadequate staffing levels
- Insufficient testing spaces

**Instructional Technology Plan - 2016**

Instructional Technology & Infrastructure Inventory

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Page Last Modified: 09/01/2016

- District does not foresee any barriers
- Other

Instructional Technology Plan - 2016

Software and IT Support

Page Last Modified: 08/31/2016

**D. Software and IT Support**

1. **What are the operating system(s) in use in the district?**

	Is this system in use?
Mac OS Version 9 or earlier	No
Mac OS 10 or later	Yes
Windows XP	No
Windows 7.0	Yes
Windows 8.0 or greater	No
Apple iOS 7 or greater	Yes
Chrome OS	Yes
Android	Yes
Other	Yes

2. **Please provide the name of the operating system if the response to question one included "Other."**

Linux

3. **What are the web browsers, both available and supported, for use in the district?**

	Web Browsers available and supported for use
Internet Explorer 7	No
Internet Explorer 8	No
Internet Explorer 9 or greater	Yes
Mozilla Firefox	Yes
Google Chrome	Yes
Safari (Apple)	Yes
Other	No

4. **Please provide the name of the web browser if the response to question three included "Other."**

(No Response)

5. **Please provide the name of the Learning Management System (LMS) most commonly used in the district. A Learning Management System (LMS) is a software application for the administration, documentation, tracking, reporting, and delivery of online and blended learning courses.**

None used.

6. **Please provide the names of the five most commonly used software programs that support classroom instruction**

## Instructional Technology Plan - 2016

## Software and IT Support

Page Last Modified: 08/31/2016

**in the district.**

1. Castle Learning
2. SkillsTutor
3. enVision
4. Learning A-Z
5. BrainPop

**7. Please provide the names of the five most frequently used research databases if applicable.**

Having library media specialists spread over 14 school buildings and 4 different building levels (Kindergarten Center, Elementary, Middle School, High School) makes narrowing down to five research databases almost impossible. What follows is a list of the most commonly used packages, in no particular order, developed by our library media specialists:

- WorldBook Online
- Culturegrams
- Biography for Beginners
- Kids Infobits
- History Study Center
- eLibrary Science
- DK Eyewitness e-books
- Noodle Tools
- Teaching Books
- SIRS Discover
- Opposing Viewpoints
- Proquest
- NoveList Plus
- Biography Reference Center

**8. Does the district have a Parent Portal?**

Yes

**8B. Check all that apply to the Parent Portal if the response to question eight is "Yes."**

- Attendance
- Homework
- Student Schedules
- Grade Reporting
- Transcripts
- Other

**8C. If 'Other' was selected in question eight (a), please specify the other feature(s).**

(No Response)

**9. What additional technology-based strategies and tools, besides the Parent Portal, are used to increase parent**

Instructional Technology Plan - 2016

Software and IT Support

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Page Last Modified: 08/31/2016

**involvement?**

- Learning Management System
- Emergency Broadcast System
- Website
- Facebook
- Twitter
- Other

10. Please list title and Full Time Equivalent (FTE) count (as of survey submission date) of all staff whose primary responsibility is providing technical support. Does not include instructional technology integration FTE time.

Title	Number of Current FTEs
Network Administrators	2.00
IT Technicians	7.00
	<b>9.00</b>

## Instructional Technology Plan - 2016

Curriculum and Instruction

Page Last Modified: 08/31/2016

**E. Curriculum and Instruction****1. What are the district's plans to use digital connectivity and technology to improve teaching and learning?**

The District is current attacking digital connectivity and technology to improve teaching and learning and number of different fronts.

- From a network connectivity perspective, the District is completing its district wide rollout of 100% wireless coverage. When coupled with our access management solution, this will allow not only District owned equipment to access network and internet resources, but also facilitate full BYOD.
- We are exploring the implementation of both Blackboard's LMS and Google's Drive/Apps for Education solution.

**2. Does the district's instructional technology plan address the needs of students with disabilities to ensure equitable access to instruction, materials, and assessments?**

Yes

**2B. If "Yes", please provide detail.**

The Middle Country Central School District provides robust and reliable access to current and emerging technologies and digital resources, with connectivity for all students.

