

Instructional Technology Plan - Annually - 2016

LEA Information

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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	1,730	0	322	381	435	583	9

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

David Casamento

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

Director of Technology

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Instructional Technology Vision and Goals

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B. Instructional Technology Vision and Goals

1. Please provide the district mission statement.

Our schools exist to nurture the best in each child morally, intellectually, socially, artistically, emotionally and physically. Specifically, we seek to encourage respect for individual human worth and acceptance of difference, an open and curious mind armed with the ability to think critically and to consider ideas in the light of values, and a responsible pursuit of personal excellence and knowledge. We expect our schools to be humane and supportive environments where the growth of learners is more important than judgments of them. We expect our schools to meet the needs of the rich variety of human potential.

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

Belief Statement

The technology tools that we provide to each classroom are seamlessly integrated into all content areas on all grade levels where appropriate. These tools of technology will reshape and ultimately transform the teaching and learning processes:

- to communicate through networks and telecommunication – locally – nationally & globally
- to provide curricular integration
- to access, retrieve, manage, interpret, manipulate, and evaluate information
- to communicate responsibly, intelligently, effectively and creatively
- to synthesize concepts and express ideas
- to communicate visually, graphically, and artistically through multimedia presentations
- to access multiple sources of information:
- to build learning partnerships
- to facilitate joint study
- to share resources
- to work collaboratively
- to enhance global communication
- to support teachers in instructional and administrative tasks as well as in their own professional growth and development
- to ensure equitable availability of resources
- to respond to diverse learning styles and needs
- to demonstrate responsible cyber behavior and develop responsible and respectful cyber citizens
- to ensure global awareness, civic literacy, and information literacy among all stakeholders

Mission Statement

The East Williston Union Free School District is committed to making tools of technology available to all members of our educational community by providing:

- provide WAN (Wide Area Network) through WAN secure web based applications
- provide a secure web based online community to communicate with staff, parents, students and the community.
- provide community electronic access to district events
- provide a secure online web based community to connect with other classrooms and other schools throughout the world
- provide a secure online web community to work collaboratively across the district and across curriculum areas.
- provide a secure online web based community to create and maintain a personal electronic portfolio that will house a body of student work throughout their academic career at the East Williston School District
- provide parents and students with secure access to selected student data
- provide students and staff with filtered wireless connectivity
- provide mobile devices in the classrooms
- provide instructional peripherals for effective classroom instruction

Technology Vision

The technology vision of the East Williston School District is to provide a school climate that affords technology literacy opportunities for all members of the school community so they may acquire multi-dimensional skills and applications necessary for success within and beyond the classroom environment. High-quality professional development training for teachers will give them the knowledge and skills necessary to enhance student learning by integrating technology literacy within the various curricula. The school community uses technology as a method of instruction, communication, presentation, documentation, research, analysis, and assessment. Teacher training and student learning for technology literacy include the ability to creatively and innovatively access, retrieve, interpret and evaluate information. Technology increases productivity, enhances critical thinking and problem-solving skills, encourages cooperative learning, and expands learning opportunities for all students.

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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 plan is developed on a three to five year cycle by the district technology committee. This committee is comprised of the Superintendent, Assistant Superintendent for Business, the Assistant to the Superintendent, the Director of Science and Technology, the instructional technology teachers from each of the three buildings, the building principal and /or assistant principal from each of the three buildings, teacher representatives from each of the three buildings and one parent representative from each of the three buildings. Two of the three library media specialists in the district are also members of this committee.

This committee meets 4 times a year during non-tech planning years and six times per year during tech planning years. During non-planning years, the committee is provided with bi-annual updates on the successes and failures with implementing the various components of the plan. The Board and the Superintendent receive this yearly. During planning years, the committee presents a needs analysis to stakeholder groups and each section of the plan is developed using the results from this assessment. The technology plan is then adopted by the BOE at the conclusion of the planning year. Regular meetings also include a time for an update from each of the buildings, budgeting and purchases, and presentations from various stakeholders requesting the purchase of new equipment. The technology committee provides recommendation for purchase to the technology director and the Superintendent.

