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	1,289	36	264	279	289	406	15

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

James Heffron

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

Director of Technology

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B. Instructional Technology Vision and Goals

1.   **Please provide the district mission statement.**

Academics at its best, **P**ursuit of excellence, **W**here students come first.

APW CSD utilizes technology to support our beliefs about teaching and learning. Technology is provided so all stakeholders are able to engage in this endeavor.

The use of technology allows all stakeholders to work together, improving student achievement, and preparing students for College and Careers.

Our objective is to create a supportive connection for all stakeholders involved in our schools where technology resources support all children regardless of needs, race, creed, wealth, or location.

The APW CSD will use technology to support and improve student achievement.

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

APW CSD serves a rural community on a two building campus. Many areas within the community lack digital connectivity prohibiting access to electronic resources and information.   The purpose of our technology plan is to support instruction and learning. These goals are instructional in nature having to do with curriculum, instruction, and staff development. Knowing that technology and instruction is in constant flux, we have developed a fluid plan to be able to respond to market place, curriculum, instructional best practices, education law, regulation and policy, and the ability of our educational community to provide the financial support for implementation.

2015-2018 Goals:

• Educate the APW students on safe and effective use of computer technology.

• Provide ongoing professional development for all staff to ensure students and educators meet ISTE technology standards and increased technology literacy, integrated with the common core through meaningful learning opportunities.

• Demonstrate technology literacy and authentic projects that are integrated in content standards.

• Identify and assess the usefulness of technology tools for instruction, learning, and job productivity.

• Identify appropriate technology solutions to increase learning and enrichment.

• Encourage appropriate use of social networking for enhancing the instructional environment.

• Support that includes general customer service with understanding, respect, and attention to the needs for technology to provide a quality educational and work environment.

• Support long-term commitment and planning for funding computer technology programs, hardware, and professional development.

• Continue to upgrade the network infrastructure, wireless networks, inventory and replacement of hardware through a five year replacement plan

• Maintain consistent reliable access to technology for students, teachers, and staff.

• Continue to develop and implement a better and more direct system to measure, review, and evaluate our technology plan. Our current state of technology has a shortage of mobile devices for instructional use. We have found that the Netbooks that we own are not useful within our learning environment because they are not robust enough to do what teachers and students need. These need to be replaced with more laptops to maintain and develop an effective and productive learning environment. By utilizing a five year replacement plan, memory and hard drives will need to be purchased in or around a 3 year interval to update the hardware to work with new innovations in education and productivity.Administration will work to develop an overall annual technology budget that is dictated by the technology needs that support improved student achievement.

We will utilize multiple measures to evaluate the success of the plan and how it impacts student learning and achievement. These measures may include: number of computers and labs, and student to computer ratios, as well as availability during peak times; number of peripherals; potential and actual bandwidth use over time; number of pure and instructional technology staff; repair history; web-filtering statistics; number of, and attendance at, instructional technology professional development; senior exit interviews; yearly surveys; and ongoing review and adjustment of evaluation processes.

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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.**

Our team utilized the CNYRIC Model Schools technology staff and local BOCES Curriculum and Instruction Committee staff to assist in reviewing, discussing and working through the plan components. We divided the plan into sections that applied to network specifications, data and student information, special programs/special education, professional development, instructional technical integration, inventory, and infrastructure to draft the plan components. Then we utilized those persons in charge of each section, which included: the LAN WAN System Administrator, Junior High School Principal, Director of Special Education, LAN technician, Audio Visual Aide personnel, Assistant Superintendent for Curriculum and Instruction, one elementary teacher, one JSHS teacher, one special education teacher, one special area teacher and our Library Media Specialists to form a committee to review and revise the plan components to meet our instructional technology plan implementation and measures to monitor and evaluate the plan on an annual basis.

As of July 2016, due to staffing changes within APW CSD, the membership of the committee will consist of the Director of Instructional Technology, Evaluation & Discipline, the LAN WAN System Administrator, Director of Special Education, LAN Technician, Audio Visual Aide personnel, Assistant Superintendent, one elementary teacher, one JSHS teacher, one special education teacher, and the Library Media Specialist.

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.**

1. Financial Constraints - The APW CSD is a rural district that is deeply dependent upon state aid. Local revenue represents a small percentage of our budget, making it difficult to support technology without outside revenue. SSBA funds (if approved) will help with hardware and infrastructure, but not software or training.
2. Time for Professional Development - Training needed in effective use of technology to support and enhance instruction. Contractual and financial limitations impede this.
3. Staffing - Insufficient instructionally-focused IT staffing to provide PD on integration and research/recommend best applications/software.