**3. Does the district's instructional technology plan address the provision of assistive technology specifically for students with disabilities to ensure access to and participation in the general curriculum?**

Yes

**3B. If "Yes", please provide detail.**

The Middle Country Central School District provides appropriate adaptive technology for students with disabilities to meet their specific needs, maintaining fidelity to their individual education program (IEP). To better meet the needs of these students and the teachers that support them, the Offices of Pupil Personnel Services and Technology share a 1 FTE computer technician to prioritize technology issues. To bridge working technology with teachers and students, Special Education contracts with adaptive technology specialists from either BOCES or another appropriate consultant.

**4. Does the district's instructional technology plan address the needs of English Language Learners to ensure equitable access to instruction, materials, and assessments?** Yes No**4B. Please provide details. If the district plans to apply for Smart School Bond Act funds for Classroom Learning Technology, the answer to this question must be aligned with the district's Smart Schools Investment Plan (SSIP).**

The district utilizes web-based resources, software programs and apps that promote language acquisition to our English Language Learners.

**Instructional Technology Plan - 2016**

Professional Development

Page Last Modified: 08/31/2016

**F. Professional Development**

- Please provide a summary of professional development offered to teachers and staff, for the time period covered by this plan, to support technology to enhance teaching and learning. Please include topics, audience, and method of delivery within your summary.**

It is understood that the success of attempts to integrate technology in a school or workplace is dependent on appropriate training and support. Middle Country Central School District provides training for teachers, administrators and support staff in the following ways.

- Turnkey training seminars– The district offers in-service credit to teachers who complete 15 hours of curriculum related technology coursework.  
In-house turnkey trainers conduct these seminars. Courses are offered on an on-going basis at a variety of user ability levels. Our current offering includes over 30 seminars on a variety of topics.
- BOCES administrative courses – Secretarial and administrative staff sign-up for courses on a variety of software packages.
- District Coordinator for Technology – Provides training on the effective integration of technology in classrooms. The technology specialist publishes a technology newsletter, evaluates and publishes educational links on the district web-site, supports turnkey trainers, evaluates software, sets up demonstrations and training sessions, and schedules and delivers training for our staff members.
- Teacher Center – The teacher center offers technology courses on a variety of topics including: using video in the classroom, web based research and digital imaging.
- BOCES Model Schools – As a member of the Model Schools program, the district participates in training opportunities through the model schools program.
- Outsourced training – Specialized training is outsourced as needed.

- Please list title and Full Time Equivalent (FTE) count (as of survey submission date) of all staff whose primary responsibility is delivering technology integration training and support for teachers. Does not include technical support.**

Title	Number of Current FTEs
Director of Technology	1.00
Coord for Technology	1.00
Coord for Sci & Research	1.00
Technology TAs	10.00
Coord for Data Services	1.00
	<b>14.00</b>

Instructional Technology Plan - 2016

Technology Investment Plan

Page Last Modified: 08/31/2016

**G. Technology Investment Plan**

1. Please list the top five planned instructional technology investments in priority order over the next three years.

Infrastructure is considered an instructional technology investment.

	Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual or Both?	Funding Sources May choose more than one source
1.	Network Cabling	223,027	One Time	<input type="checkbox"/> BOCES Co-Ser Purchase <input checked="" type="checkbox"/> District Operating Budget <input checked="" type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Material Aid <input type="checkbox"/> Instructional Resources Aid <input checked="" type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
2.	Other	532,993	One Time	<input type="checkbox"/> BOCES Co-Ser Purchase <input checked="" type="checkbox"/> District Operating Budget <input checked="" type="checkbox"/> District Public Bond <input checked="" type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Material Aid <input type="checkbox"/> Instructional Resources Aid <input checked="" type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
3.	Other	104,956	One Time	<input type="checkbox"/> BOCES Co-Ser Purchase <input checked="" type="checkbox"/> District Operating Budget <input checked="" type="checkbox"/> District Public Bond <input checked="" type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Material Aid <input type="checkbox"/> Instructional Resources Aid <input checked="" type="checkbox"/> Smart Schools Bond Act