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.

Although the technology currently represents our needs, we do anticipate a gap will exist if we do not install greater bandwidth, increase cabling to accommodate 10G and install additional WAPS. Professional development is clearly outlined in our technology plan and again, although our needs are currently being met, we need to continue the in-house staff developer to ensure equity of access to information through technology in the classroom.

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Instructional Technology & Infrastructure Inventory

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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?

Nassau BOCES

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"> <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 Capacity	<ul style="list-style-type: none"> <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

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.

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	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?**

0

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

- Yes
- No

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

90

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?**

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	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)	700	700
Laptops/Virtual Machine (VM)	205	205
Chromebooks	1,150	1,150
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	200	200
Tablets less than nine (9) inches without access to an external keyboard	25	25
Tablets nine (9) inches or greater without access to an external keyboard	50	50
Totals:	2,330.00	2,330.00

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)?

7

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.

As this is a mandate, it would be helpful if there were grants for special education technology purchasing to help offset the cost of technology for students with disabilities and the classrooms that support these students.

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

	Number of devices in use
Document Cameras	180
Flat Panel Displays	0
Interactive Projectors	0
Interactive Whiteboards	128
Multi-function Printers	30
Projectors	180
Scanners	5
Other Peripherals	81
Totals:	604.00

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

cameras-6, vernier probes-75

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

Yes

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Instructional Technology & Infrastructure Inventory

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

Yes

16a. On an average school day, approximately how many student devices access the district's network?

2,000

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
- District does not foresee any barriers
- Other

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Software and IT Support

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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	No

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

(No Response)

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.**

EdModo at the middle school only

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

SmartNotebook, Microsoft Office and Google Docs, IXL, Reading A-Z, and EdModo

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

(No Response)

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Software and IT Support

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8. Does the district have a Parent Portal?

Yes

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

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

8b. 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 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
Director of Science and Technology	1.00
Instructional Technology Teachers	1.00
Instructional Technology TAs	4.00
On-site Tech	1.00
	7.00

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Curriculum and Instruction

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E. Curriculum and Instruction

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

Goal 1: Support Common Core Learning Standards

Communication Skills

Knowledge of Models and Simulations

Research Skills

Goal 2: Identify software and resources for curricular integration and assessment.

Goal 3: Increase access to information and technology to enhance the teaching and learning process

Goal 4: Continue to support, facilitate, and develop meaningful two-way communication between the school, home, and community through the use of technology.

Goal 5: Continue to teach internet safety and digital citizenship to all grade levels with information updated on a semi-annual to annual basis.

Goal 6: Expand the opportunity for more students to take and explore computer science course offerings.

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

2a. If "Yes", please provide detail.

The district supplies all of its students with disabilities with equipment and software to meet their individual needs to ensure equal access to technology and information. In addition, Each special education and classroom teacher is provided a device to assist students. Materials are varied for these individuals through the use of technology and Google Classroom has been a great addition to this program.

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

3a. If "Yes", please provide detail.

The district will make every effort to supply students with disabilities the appropriate device to meet their individualized learning plan. Students who have assistive technology written in their IEPs are provided the device immediately. The special education department also has the ability to hire outside contractors to evaluate for adaptive technology for students with special needs. The district follows the recommendations of these individuals and the technology is purchased immediately.

The district recognizes that students with disabilities require differentiated materials and as such the district purchases software specifically tailored to individual student needs.

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

4a. 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 supplies all of its ENL students with equipment and software to meet their individual needs to ensure equal access to technology and information. In addition, Each ENL teacher is provided a device to assist students. Materials are varied for these individuals through the use of technology and Google Classroom has been a great addition to this program.

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Professional Development

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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.**

Teachers in the district are required by contract to spend 12 hours beyond the contract year in staff development or curriculum development activities. Most teachers exceed this minimum, but there is a district minimum.

