

A. LEA Information

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

1,112

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

	Enrollment
Grades K-2	234
Grades 3-5	234
Grades 6-8	260
Grades 9-12	326

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

Trista VanDuzer

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 Pulaski Academy & Central School District Mission is to "Prepare all students for a constantly changing future by providing the highest quality education in partnership with their parents, staff, and community."

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

The Pulaski Academy & Central School District instructional technology plan is to implement in conjunction with our district mission and goals an increase in professional development for our teachers to more effectively integrate technology into their curriculum, thereby increasing student technology literacy. Part of how we intend to do this is by keeping our network components and software updated, and replaced within a timely lifespan, as well as increase our wireless infrastructure to allow for more robust wireless service for our existing wireless devices and devices that teachers and students may bring in.

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.

Date	Purpose	Participants	Outcome
September 2015 - June 2015, 5 District Technology Committee Meetings	Gather input on district technology needs	Teachers, School Librarian, Administrators, Public Librarian	Provided district with prioritized technology integration needs
September 2015 - June 2015 District Administrative Council Meetings	Gather input on district finances with relation to technology implementations, as well as gather input on district leadership technology needs.	Superintendent, Principals, Business Manager, Director of Technology, Director of Special Services	Provided district with prioritized technology integration needs in conjunction with district's development of a new professional development plan and available financial sources.
April 2015 Technology Integration and Professional Development Survey	Gather input on teachers technology implementation and training needs	Teachers	Provided district with teachers perceived integration needs and preferred training preferences.

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)
- Device Gap (Checked)
- Network (Checked)
- Professional Development (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.

The top three challenges that are causing a gap between the current level of technology and the district's stated vision and goals are financial resources to expand our wireless infrastructure and add devices, that then will need further longterm financial support to maintain. Conducting professional development is always a challenge to support at the level that we would like when balanced with keeping our teachers in their classrooms with their students.

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)	100 mbps	100 mbps
Internal Network Bandwidth: Connections BETWEEN school buildings (LAN)	10 Gbps	10 Gbps
Bandwidth: Connections WITHIN school buildings (LAN)	56 mbps	1 Gbps

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

100 mbps

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

Central New York Regional Information Center

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)
802.11g	Available (Checked)
802.11n	Available (Checked) In Use (Checked)
802.11ac	(No Response)
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?**

100

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?**

0

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

	Number of devices in use that are less than five years old	How many of these devices are connected to the LAN?
Desktop computers/Virtual Machine (VM)	484	484
Laptops/Virtual Machine (VM)	132	132
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	1	1
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	220	220
Totals:	837.0	837.0

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)?

38

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 assistance or resources that would enhance the district's ability to provide improved access to technologies would be longterm financial support to enhance the wireless access capacity, as well as specialized professional development, for teachers and IT staff in order to make full use of available assistive technologies.

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	42
Flat Panel Displays	484
Interactive Projectors	30
Interactive Whiteboards	2
Multi-function Printers	10
Projectors	0
Scanners	2
Other Peripherals	0
Totals:	570.0

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

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	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.

None used.

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

Smart Notebook
 Microsoft Office
 Read 180
 Photoshop
 STAR Reading

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

(No Response)

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."

Grade Reporting (Checked)

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

none

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

Emergency Broadcast System (Checked)
Website (Checked)

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

(No Response)

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 Technology	1.00
LAN Technician	1.00
Computer Specialist	0.60
	2.6

E. Curriculum and Instruction

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

In July of 2015, the Pulaski Academy & Central School District created the position of Executive Director of Academic and Instructional Excellence. The improvement of instruction will become the inherent focus of this position. To improve teaching and learning through technology, the director will ensure professional development opportunities for all staff as well as be proactive/reactive to student and staff needs as they arise. We will increase student access to technology by encouraging them to BYOD.

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's instructional technology plan addresses the needs of students with disabilities to ensure equitable access by handling each student situation on a case by case basis to do what is correct for the student. It may be a technology device for equitable access and to level the playing field, or it may be other scenarios.

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's instructional technology plan addresses the provision of assistive technology specifically for students with disabilities to ensure access to and participation in the general curriculum the same as equitable access to instruction, materials, and assessments by handling each situation on a case by case basis to do whatever is appropriate for the student's individual needs. If there is a need for an appropriate assistive technology that is not readily available by the district, we have the option of utilizing our relationship and subscribed CoSer's with our local BOCES for assistance with procuring the device(s), and any required professional development to gain the greatest benefit for the student.

