

Instructional Technology Plan - Annually - 2016

LEA Information

Page Last Modified: 08/11/2016

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	4,628	0	906	1,038	1,124	1,535	25

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

Sue Huscilowitc

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

Other

3a. If the response to question 3 was "Other", please provide the title.

Director of Instructional Technology

Instructional Technology Plan - Annually - 2016

Instructional Technology Vision and Goals

Page Last Modified: 08/11/2016

B. Instructional Technology Vision and Goals

1. Please provide the district mission statement.

The West Islip Community is committed to excellence in education through the establishment of an academic, vocational and social environment so all children can learn and succeed. Our students are provided the opportunity to develop their self-esteem and a respect for others while acquiring the knowledge, skills and attitudes to become responsible citizens in a rapidly changing world. Our goal is to have students think in global terms and develop cultural sensitivity and an international orientation. We seek to instill in our students the ability to share their commonalities, celebrate their differences, and appreciate that learning is a lifelong process.

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

The West Islip School District is committed to providing a learning climate for the community which recognizes and supports the need to adapt to an evolving and ever changing world utilizing technology to provide skills and knowledge that empowers all learners. WIUFSD's vision is to create and sustain a Professional Learning Community that embraces the ISTE NETS Standards for students, teachers and administrators. We live in a technology and media-driven world where children have access to an abundance of information, experience rapid changes in technology tools and have the ability to collaborate on a global scale. While basic skills remain the cornerstone of essential learning, students must learn how to learn to be a successful 21st century learner. This plan recognizes that technology is an essential component in preparing our students to compete in a global economy, to succeed in a world with new technologies, global communication, social networking and information age for the jobs of the future. Our technology plan is the district's response to meeting this need. In changing the culture of instruction, we will be preparing students for their future. The expanded use of technology in all grade levels and departments has made the instructional and administrative use of computers and related technologies an important and highly visible District initiative. The commitment of the Board of Education and the community to continue to fund this initiative is critical in order to enable West Islip students to be competitive in the 21st century. The implementation of the Common Core Learning Standards, STEM goals, RTI, changes in the NYS assessments, new accountability and data reporting requirements, presents a continued need to sustain a climate in order to achieve success. Technology can help students and the district achieve these goals if the necessary policies, human, physical and financial conditions are aligned to facilitate this endeavor.

This technology plan focuses on four main goals:

GOAL 1: IMPROVE STUDENT LEARNING, CRITICAL THINKING SKILLS & CREATIVITY: Teachers will use technology to engage students and differentiate instruction to ensure mastery of 21st century skills and move towards a one to one device deployment for staff and students.

GOAL 2: PROFESSIONAL GROWTH AND LEADERSHIP: The district will provide ongoing and flexible Professional Development opportunities for the members of our learning community designed to promote Digital Citizenship and to increase their ability to utilize technology across the curriculum.

GOAL 3: ADMINISTRATIVE TECHNOLOGY: Ensure that all teachers, support staff, and administration are provided opportunities to develop the skills necessary to use technology effectively through state-of-the-art hardware and software, support personnel, and professional development.

GOAL 4: INFRASTRUCTURE: The IT Department will provide effective and efficient technical support for the district using current resources and guide the decision making process for future acquisitions to ensure that all buildings have the capacity, infrastructure, and equipment to meet academic and business needs for all operations. There needs to be a focus on implementing a full wireless infrastructure along with state of the art security technology to ensure student and staff safety.

Instructional Technology Plan - Annually - 2016

Instructional Technology Vision and Goals

Page Last Modified: 08/11/2016

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.

This revision of the West Islip Public Schools Technology Plan for 2015-2018 was updated over the course of the 2015-2016 school year. This plan is developed collaboratively by the District Technology Committee. This committee represents the various stakeholder groups within the District across grade-levels, content-areas, and disciplines. The committee also includes technology staff, curriculum coordinators and directors, pupil personnel services staff, teachers, and school library media specialists. This committee meets at various times throughout the school year to evaluate and make recommendations to the District's technology initiatives. Copies of the prior district technology plan, the USNY Statewide Learning Technology Plan and the National Technology Plan 2010 were distributed to those listed below so the Technology Plan would be aligned accordingly. Numerous meetings, informal and formal, were held to solicit input from the participants as well as other district stakeholders.