This past year we once again graduated another model teacher cohort. The teachers who sign up for this program receive 24 hours of professional development. Topics this year included, Google docs, BrainPop, Pear Deck, Google Classroom, Flubaroo, technology integration by department, as well as many other new technologies.

The full time staff developer worked with teachers throughout the district on a variety of platforms and integration activities. In particular, the kindergarten teachers received Android devices this year and the were taught how to use these devices and spent time seeking grade level appropriate apps.

Teacher center courses were offered on Adobe, Google Maps, Google Drive, and Pear Deck.

At this time, all professional development is formal professional development being led by a staff member to train other teachers. Teachers also participate in collegial circles in the form of informal professional development. Many teachers in the district participate in independent professional development where they Google what they want to know on their own, many attend EdCamps from across the country, and many participate in Twitter chats to expand their knowledge of technology and its integration in the classroom

The district also continues to work closely with Discovery education and besides the streaming video service, they also participate in teh TechBooks in science and social studies.

- 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
Tech Integration Coach	1.00
Inst. Technology Teacher	1.00
	2.00

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Technology Investment Plan

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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.**

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Technology Investment Plan

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	Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual or Both?	Funding Sources May choose more than one source
1	Chromebooks	200,000	Annual	<input type="checkbox"/> BOCES Co-Ser Purchase <input checked="" type="checkbox"/> District Operating Budget <input 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 type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
2.	Network Cabling	400,000	One Time	<input type="checkbox"/> BOCES Co-Ser Purchase <input type="checkbox"/> District Operating Budget <input 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.	Desktops	100,000	One Time	<input type="checkbox"/> BOCES Co-Ser Purchase <input checked="" type="checkbox"/> District Operating Budget <input 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 type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
4.	Servers	150,000	One Time	<input type="checkbox"/> BOCES Co-Ser Purchase <input checked="" type="checkbox"/> District Operating Budget <input 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 type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
5.	Professional Development	175,000	Annual	<input type="checkbox"/> BOCES Co-Ser Purchase <input checked="" type="checkbox"/> District Operating Budget <input 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 type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
Totals:		1,025,000.00		

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Technology Investment Plan

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

(No Response)

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Status of Technology Initiatives and Community Involvement

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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.

Goal: Continue to support, facilitate, and develop meaningful two-way communication between the school, home, and community through the use of technology.

- Continue to organize utilize the web site in a manner where all stakeholders are able to retrieve information in an efficient manner.
- Continue to identify ways to move toward a paperless environment.
- Investigate additional ways to increase parental and community participation at events and meetings.

Goal Action Items

- Refine the new website into increase traffic to the District website and monitor this through Google Analytics.
- Increase the use of the Parent Portal in all buildings and for additional functions.
- Expand the use of social media to inform the community of district events (ex: Twitter, Facebook).
- Investigate the ability to stream events live for community and family who cannot attend an event.
- Seek a system that will aggregate all homework assignments into one location for easier access by parents.

Goal: Increase access to information and technology to enhance the teaching and learning process

- Continue to ensure that there are sufficient devices to accommodate 21st Century student learning.
- Explore and develop curriculum materials to expand and make learning more meaningful for students.
- Identify resources that will allow teachers new ways to deliver instruction while at the same time increasing their productivity and allowing them to spend more time with students.
- Continue to explore and utilize more web 2.0 tools and cloud based solutions.

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

- Home
- Community
- None

3a. Please identify categories of available Internet locations within the community.

Local Business-Approximately 50
Local Libraries- 1

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Instructional Technology Plan Implementation

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I. Instructional Technology Plan Implementation

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Instructional Technology Plan Implementation

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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.

