

A. LEA Information

1. **What is the total student enrollment based on the most recent BEDS Day submission?**

7,289

2. **What is the student enrollment by grade band based on the latest BEDS Day submission?**

	Enrollment
Grades K-2	1,685
Grades 3-5	1,641
Grades 6-8	1,557
Grades 9-12	2,088

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

Ronald Velez

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

Director of Technology

4a. **If the response to question four was "Other", please provide the title.**

(No Response)

B. Instructional Technology Vision and Goals

1. Please provide the district mission statement.

The mission of the White Plains School District is to educate and inspire all students, while nurturing their dreams, so they learn continually, think critically, pursue their aspirations and contribute to a diverse and dynamic world.

- We believe that:
 - All people have intrinsic value.
 - Celebrating and embracing diversity enrich life.
 - All people can learn, grow and contribute.
 - Every choice matters, and that people are responsible for their choices.
 - Respect, honesty and trust empower.
 - When people serve the community, both the individuals and the community benefit.
- High expectations promote high achievement.

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

The White Plains School Community provides equitable and secure access to contemporary technology to enhance teaching and learning for all students and teachers. The utilization of technology is aligned with curriculum goals in ways that engage students in higher level thinking and inquiry-based learning to improve achievement for all learners.

Student Goal: Students will solve problems individually and collaboratively, taking responsibility for their own learning in a technology infused classroom.

Teacher Goal: Teachers will facilitate rigorous learning opportunities for all students in a technology infused classroom.

District Goal: Students and staff will advocate and practice safe, legal, and responsible use of information and technology (e.g. Digital Citizenship).

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 district has several groups that are involved in organizing and planning the instructional technology plan. The District Technology Committee meets monthly during the school year and holds 6 after school meetings and three full day meetings. Through the outcomes of these meetings the committee(s) gets feedback from stakeholders through district and building level technology and staff development committee participation, stakeholder surveys, other school site visits, vetted research, and outside consultants and the BOCES LHRIC Leadership and Model Schools technology programs. The outcomes from these meetings provide the basis of the instructional technology professional development offerings for a given school year.

In addition to the District Technology Committee, the District Staff Development Policy Board, made up of Teachers, Administrators, Parents, and representative from Higher Ed. meet throughout the school year to design, plan and review the district's professional development plans, activities and offerings, including but not limited to instructional technology training and outcomes.

The overall professional development model decided upon by both committees is the Learner Active Technology Infused Classrooms (LATIC), in order to improve teaching and learning and promote collaboration and digital citizenship aligned with ISTE and Common Core Standards and the district curriculum.

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 (Checked)
- Cabling (Checked)
- Connectivity (Checked)
- Network (Checked)
- Professional Development (Checked)
- Staffing (Checked)

4a. Please specify if "Other" was selected in question four.

(No Response)

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

1. Schools do not have an adequate number of WiFi access points. An entire enterprise level WiFi system for all of the schools is needed.
2. Connectivity in all school buildings in the form of cabling. Network cabling and its associated network switch gear needs to be replaced due to its age.
3. Consistent, job embedded targeted professional development for all teachers.

C. Technology and Infrastructure Inventory

1. **What is the available network broadband bandwidth? Please express speed in Mb (Megabits) or Gb (Gigabits). ***

	Minimum Capacity (Expressed in Mb or Gb)	Maximum Capacity (Expressed in Mb or Gb)
Network Bandwidth: Incoming connection TO district schools (WAN)	500MB	1GB
Internal Network Bandwidth: Connections BETWEEN school buildings (LAN)	2GB	10GB
Bandwidth: Connections WITHIN school buildings (LAN)	100MB	1GB

2. **What is the total contracted Internet access bandwidth for your district? Please express speed in Mb (Megabits) or Gb (Gigabits).**

500MB

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

Lower Hudson Regional Information Center (LHRIC)

4. **Which wireless protocols are available in the district? Of these, which are currently in use? Check all that apply.**

	Available/In Use
802.11a	(No Response)
802.11b	Available (Checked) In Use (Checked)
802.11g	Available (Checked) In Use (Checked)
802.11n	Available (Checked) In Use (Checked)
802.11ac	Available (Checked)
802.11ad	(No Response)
802.11af	(No Response)

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

Yes

5a. **What percentage of your district's instructional space has wireless coverage?**

25

6. **Does the district use a wireless controller?**

Yes

7. **What is the port speed of the switches that are less than five years old in use in the district?**

100MB

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

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Instructional Technology & Infrastructure Inventory

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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)	3,738	3,738
Laptops/Virtual Machine (VM)	1,100	1,100
Chromebooks	15	15
Tablets less than nine (9) inches with access to an external keyboard	20	20
Tablets nine (9) inches or greater with access to an external keyboard	1,069	1,069
Tablets less than nine (9) inches without access to an external keyboard	0	0
Tablets nine (9) inches or greater without access to an external keyboard	0	0
Totals:	5,942.00	5,942.00

9. Of the total number of students with disabilities in your district, what percentage of these students are provided with assistive technology as documented on their Individualized Education Programs (IEPs)?