Executive Committee

Bernadette Burns, Superintendent of Schools

Anne M. Rullan, Assistant Superintendent for Curriculum and Instruction

Sue Huscilowitc, Director of Instructional Technology

Amit Pathak, I.T. Consultant

Technology Committee

Committee Chairpersons:

Sue Huscilowitc, Director of Instructional Technology

Anne M. Rullan, Assistant Superintendent for Curriculum and Instruction

Administration:

Lisa DiSibio, District Data Coordinator

Brian Taylor, Director of Science and Engineering Technology

John Mullins, Elementary School Principal

Lisa Martinolich, Middle School Assistant Principal

Amit Pathak, I.T. Consultant

Teachers and Staff:

Kristyna Acerno, Library Media Specialist

Anne Bean, Library Media Specialist

Reanna Fulton, Special Education Teacher

Joanne LaDuca, Computer Teaching Assistant

Karen Nordland, 4th Grade Teacher

Robert Weiss, High School Teacher

Nicholas Lagiglia, High School Teacher

September 2015: Update on Google Apps for Education (GAFE) and configuration; overview of District Bond vote and inclusion of Technology Projects

October 2015: Internet Safety Policy adoption by BOE- October 8, 2015; future bandwidth needs; remote desktop access for home use; continued planning for GAFE implementation in 2016-2017; discuss of budgetary needs to support long term goals

February 2016: District Bond vote passed in November; review of district policies of AUP for instructional technology including social media and web based resources.

March 2016: demo of online PD from Tequipment and discussion of use for future district PD needs; review of Smart Schools Investment Plan and eRate

May 2016: presentation of draft Smart Schools Investment Plan for committee input; Technology PD needs for 2016-17; adoption of GAFE and planning for PD for entire staff.

Instructional Technology Plan - Annually - 2016

Instructional Technology Vision and Goals

Page Last Modified: 08/11/2016

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.

The top three reasons are:

- **Access Points:** Pending the approval of our Smart Schools Investment Plan, Phase 1, we plan to address the infrastructure including the access points and wireless needs for the 1:1 device deployment for staff and students.
- **Devices:** all staff will be issued devices in 16-17. The district budget will need to be increased to enable purchase of student devices over several years to ensure sustainability.
- **Staffing:** Increased demand on the IT and Instructional Technology departments, staffing would not currently be sufficient to sustain the needs of the devices being purchased and PD needed.

Instructional Technology Plan - Annually - 2016

Instructional Technology & Infrastructure Inventory

Page Last Modified: 08/11/2016

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?

Optimum Lightpath

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 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
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.

Instructional Technology Plan - Annually - 2016

Instructional Technology & Infrastructure Inventory

Page Last Modified: 08/11/2016

	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 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
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	0	<input type="checkbox"/> Mbps <input checked="" type="checkbox"/> Gbps
Maximum Capacity of Switches	0	<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?**

10

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?**

Instructional Technology Plan - Annually - 2016

Instructional Technology & Infrastructure Inventory

Page Last Modified: 08/11/2016

	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)	810	810
Laptops/Virtual Machine (VM)	330	330
Chromebooks	0	0
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	44	44
Tablets nine (9) inches or greater without access to an external keyboard	80	40
Totals:	1,264.00	1,224.00

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)?**

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.**

It would be beneficial obtain funding for district-wide and or site-based licenses for commonly prescribed assistive technology tools, i.e. speech to text, word prediction software. Funding for professional development along with BOCES Model Schools providing support and ongoing professional development for special education staff to enable and fully make use of existing and new assistive technologies.

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

	Number of devices in use
Document Cameras	30
Flat Panel Displays	0
Interactive Projectors	2
Interactive Whiteboards	225
Multi-function Printers	0
Projectors	240
Scanners	20
Other Peripherals	26
Totals:	543.00

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

Digital cameras: 7
 Video camera: 7
 Science probes: 12

Instructional Technology Plan - Annually - 2016

Instructional Technology & Infrastructure Inventory

Page Last Modified: 08/11/2016

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?**

Yes

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

Instructional Technology Plan - Annually - 2016

Software and IT Support

Page Last Modified: 08/11/2016

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	Yes
Apple iOS 7 or greater	Yes
Chrome OS	No
Android	No
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	No
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.