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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?**

   Central New York Regional Information Center

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 Gpbs or Mpbs
Minimum Capacity	☐ Greater than 10 Gbps ☐ 10 Gbps ☐ 1 Gbps - < 10Gbps ☑ 100 Mbps- < 1 Gbps ☐ 50 Mbps - < 100 Mbps ☐ 10 Mbps - < 50 Mbps ☐ Less than 10 Mbps
Maximum Capacity	☐ Greater than 10 Gbps ☐ 10 Gbps ☐ 1 Gbps - < 10Gbps ☑ 100 Mbps- < 1 Gbps ☐ 50 Mbps - < 100 Mbps ☐ 10 Mbps - < 50 Mbps ☐ 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	☐ Greater than 10 Gbps ☐ 10 Gbps ☐ 1 Gbps - < 10Gbps ☑ 100 Mbps- < 1 Gbps ☐ 50 Mbps - < 100 Mbps ☐ 10 Mbps - < 50 Mbps ☐ Less than 10 Mbps
Maximum Circuit Speed Within a School Building	☐ Greater than 10 Gbps ☐ 10 Gbps ☐ 1 Gbps - < 10Gbps ☑ 100 Mbps- < 1 Gbps ☐ 50 Mbps - < 100 Mbps ☐ 10 Mbps - < 50 Mbps ☐ 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	1	☐ Mbps ☑ Gbps
Maximum Capacity of Switches	1	☐ Mbps ☑ 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?**

100

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)	161	161
Laptops/Virtual Machine (VM)	261	261
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	51	51
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	152	152
Totals:	**625**	**625**

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)?**

37

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.**

APW would utilize additional funding for Professional Development of all general education and special education teachers in addition to our IT staff for the full use of assistive technologies. We would also use the additional funding to complete a comprehensive assistive technology needs assessment on an individual basis, for all students identified as disabled. The comprehensive assistive technology assessment would be the first of its kind within our district and would be a direct correlation with improving student achievement with our QIP that was approved by NYSED in May, 2015.

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

	Number of devices in use
Document Cameras	16
Flat Panel Displays	229
Interactive Projectors	0
Interactive Whiteboards	43
Multi-function Printers	10
Projectors	68
Scanners	7
Other Peripherals	52
Totals:	**425**

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

13 cameras; 6 web cams; 4 Smart Board Slates; 4 Student Response System sets; 23 digital readers; 2 flat panel interactive displays

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

Yes

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

No

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

Not Applicable

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

☐ Insufficient number of devices meeting testing requirements
☐ Lack of reliable Internet service
☐ Insufficient broadband access
☐ Inadequate staffing levels
☐ Insufficient testing spaces
☑ District does not foresee any barriers
☐ Other

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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	No
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	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.**

Schoology.com, Naviance, GradPoint, CDOS/SAC Management Program, Castle Learning, STAR Reading, STAR Math

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

Learning.com, Microsoft Office, Education City, BrainPop/BrainPop Jr, Gradpoint

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

SIRS Researcher

CERF (Curriculum and Education Resource Finder)

Health Reference Center

Encyclopedia Americana

Marshall Cavendish e-books

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).**

Discipline

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
LAN WAN System Administrator	1.00
LAN Technician	2.00
	3.00

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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?**

Digital connectivity and technology will be used to support teaching and learning. We will infuse classrooms with digital learning tools including, but not limited to: computers, tablets, laptops, Smart Boards/interactive touch screens, document cameras and hand held/mobile devices. This will provide access to educational resources, increase engagement, and develop 21st-century skills, while promoting success for college and careers. Students and teachers will utilize technology for online, distance, blended, and project-based learning. This will increase motivation and student engagement, regardless of background, disability, or language. The use of amplified classroom systems and assistive technology for learning/physical disabilities will allow students to participate in general education classrooms, exploring, expanding, and learning in ways not previously available, thus promoting a more positive classroom learning environment. Students learn best when engaged in meaningful learning activities, given the opportunity to learn from each other and share ideas. This promotes engagement with teachers and learning through connected teaching; linking teachers to their students with professional content, resources, data, web-based learning systems and software to help improve instruction and personalize learning. It allows students to be involved in sustained, collaborative investigations, organized around complex, rigorous questions, promoting their involvement through inquiry and active problem solving. Tackling real world problems allows them to demonstrate their learning of key standards through tangible applications. Digital connectivity and technology allows our district the means to provide effective, efficient, and responsible use of resources in tight budget times while focusing on improving student outcomes and maintaining or reducing costs.

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.**

General education students and students with disabilities are served within the school district within all educational environments. Our buildings are equipped with Smartboards/interactive touchscreens, projectors, Notebook software, student response systems, laptops and laptop carts, iPads and carts, iPods, digital readers, document readers, wired and wireless access, databases, web based applications, and multi-user labs for use by all classes and students for a universal design for learning. We will be purchasing amplified classroom systems to support learning in all classrooms (pending SSBA funding approval). Additional assistive technology is provided as per each individual identified student's needs (as indicated on their IEP). We have rooms identified where students can go to use additional computers for test modifications (mini-lab reserved for this purpose). We also utilize additional programs and peripherals to meet identified student's needs, to include but is not limited to: Read Write Gold software, Alphasmart devices, iPads, and Microsoft Word word processing.