Technology Plan Checklist 2015-2018		
Action Item	Outcomes	Date of Action
Curriculum		
1. The district will continue expanding and maintaining the one-to-one initiative for students in order to access technology for their studies 24/7.	Integration into classroom with an increase in research skills and student achievement	Fall 2015
2. Students will begin to integrate a variety of mobile technology devices within projects and assignments. This includes but is not limited to cell phones, tablet computers, and laptops.	Increase student output for various research initiatives	Fall 2015
3. Continue implementing Google Docs in classes in order to facilitate Common Core lessons and learning.	Increased student achievement on common core exams	Fall 2015
4. Continue to develop and refine internet safety training making certain to keep abreast of all new threats and hazards for our students; as well as Digital Citizenship awareness and training.	Compliance with CIPA and district policies	Fall 2015 and ongoing
5. The district continues to develop and refine the K-12 technology Scope and Sequence. With the introduction of a STEM initiative, computer science curriculum will be both modified and expanded during the life of this document.	To provide a quality STEM curriculum	Fall 2015 and ongoing
6. The district will search for new computer based assessment tools that provide teachers with valuable information in order to guide instruction.	To provide data for increased student achievement	Fall 2017
7. Identify additional textbooks that are available for digital purchase.	To allow for the reduction of paper texts and utilize 1:1 devices	Fall 2017
8. Seek online learning opportunities for students to take courses not offered in our schools.	To align resources for our advanced students	Fall 2017
9. Continue to seek out a learning management system that is both functional and easy to use (ex: EdModo, Haiku, etc.)	To provide a place where parents and students can monitor progress	Fall 2016
10. Expand the use of Google Drive for workflow	Increased workflow	Fall 2015-continuing
11. Refine the new website into increase traffic to the District website and monitor this through Google Analytics.	Increased school-community relations	Fall 2015 and continuing
12. Increase the use of the Parent Portal in all buildings and for additional functions	Increased school parent communication	Fall 2015
13. Expand the use of social media to inform the	Increased school-community communication	Fall 2016

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community of district events (ex: Twitter, Facebook).		
14. Investigate the ability to stream events live for community and family who cannot attend an event.	Increased school-community communication	Fall 2016
15. Continue <i>Digital Citizenship Day</i> presentations during the month of October each year.	To foster good digital citizens	Fall 2015 and continuing
16. Maintain a portal on the district website with links to digital citizenship resources for parents and students.	To foster good digital citizenships and enlist parents as partners	Fall 2016
17. Increase female participation in computer science courses by 10% over the life of this plan.	To increase female participation in STEM courses	Fall 2016
18. Monitor and modify current course offerings to include current trends and opportunities in computer science.	To continue to enhance our STEM offerings	Spring 2016
Professional Development		
1. Continue and expand teacher use of Google Apps and all other cloud based software.	Increased workflow	Fall 2015 and continuing
2. Train staff on the single LMS platform selected	To help students and parents work in an electronic environment similar to what they will see in college	Fall 2017
3. Train staff on available technologies and emerging technologies in order to facilitate "flipped," classrooms	To increase student achievement and make learning optimal for all students	Fall 2016
4. Provide assistance in developing blended/online learning platforms	To increase student achievement and make learning optimal for all students	Fall 2016
5. Develop a, "digital toolbox," where teachers and administrators can access professional development anytime, anywhere	To provide an online learning place for teachers	Fall 2017
6. Assist teachers in expanding their PLN through means such as Twitter and other social networks	To "brand," their classrooms for school-community involvement	Fall 2016 and continuing
7. Provide additional training on 1:1 devices (i.e iPads/Chromebooks	To ensure complete penetration into all curriculum areas	Fall 2015 and continuing
8. Expand the Digital Citizenship Day and modify as new threats emerge	To develop good digital citizens	Fall 2015 and continuing
9. Provide training to parents through district sponsored events such as the District Technology Fair and Parent Universities.	To enlist parents as partners in good digital citizenship	Spring 2016 and continuing
10. Provide training on the utilization of assessment data to inform curricular and instructional decisions.	To use data to inform instruction	Fall 2016 and continuing