Instructional Technology Plan - Annually - 2016

Software and IT Support

Page Last Modified: 08/11/2016

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

AIMS Web
Achieve 3000
Castle Learning
Think Central-Go Math
Scholastic Reading Index (SRI)

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

ProQuest
Culture Grams
SIRS Discoverer
Opposing Viewpoints in Context
ABC CLIO Databases

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).

Immunizations
Assessment data

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

- 9a. Please specify if the response to question nine was "Other".

Naviance College and Career Readiness platform in middle and high school.

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.

Instructional Technology Plan - Annually - 2016

Software and IT Support

Page Last Modified: 08/11/2016

Title	Number of Current FTEs
Network Consultant	0.50
Microcomputer Technician	3.00
Database Support Specialists	2.00
	5.50

Instructional Technology Plan - Annually - 2016

Curriculum and Instruction

Page Last Modified: 08/11/2016

E. Curriculum and Instruction

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

New cloud based technologies have provided an explosion of opportunities for students and teachers to powerful new learning tools, which are transforming teaching and learning. Integrating technology with teaching and learning allows students an opportunity to acquire the 21st century knowledge, skills, attitudes, and values needed for the present and the future. The technology plan for the West Islip school district is designed to provide students with access to the technology modalities for learning that will broaden and deepen their content knowledge as well as enhance student development of 21st century skills. Students will learn to manage the information and use technology to collaborate with learners from diverse backgrounds and various, world-wide locations also in support of the high school being an "International Baccalaureate School." Our students will develop innovative approaches and skill sets to communicate and collaborate globally. Our instructional approach to teaching and learning will have at its foundation the International Society for Technology in Education (ISTE) standards and utilize collaborative web-based platforms such as Google Apps for Education, Reading A-Z, and others. Over the course of the 2016-2017, steps will be made to move in this direction to provide a long-term sustainable infrastructure inclusive of devices for staff and professional development for all staff members.

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 needs of students with disabilities are addressed in several ways. The district is coordinating support with BOCES support for assistive technologies and teachers are encouraged to participate in workshops, conferences, and seminars that address curriculum technology skills, assistive technology hardware and software, and the implementation of technology across the curriculum. Equitable access to students and staff through the use of assistive technology tools is provided. Information regarding students with disabilities is provided to relevant staff members through use of IEP Direct.

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 provision of assistive technology specifically for students with disabilities to ensure access to participation in the general curriculum by providing assistive hardware and software tools. With the assistance of these tools, students with disabilities are able to access and participate fully in the general education. Ongoing research and professional development will be used to ensure appropriate and effective use of these technologies are utilized and available to students.

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 provision of technology specifically for English Language Learners ensures access to participation in the general curriculum by providing technology tools such as translation, text to speech, speech to text, and other web based programs. With the assistance of these tools, English Language Learners are able to access and participate fully in the general education curriculum.

Instructional Technology Plan - Annually - 2016

Professional Development

Page Last Modified: 08/11/2016

F. Professional Development

1. 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.

Topic	Audience	Method of Delivery	NYSED PD Standard(s)	ISTE Standard(s)
Google Apps for Education & Flipped Classroom	K-12 Teachers & Staff	Workshops & Online PD	1A, 1C, 1E, 1G, 1H, 2C, 2D, 3A, 3B, 4A, 4B, 4C, 5B, 5C, 6A, 7C, 8A-D, 9A-G	1, 2, 3, 4, 5, 6
Infinite Campus	K-12	Workshops & Online PD		2, 3, 6
ManageBac (IB upload program)	9-12	Workshops & Online PD		2, 3, 6
Castle Learning	K-12	Workshops		2,3,6
Reading A-Z/Raz-Kids	K-5	Workshops/Webinars		
Smart Notebook Software	K-12	Online PD		1,6
Methodologies in Technology Integration (S.A.M.R.)	K-12	Faculty/Department Meetings		3,4,6
Cyber-Security	K-12	Faculty/Department Meetings		5,6
Go Math 2015	K-8	Workshops/Department Meetings		2,3,6

2. 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 Inst. Tech.	1.00
Library Media Specialists	7.00
Computer Teaching Asst's.	8.00
	16.00