Instructional Technology Plan - 2016

Technology Investment Plan

Page Last Modified: 08/31/2016

	Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual or Both?	Funding Sources May choose more than one source
				<input type="checkbox"/> Other
4.	Wi-Fi	89,788	One Time	<input type="checkbox"/> BOCES Co-Ser Purchase <input checked="" type="checkbox"/> District Operating Budget <input checked="" type="checkbox"/> District Public Bond <input checked="" type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Material Aid <input type="checkbox"/> Instructional Resources Aid <input checked="" type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
5.	Desktops	600,000	One Time	<input type="checkbox"/> BOCES Co-Ser Purchase <input checked="" type="checkbox"/> District Operating Budget <input checked="" type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Material Aid <input type="checkbox"/> Instructional Resources Aid <input checked="" type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
<b>Totals:</b>		<b>1,550,764</b>		

**2. If "Other" was selected in question one, for items purchased or for a funding source, please specify.**

The items below provide detail to the 5 anticipated items or services referenced above:

1. Includes internal fiber replacement in every building between data closets to support 10Gb and replacement of data racks/cubes where necessary
2. Switch upgrades for all data closets to support 10Gb and POE for security, wireless, and VOIP
3. Uninterruptible power supplies for all District data closets
4. Completion of District WiFi project at CHS, NHS, and NL. Includes access points and additional licensing.
5. Continuation of District wide 5-6 year replacement program for classroom and computer labs

**Instructional Technology Plan - 2016**Status of Technology Initiatives and Community Involvement

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Page Last Modified: 08/31/2016

**H. Status of Technology Initiatives and Community Connectivity**

1. **Please check any developments, since your last instructional technology plan, that affect the current status of the technology initiatives.**

- Changes in District Enrollment
- Changes in Staffing
- Changes in Funding
- Technology Plan Implementation
- Computer-based Testing
- Catastrophic Event
- Developments in Technology
- Changes in Legislation
- Other
- None

2. **In this section, please describe how the district plans to increase student and teacher access to technology, at home and in the community.**

The same technology and services that we will use to improve teaching and learning will also help to foster increased student and teacher access to technology, in school, at home, and in the community. Students and teachers will have additional avenues for interaction via network and internet connectivity utilizing District owned and BYOD while on District property. Although there is no plan for a 1:1 program at this time for students, they will be able to work with teachers at home on their own devices utilizing a LMS like Blackboard and various services under the umbrella of Google for Education.

3. **Please check all locations where Internet service is available to students within the school district's geographical boundaries.**

- Home
- Community
- None

- 3B. **Please identify categories of available Internet locations within the community.**

Cablevision has community access throughout the Route 25 and Route 347 corridors. In addition, many businesses in the area provide free Internet access, as well as the public library.

**Instructional Technology Plan - 2016**Instructional Technology Plan Implementation

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Page Last Modified: 08/31/2016

**I. Instructional Technology Plan Implementation**

1. **Please provide the timeline and major milestones for the implementation of the technology plan as well as the action plan to integrate technology into curriculum and instruction to improve student learning.**

Major initiatives that will be completed this school year include:

- Internal fiber replacement in every building between data closets to support 10Gb
- Replacement of data racks/cubes to support security/VOIP expansion
- Switch upgrades for all data closets to support 10Gb and POE
- Completion of District WiFi project at Centereach High School, Newfield High School and New Lane Elementary School

The first two items will be funded utilizing the NYS Smart Schools Bond. The remaining two items will be funded via our passed District Bond. The fiber replacement and data rack/cube replacements was submitted to SED for approval and will be submitted to NYS in our Smart Schools Investment Plan. The switch and wireless projects were started in the 15-16 school year and will be completed this school year.

With regard to an action plan for integrating technology into curriculum and instruction to improve student learning, our focus this school year will continue to be on working with the NAO robots at the elementary level and zSpace at the middle and high school level. In addition, we will be introducing Chromebooks to middle school living environment classes.

#### Elementary NAO & Secondary zSpace Programs

- A committee of stakeholders was called together for the purpose of developing a direction for each program
- The Elementary STEM Committee was given a full day of PD and began work on what PD should look like at each grade level
- Following the committee training, teachers in grades 3, 4, and 5 were given 2 full days of hands-on PD - about 3 months apart.