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11. Train administration on the tools available and the interpretation of the data so they can assist staff in the interpretation of certain data	Administrators can ensure infusion in to the curriculum and provide support to staff members	Spring 2016 and continuing
Infrastructure		
1. Reassess the district-wide technology initiatives (network, information systems, and applications to increase productivity) and maintain a team of support personnel that addresses the technology mission statement	To ensure the tech environment is sound and handle additional devices and resources	Fall 2015 and continuing
2. Replace and/or upgrade hardware using a seven-year cycle to determine life expectancy of equipment as well as implement a virtual/thin client or cloud computing environment	To make good use of district purchased resources and at the same time, ensure the devices keep pace with learning demands	Spring 2016 and Spring 2017
3. Assess the status of the network, evaluate communication systems, and develop strategies for increased use of technology between school, home and the community	To increase school-home-community relationships	Fall2016 and ongoing
4. Continue to investigate the 1:1 initiative and make changes to hardware and software to successfully implement the 1:1 initiative.	To ensure the best device is used to increase student achievement and learning	Fall 2015-Spring 2016
5. Continue to investigate and select an LMS districtwide	To have students communication better with teachers and be prepared for post-secondary learning	Fall 20167

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Monitoring and Evaluation

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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.

1. Create a checklist of action items in the plan and assign deadlines and responsibilities for the completion of each action item within the 3 year time frame	Dave	Done. This is the checklist
2. Report to the progress of achieving and/or attaining the action items to the Technology Committee on a regular basis	Dave	This is the annual update
3. Provide an annual report to the Superintendent for action items accomplished each year of the plan.	Dave	This is the checklist
4. Educational Technology Specialists and network administrators to regularly meet with the Director to assess the integration of technology into the curriculum and to develop a more coherent understanding of the needs and challenges on a biweekly basis	Dave	Happens bi-weekly at tech team meetings & meetings with BOCES
5. Hold regular District Technology Committee meetings (a minimum of 4 per year) in order to evaluate the technology needs of the district by receiving input from administration, teachers and students. In addition, Technology Committee members will analyze results and gather information as to determine the strengths and weaknesses of the plan. Redirection of goals, introduction of new or additional goals, or implantation of new initiatives will be addressed and incorporated	Dave	Happens 4 times per year now
6. Continue hosting a <i>Technology Fair</i> and/or participate in Parent University for the community in order to showcase student work and the uses of technology in the classroom	Dave	Next year will be integrated with math/science night
7. Work alongside the PDSG committee to ensure professional development that is infused with technology in order to enhance the teaching and learning process	Audra & Rochelle	They represent the tech team on this committee
8. Implement a tri-annual staff and faculty, student, and parent survey to provide insight as to the views of technology that are held by the individuals who are to use it. The survey will contain questions about staff development opportunities, access to and availability of technology, and personal feelings about technology as well as other areas determined relevant by the Technology Committee	Dave	Was last done in 13-14 in preparation of this plan

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Monitoring and Evaluation

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

	URL	Year Policy Adopted
Acceptable Use Policy -- AUP	http://www.ewsdonline.org/view/1188.pdf	2009
Internet Safety/Cyberbullying*	http://boardpolicyonline.com/?b=east_williston	2014
Parents' Bill of Rights for Data Privacy and Security	http://www.ewsdonline.org/files/user/5/file/14-15%20District%20Notices/Parents%20Bill%20of%20Rights.pdf	2014

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Survey Feedback

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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?

No

2a. If "No", please explain.

The guidance document, although helpful, needs to be made much more clear. Specifically in the area of internet connections.

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

Why is there a limit on the word count. There are several areas of the local plan that I needed to eliminate because of word count.

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

(No Response)

5. Other comments.

(No Response)

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Appendices

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Appendices

1. Upload additional documentation to support your submission

EW Technology Plan 2014-2017.pdf

2014-2017 Action Items Checklist for NYSED Tech Survey.docx