Instructional Technology Plan - Annually - 2016

Technology Investment Plan

Page Last Modified: 08/11/2016

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.**

Instructional Technology Plan - Annually - 2016

Technology Investment Plan

Page Last Modified: 08/11/2016

	Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual or Both?	Funding Sources May choose more than one source
1	Switches	755,000	One Time	<input type="checkbox"/> BOCES Co-Ser Purchase <input 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 checked="" type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
2.	Wi-Fi	995,000	One Time	<input type="checkbox"/> BOCES Co-Ser Purchase <input 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 checked="" type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
3.	Network Cabling	74,820	One Time	<input type="checkbox"/> BOCES Co-Ser Purchase <input checked="" 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 type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
4.	Laptops	300,000	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.	Interactive Displays/Projectors/Whiteboards	120,000	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:		2,244,820.00		

Instructional Technology Plan - Annually - 2016

Technology Investment Plan

Page Last Modified: 08/11/2016

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

(No Response)

Instructional Technology Plan - Annually - 2016

Status of Technology Initiatives and Community Involvement

Page Last Modified: 08/11/2016

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.

Student and teacher access to technology, in school, at home, and in the community will be increased through teaching and learning:

- In school, students and teachers will continue utilize a variety of technologies to enhance teaching and learning. To further increase the use of technology by students and teachers, PD will be offered to teachers in best-practices for using technology in the classroom. As the teachers integrate and implement these technologies in the classroom, teachers collaborate in the PLC to share and model effective use of technology.
- At home, the District will offer to students a variety of methods to access technology through the web. For example, students will be able to access a variety of library databases and web-based applications such as Castle Learning, Raz-Kids, Go Math, Google Apps for Education (GAFE) etc.from their home computer. Further, the District has began a multi-year process of implementing GAFE.
- In the community, the district is seeking to extend and enhance to use of its communications systems and social media. This includes, but is not limited to, the district phone system and email/text message notification systems.

Over the 2016-2017 school year, the district will be upgrading the backbone of the infrastructure with installation of new OM-4 fiber in all wiring closets. The district will update all switches in all wiring closets in anticipation of wireless access points in a density model to ensure connectivity with the deployment of staff and student devices in district pending SSIP funding.

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.

The public library and some local businesses offer free wi-fi to the community.

Instructional Technology Plan - Annually - 2016

Instructional Technology Plan Implementation

Page Last Modified: 08/11/2016

I. Instructional Technology Plan Implementation

Instructional Technology Plan - Annually - 2016

Instructional Technology Plan Implementation

Page Last Modified: 08/11/2016

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.**

2015-16:

-Laptop carts introduced in elementary schools for the 5th grade classrooms and elementary library media centers with appropriate staff development to support use of technology in instruction

-Three hundred eighty new desktop computers installed in the elementary and middle school computer labs. Ongoing surveys with all constituencies will be administered to obtain data to guide the decision making process; the technology committee will meet on nine occasions to monitor the progress of the Technology Plan.

-Curriculum and new curriculum projects will have clearly defined technology integration with communication of instructional needs;

-Virtual server implementation as a component of Disaster Recovery plan.

Summer 2016:

Director of Instructional Technology: finalize SSIP and submit in August pending BOE approval for infrastructure upgrades; coordinate with Model Schools training for assistive technology.

IT Dept/Network Consultant: configure Citrix environment for staff home access; configure GAFE for email access for staff and students; purchase and configure administrative devices for GAFE implementation; rollout new district security program for building access and ID cards.

Curriculum & Instruction: PD plan for GAFE Implementation; review of curriculum projects for technology integration; evaluate transitioning of district website and social media to new platform for community outreach and as a communication tool.

Fall 2016:

IT Dept/Network Consultant: expand district bandwidth in preparation for the addition of instructional needs; refresh laptops in middle school Library Media Centers, Science Research, Engineering Technology.

District Data Coordinator: Open Infinite Campus student portal to middle and high school students to monitor self-progress in classwork and provide guidance to staff on appropriate use.

Director of Instructional Technology: coordinate and support PD & implementation of GAFE; inform parents of GAFE utilization in district; begin to refresh and add SmartBoards; begin purchase and deployment of staff Chromebooks to correlate to GAFE departmental training; coordinate and obtain staff feedback on new online PD for Technology Instruction.