7

10. From your technology needs assessment, please describe any additional assistance or resources that, if provided, would enhance the district's ability to provide improved access to technologies, including assistive technologies, for students with disabilities.

Additional funding would be necessary for specialized staff development for teachers and IT staff to gain a better understanding of the various types of assistive technologies that is available and which of those technologies matches best with specific disabilities. Additional funding could be used to create an assistive technology evaluation center, where students could be brought into a center to try out various technologies and determine the best fit based on student's needs and abilities.

11. How many peripheral devices less than five years old are in use in the district?

	Number of devices in use that are less than five years old
Document Cameras	450
Flat Panel Displays	0
Interactive Projectors	0
Interactive Whiteboards	481
Multi-function Printers	20
Projectors	481
Scanners	75
Other Peripherals	0
Totals:	1,507.00

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

(No Response)

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

Yes

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

No

14a. On an average school day, approximately how many student devices access the district's network?

(No Response)

15. 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

D. Software and IT Support

1. What are the operating systems 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	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.

ObaWorld (University of Oregon). <https://www.obaworld.net/>

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

1) Castle Learning, 2) Scholastic Math & Reading, 3) Imagine Learning, 4) Razz Kids, 5) Interactive White Board Software.

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

1) Searchasaurus, 2) Britannica School Edition, 3) World Book, 4) Opposing Viewpoint &Context, 5) Proquest.

8. Does the district have a Parent Portal?

Yes

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

- Attendance (Checked)
- Homework (Checked)
- Student Schedules (Checked)
- Grade Reporting (Checked)
- Transcripts (Checked)
- Other (Checked)

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

Immunizations

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

- Learning Management System (Checked)
- Emergency Broadcast System (Checked)
- Website (Checked)
- Facebook (Checked)
- Twitter (Checked)
- Other (Checked)

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

Naviance College and Career Readiness Platform

10. Please list title and FTE count (as of survey submission date) of all staff whose primary responsibility is technical support.

Title	Number of Current FTEs
Director of MIS/CIO	1.00
Technical Specialist	5.00
Database Manager	1.00
Technician (BOCES)	3.00
Engineer (BOCES)	1.00
	11.00

E. Curriculum and Instruction

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

The district plans to use the model of Learner Active Technology Infused Classrooms (LATIC) in order to improve teaching and learning and promote collaboration and digital citizenship aligned with ISTE and Common Core Standards and the district curriculum. LATIC focuses on three primary goals; engagement with content, student responsibility for learning, and high academic rigor. The district will use 1:1 Mobile devices that provides 24/7 access to instructional resources such as online databases and curriculum specific software applications, and cloud based software that promotes collaboration and creativity.

Teachers and students will have greater access to resources that promote personalized learning as well as peer to peer collaboration. This increased access will allow teachers to create differentiated learning pathways that allow all students to achieve success.

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 specify.

The district uses technology as an equalizer to ensure access to the core curriculum and to differentiate instruction for all students with disabilities. Specifically, inclusion of students with disabilities will be accommodated with input from the district assistive technology evaluator as part of the Committee for Special Education (CSE) process.

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.

As part of this plan, inclusion of students with disabilities will be accommodated with input from the district assistive technology evaluator. This staff member participates in all CSE meetings where Assistive technology hardware and software is recommended. This person also works with the Office of Technology to purchase and implement recommended assistive technology and provide professional development and training to the staff, students, and parent/guardians.

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.**

The districts Staff Development Policy Committee works under the direction of the Assistant Superintendent for curriculum and instruction to design and develop a comprehensive professional development plan to support the districts vision and mission.

The district plans to provide a 60 hour summer institute for approximately 30 teachers representing all nine schools starting August, 2015. The focus will be designing and implementing learner active, technology infused classrooms. The primary goals of this instructional model are using a 1:1 mobile device model to promote engagement with content, student responsibility for learning, and high academic rigor. Teachers will be provided with extensive technical training to learn to use the mobile devices and evaluate software to enhance student learning. Teachers will also learn to design specific activities to promote collaboration and digital citizenship and provide students with differentiated learning opportunities. These activities include but are not limited to: benchmark lessons, small group mini lessons, how to sheets, peer tutoring, how to podcasts. The cohort of teacher leaders will receive follow up in classroom coaching throughout the school year so that they are prepared to become turnkey trainers for their colleagues. These teacher leaders will also open their classrooms for inter-visitations and serve as model classrooms.

This instructional model is aligned with the existing technology professional development offered to all teachers throughout the district. Through the district’s building level and district wide technology committees, specific technology related professional development opportunities are offered through our own Teacher Center or via out of district training opportunities through BOCES Model Schools, NYSCATE or ISTE.