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.**

During the time period covered by this plan, Pulaski Academy will continue to provide professional development in the form of large group workshops for teachers on STAR, Schooltool, and Schoology. Our district librarian will offer online library research tools to individual grade levels and departments, and our special education teachers will participate in workshops provided by an outside agency on IEP Direct and IEP writing. Our district technology professional development specialist will continue to provide day to day individual training for teachers and staff on the use of a wide variety of software and web 2.0 tools available, along with providing guidance on effective integration of technology into their curriculum.

- 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
Math Teacher	1.00
Director of Technology	1.00
	2.0

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	Professional Development	80,000	Annual	local funds
2	Desktops	91,000	Annual	local funds
3	Other	300,000	One Time	e-rate; local funds; capital project
4	Wi-Fi	50,000	One Time	Smart Schools
5	Servers	80,000	One Time	local funds; capital project
Totals:		601000.0		

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

Other - network infrastructure (racks, switches, cabling, network operations center re-design)

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 Funding (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.**

The district plans to increase student and teacher access to technology in school by increasing the throughput of our wireless infrastructure to enable devices to personally be brought into school to enhance the educational experience. Our current class sets of laptop carts will also need to be replaced as they age to 5 years old and older, and continuing to build on our available laptop carts will enable teachers to have even greater access to computers for their curriculum and classrooms for digitally infused lessons. The district is also working with the public library to have computers with internet access available to students outside of the regular school day. Teachers already have 24/7 access to the computers in the school for any lesson planning and research needed.

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.**

Public library, local businesses.

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.**

School Year	Milestones	Action Plan
June 2016	<ul style="list-style-type: none">• 5 year old computers replaced• SchoolTool implementation completed• Server room re-design completed	<ul style="list-style-type: none">• Professional development on SchoolTool provided for all faculty and staff at the end of the school year in preparation for the July 1 cutover.• Professional development for elementary teachers on STAR assessments, available data, and use of the data to identify areas for increased / modified instruction• Communication to staff on the increased stability of our network resources at the completion of the capital project improvements to the server room for power, backup power, access controls, cooling, and fire suppression• Professional development on current version of Smart Notebook for teachers to continue to enhance their curriculum with integrated technology to further engage their students
June 2017	<ul style="list-style-type: none">• Mobile App deployed• 5 year old computers replaced• Wireless throughput increased	<ul style="list-style-type: none">• Professional development on SchoolTool provided for all faculty and staff at the beginning of the school year

- Training provided to students on resources in SchoolTool and district Mobile App for their use
- Communication to Parents on access to SchoolTool, and use of district Mobile App
- District website redesign will provide teachers, students, parents, and community members with more streamlined, easily accessible information
- Professional development for teachers on incorporating "BYOD" into their curriculum for students and their personal devices
- Professional development for teachers on incorporating their curriculum into Schoology to increase blended learning, digital resources, and access for their students
- Professional development on current version of Smart Notebook for teachers to continue to enhance their curriculum with integrated technology to further engage their students

- Phase one of district switch replacement completed
- District website redesigned
- Schoology deployed district-wide

June 2018

- 5 year old computers

- replaced
- Phase two of district switch replacement completed
- Blade Server replacement completed
- Professional development for teachers on incorporating their curriculum into Schoology to increase blended learning, digital resources, and access for their students
- Professional development on current version of Smart Notebook for teachers to continue to enhance their curriculum with integrated technology to further engage their students

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 strategies that the district will utilize to evaluate the effectiveness of the implementation of the technology plan to improve teaching and learning will be individual teacher feedback on an ongoing basis throughout the year, bi-monthly District Technology Committee meetings, as well as the bi-monthly District Advisory Council meetings.

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

	Date of Public Forum (If applicable)	URL	Year Policy Adopted
Acceptable Use Policy -- AUP	07/13/2005	http://www.pacs.cnyric.org/services.cfm?subpage=18120	2005
Internet Safety/Cyberbullying	07/13/2005	http://www.pacs.cnyric.org/services.cfm?subpage=18120	2011
Parents' Bill of Rights for Data Privacy and Security	(No Response)	http://www.pacs.cnyric.org/files/filesystem/ANNUAL%20NOTIFICATIONS%20for%20Pulaski%20Academy2.pdf	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)

Appendices

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

(No Response)