Curriculum & Instruction: schedule of GAFE training for departments as indicated; provide PD for staff then instruction for students on cyber safety and in the appropriate uses of technology through an understanding of the principles delineated in the District's Acceptable Use Policy (AUP); parent workshops on GAFE to support instruction

Winter 2017

IT Dept/Network Consultant: purchase switches and configure in wiring closets; purchase, oversee installation and configure wi-fi access points and controllers (SSIP approval pending); refresh high school desktop computers; budget preparation and increase staffing to ensure sustainability of all aspects of IT.

Director of Instructional Technology: prepare budget for anticipated student Chromebook device purchase with rollout of grade levels TBD and appropriate staffing to support instructional needs; discuss and plan for additional use of SSBA funds with stakeholders.

Curriculum & Instruction: continue GAFE training and other technology PD for departments as indicated.

Spring 2017

IT Dept/Network Consultant: purchase switches and configure in wiring closets; purchase, oversee installation and configure WiFi access points and controllers (SSIP approval pending),.

Director of Instructional Technology: monitor feedback of online PD and communicate to vendor additional needs; continue to provide and further explore the use of assistive technology

Curriculum & Instruction: plan for PD needs for following year; explore use of digital portfolios for authentic assessment as web based platform becomes increasing available for instruction for technological proficiency; evaluate needs of district for LMS pending implementation of feature in SMS for GAFE Integration.

Summer 2017

IT Dept/Network Consultant: review options for single sign-on option to facilitate integration of LDAP for web based programs; evaluate use of multi-function printer as district moves toward digital cloud based environment.

Curriculum & Instruction: Plan parent workshops on 1:1 device implementation for grade levels TBD.

Director of Instructional Technology: purchase and prepare Chromebooks for student use with policies and procedures to support appropriate use.

Fall 2017

IT Dept./Curriculum & Instruction/Director of Instructional Technology: Begin grade level one to one deployment expanding yearly going forward;

Instructional Technology Plan - Annually - 2016

Instructional Technology Plan Implementation

Page Last Modified: 08/11/2016



Instructional Technology Plan - Annually - 2016

Monitoring and Evaluation

Page Last Modified: 08/11/2016

J. Monitoring and Evaluation

- 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.**

In order to evaluate this plan, the District Technology Committee and Professional Development Committee will meet multiple times during the 2016-2017 school year. The two committees will meet alternately receiving feedback from district surveys to refine scheduled PD. Further, as appropriate for each technology project, small focus groups: building, departmental, and administrative, will be formed to provide for a consistent feedback loop during these projects. Surveys will be administered to parents, staff and students to monitor and evaluate status of programs. Ongoing professional development for Google Apps for Education will be held throughout the year with deployment of Chromebooks for instructional staff. All staff will also have the opportunity to receive on-demand online professional development for technology to support all disciplines.

Technology Committee Meeting Dates: 9/15/16; 10/6/16; 12/1/16; 2/9/17; 3/2/17; 5/4/17

Professional Development Committee Meeting Dates: 9/8/16; 11/17/16; 1/19/17; 3/23/17; 5/18/17

The feedback from surveys and other sources will be communicated accordingly to inform future technology needs and professional development for the following year to support Technology Plan and district wide goals to support instructional needs and the deployment of Chromebooks for students in the 2017-2018 school year.

October 2016: Survey administration for all students, staff and parents.

November 2016: Survey data will be reviewed and action taken as indicated

December 2016: Plan for rollout of Chromebooks for students in 2017-2018 for grade levels and budget accordingly

February 2017: Redesign of surveys for students, staff and parents

March 2017: Re-administration of surveys

May 2017: Survey data to be reviewed to inform PD needs for 2017-2018

- Please fill in all information for the policies listed below.**

	URL	Year Policy Adopted
Acceptable Use Policy -- AUP	http://www.wi.k12.ny.us/policy/pdf/Internet-Use-Standards-8-14-14.pdf	2014
Internet Safety/Cyberbullying*	http://www.wi.k12.ny.us/pdf/Internet-Safety-Policy.pdf	2015
Parents' Bill of Rights for Data Privacy and Security	http://www.wi.k12.ny.us/pdf/Parents-Bill-of-Rights.pdf	2014

Instructional Technology Plan - Annually - 2016

Survey Feedback

Page Last Modified: 08/11/2016

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.**

(No Response)

Instructional Technology Plan - Annually - 2016

Appendices

Page Last Modified: 08/11/2016

Appendices

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

(No Response)