The instructional staff is given the opportunity to receive ongoing training on the use of applications that support student learning and promote collaboration and digital citizenship. Outcomes of each session include unit and lesson development that are aligned with the ISTE and Common Core standards as well as district curriculum. Training sessions are offered during Staff Development Days as well as afterschool, Saturdays, and summers for in service credit or training stipends. Topics in support of the technology vision include:

- Apple iPads for Instruction
- Digital Assessments
- Interactive white board technologies
- Cloud based collaboration software (Office 365 and Obaworld)
- Online Digital Resources (e.g., online databases, teacher class web pages)

2. **Please list title and FTE count (as of survey submission date) of all staff whose primary responsibility is technology integration training and support for teachers.**

Title	Number of Current FTEs
Coor. Instructional Tech	1.00
Teacher on Assignment	1.00
Tech Specialist (BOCES)	0.50
Database Support (BOCES)	0.50
	3.00

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Technology Investment Plan

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G. Technology Investment Plan

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

	Anticipated Item or Service	Estimated Cost	Is Cost One-time or Annual	Potential Funding Source (May list more than one source per item.)
1	Tablets	750,000	Annual	District
2	Broadband	60,000	Annual	District
3	Wi-Fi	1,000,000	One Time	District & SmartSchools
4	Network Cabling	4,200,000	One Time	District & SmartSchools
5	Professional Development	60,000	Annual	District
Totals:		6,070,000.00		

2. If "Other" was selected in question one, please specify.

(No Response)

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.**

Computer-based Testing (Checked)
Developments in Technology (Checked)
Changes in Legislation (Checked)

- 1a. **Please specify if response to question one was other.**

(No Response)

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

Student and teacher access to technology will be increased in school through the implementation of a 1:1 Mobile Device program in grades K through 12. The district will use the LATIC model to systematically evaluate and expand access to devices beyond the school day. Increased WiFi access is available within the community at the public library and some City Housing Authority locations. Additionally, some of the major community based locations such as Centro Hispano and The White Plains Youth Bureau provide internet access to students, families, and the broader community.

3. **Please check all locations where Wi-Fi service is available to students within the school district geographical boundaries.**

School (Checked)
Community (Checked)

- 3a. **Please identify categories of available Wi-Fi locations within the community.**

- Government entities: The White Plains Public Library, White Plains Housing Authority
- Non-Profits: Centro Hispano
- Local Businesses: coffee shops, restaurants, hotels, book stores, malls

I. Instructional Technology Plan Implementation

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

- March 2015 to December 2016 – Network cabling, switching equipment and WiFi access points installed through the district’s nine schools. Funding is being requested through this SmartSchools application process for portion of this project.
- August 2015 – Pilot group of 32 teachers to be trained in the LATIC model. Each LATIC teacher to receive an individual district iPad.
- October 2015 – Each LATIC teacher will have received a iPad cart of 30 iPads, with Wifi access points, keyboards, headphones and covers. Total of 960 iPads. LATIC teachers will share their experiences and demonstrate new techniques with their school colleagues in order for the district to expand upon the program annually.
- September 2015 to June 2016 – Pilot group of 25 middle school students will be given a district iPad as a pilot one-to-one program.
- October 2015 - High School students and staff will be allowed to utilize the school WiFi network under a BYOD program.
- September 2015 - Five elementary special ed (self-contained) classrooms will each be outfitted with a iPad cart of 10. Total 50 iPads.
- September 2015 to June 2016 – expansion and training of the Obaworld Learning Management System.
- Feb 2016 – April 2016 – additional teachers at the middle school to receive district iPad based on the LATIC model.
- Feb 2016 – June 2016 – planning for one-to-one iPad program. Schools and grades levels to be decided.
- September 2016 – November 2016– one-to-one iPad rollout (based upon schools and grade levels decided)
- Dec 2016 to June 2017 - continue planning and evaluate the expansion of the one-to-one iPad program.
- August 2017 – third cohort of LATIC teacher training
- September 2017 to November 2017 - one-to-one iPad rollout (based upon schools and grade levels decided)
- Dec 2017 to June 2018 - continue planning and evaluate the expansion of the one-to-one iPad program.
- August 2017 – fourth cohort of LATIC teacher training
- September 2018 to November 2018 - one-to-one iPad rollout (based upon schools and grade levels decided).

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Monitoring and Evaluation

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J. Monitoring and Evaluation

- Please describe the proposed strategies that the district will use to evaluate, at least twice a year, the effectiveness of the implementation of the district's instructional technology plan to improve teaching and learning.**

The district uses the Brightbytes Clarity tool for benchmark and improvement data to measure the impact of technology on teaching and learning. Stakeholders, students, teachers, administrators and parents are surveyed twice a year annually (December and June). The technology committee, building level administrators, the technology staff all uses the data to develop improvement plans and measure the impact of the technology plan.

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

	Date of Public Forum (If applicable)	URL	Year Policy Adopted
Acceptable Use Policy -- AUP	(No Response)	http://www.whiteplainspublicschools.org/site/Default.aspx?PageID=154	2001
Internet Safety/Cyberbullying	06/09/2014	http://www.whiteplainspublicschools.org/Page/145	2014
Parents' Bill of Rights for Data Privacy and Security	(No Response)	http://www.whiteplainspublicschools.org/Page/17270	2014

- Does the district have written procedures in place regarding cybersecurity?**

No

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

1a. If response was "No", please explain.

(No Response)

2. Was the guidance document helpful?

Yes

2a. If "No", please explain.

(No Response)

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)

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Appendices

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Appendices

1. Upload additional documentation to support your submission

(No Response)