A similar approach will be used for Chromebooks in Living Environment. Professional development will take place during professional periods throughout the day, as well as department meetings.

The following are planned projects for the rest of this school year and next:

- 2016-2017 Elementary CRT > LCD Replacement – Started summer 2016 Mobile Device Management Implementation – Started summer 2016 Living Environment Chromebooks RTTT Library iPads 1:1 Research Replace Building MDF Switches (Warranties expire 2017) Research SMART Board Replacement (Demoing newer versions) Research Instructional Desktop Replacements – Possible Chromebooks Research upgrading to 1GB to endpoints (CAT6)
- 2017-2018 Replace Building IDF Switches (Warranties expire 2017, however older MDF switches will be utilized) SMART Board Replacement Plan Instructional Desktop Replacement Plan

Items that may span multiple years, as they were part of the District Bond as well, are security system updates, upgrades and additions, and an eventual phone system replacement.

Instructional Technology Plan - 2016

Monitoring and Evaluation

Page Last Modified: 08/31/2016

**J. Monitoring and Evaluation**

1. Please describe the proposed strategies that the district will use to evaluate, at least twice a year, whether the district's instructional technology plan is 1) meeting the vision and goals as outlined in the plan and 2) making a positive impact on teaching and learning in the district.

District technology stakeholders meet regularly to discuss progress being made on annual goals and long-term goals and projects. Feedback from staff and the results of any studies or surveys are shared. The District Professional Development Committee conducts surveys of staff to determine the training needs for professional and non-instructional support staff. PDP sub-committees explore current research, developments, and programs, and make recommendations.

The effectiveness of the District Technology Plan is obtained through observations, focus groups, interviews and informal meetings with teachers, students, and parents. Our administrators continue to evaluate the effectiveness of the District Technology Plan through the informal and formal evaluations with teachers, students, and parents. In short, all educators continually evaluate and reflect on professional practice to make informed decisions regarding the use of technology in support of student learning.

The evaluation of the programs is communicated at Board of Education meetings, PTA Council meetings, faculty meetings, department meetings, and through digital communications.

2. Please fill in all information for the policies listed below.

	URL	Year Policy Adopted
Acceptable Use Policy -- AUP	<a href="http://www.mccsd.net/files/83/Middle%20Country%20-%20Student%20Acceptable%20Use%20Policy.pdf">http://www.mccsd.net/files/83/Middle%20Country%20-%20Student%20Acceptable%20Use%20Policy.pdf</a>	2010
Internet Safety/Cyberbullying*	<a href="http://www.mccsd.net/policies.cfm?pid=508">http://www.mccsd.net/policies.cfm?pid=508</a> , <a href="http://www.mccsd.net/policies.cfm?pid=169">http://www.mccsd.net/policies.cfm?pid=169</a>	2014
Parents' Bill of Rights for Data Privacy and Security	<a href="http://www.mccsd.net/policies.cfm?pid=273">http://www.mccsd.net/policies.cfm?pid=273</a>	2014

**Instructional Technology Plan - 2016**

Survey Feedback

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Page Last Modified: 08/31/2016

**K. Survey Feedback**

Thank you for submitting your district's instructional technology plan (ITP) survey via the online collection tool. We appreciate the time and effort you have spent completing the ITP survey. Please answer the following questions to assist us in making ongoing improvements to the online survey tool.

**1. Was the survey clear and easy to use**

Yes

**2. Was the guidance document helpful?**

Yes

**3. What question(s) would you like to add to the survey? Why?**

(No Response)

**4. What question(s) would you omit from the survey? Why?**

(No Response)

**5. Other comments.**

- What is meant by connectivity on question B4? There seems to be, at least from our perspective, some overlap between cabling and connectivity. Unless by connectivity you're looking for wireless.
- Clarity needs to be brought to the questions regarding telecommunications lines into the district. Should this just read ISP connectivity?

**Instructional Technology Plan - 2016**

Appendices

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Page Last Modified: 08/31/2016

**Appendices**

1. **Upload additional documentation to support your submission**

(No Response)