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.**

Our instructional plan in addition to the district's goals and vision, allows for providing assistive technology to students with disabilities to ensure access to and participation in the general curriculum. As a district, we are responsible for assistive technology needs of all students with disabilities served in our public school district. If it is necessary for a child's individual needs, they receive it. Any student with disabilities that is placed in a program outside of our school district (State-approved private or State-operated/supported schools) have access to assistive technology as indicated on their IEP. In the event a program placement does not provide the assistive technology, the district is legally responsible to provide the equipment as per the child's IEP. All BOCES placements are legally responsible for providing assistive technology services to students as part of their instructional program. We work collaboratively with CiTi and CNYRIC to plan and implement procedures to provide assistive technology in our district.

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

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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).

Our instructional plan in addition to the district's goals and vision, allows for providing assistive technology to ELL students to ensure access to and participation in the general curriculum. Greater access to technology and computer-assisted learning will help to engage any English Language Learners (ELLs) population we may obtain in future enrollments. It will help to motivate ELLs, allow them to further develop writing, editing, and revision skills, and provide for collaborative opportunities with same language speaking communities to gain more resources, keeping them more invested in school learning. We firmly believe the acquisition and implementation of proposed purchases through the SSBA, coupled by best practices and increased access and utilization, will increase teacher and student motivation, engagement, and overall increased academic success regardless of background, disability, or language.

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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.**

Topics	Audience	Method of Delivery	PD Standards
SchoolTool	All staff	• Small group training • 1:1 support and follow up	7a, 7c, 9b
Blended Learning	Targeted staff	• See above	2e, 5a, 5b, 6a, 9a
Smartboard training	All staff	• See above	5b, 9a
Schoology training	All staff	• See above	7a, 9a, 9f
Web Page training	All staff	• See above	7a, 9a, 9f
MakeyMakey training	All STEM staff	• See above	9b, 9c,9e
iPad/Apps integration	All staff	• See above	9a, 9b
Gradpoint training	All secondary staff	• See above	9a, 9c, 9d,
Education city	All elementary staff	• See above	7a, 9f,10d
BrainPop/Jr	All elementary/JH staff	• See above	5b, 9c, 9e
EduCannon training	Targeted staff	• See above	4b, 9e
Castle Learning	All staff	• See above	5a, 9c
Screencasting	All staff	• See above	9a, 9f
Web Resources	All staff	• See above	2a, 9d
Multi-media and Publishing Tools	All staff	• See above	2d, 5b
Data Collection Tools	All staff	• See above	8a, 8b, 9d
Blogging	All staff	• See above	4a, 9a, 9f
Smart Response Systems	All staff	• See above	8a, 9d
Video Conferencing	All staff	• See above	4b, 7a, 9c, 9f
Internet Safety	All staff	• Small group	6a, 9g
OT.com	All Occupational Therapists	• See above	5b, 7a, 9a, 9c, 9d, 9e, 9f,10d
PT.com	All Physical Therapists	• See above	5b, 7a, 9a, 9c, 9d, 9e, 9f,10d

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
Computer Ed. Specialist	0.60
Dir. of IT, Eval & Discip	0.20
	0.80

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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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	Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual or Both?	Funding Sources May choose more than one source
1	Other	118,550	One Time	☐ BOCES Co-Ser Purchase ☐ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants ☐ Instructional Material Aid ☐ Instructional Resources Aid ☑ Smart Schools Bond Act ☐ Other
2.	Wi-Fi	225,000	One Time	☐ BOCES Co-Ser Purchase ☐ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants ☐ Instructional Material Aid ☐ Instructional Resources Aid ☑ Smart Schools Bond Act ☐ Other
3.	Laptops	120,000	Annual	☐ BOCES Co-Ser Purchase ☐ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants ☐ Instructional Material Aid ☐ Instructional Resources Aid ☑ Smart Schools Bond Act ☐ Other
4.	Tablets	60,000	Annual	☐ BOCES Co-Ser Purchase ☐ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants ☐ Instructional Material Aid ☐ Instructional Resources Aid ☑ Smart Schools Bond Act ☐ Other
5.	Other	10,000	One Time	☐ BOCES Co-Ser Purchase ☐ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants ☐ Instructional Material Aid ☐ Instructional Resources Aid ☑ Smart Schools Bond Act ☐ Other
Totals:	0	533,550	0	0

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

Other - Amplified Classroom Systems for 100 classrooms - $118,550
Other - TAPit touch accessible platform device (2) - $10,000

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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.**

   The district plans to increase student and teacher access to technology in school through increased bandwidth, hardware and software replacements and updates (i.e. additional laptops and laptop carts), monitor student progress and update assistive technology needs through CSE annual review, and continue professional development to promote multi-learning modalities and platforms. There will be suffcient technology available to provide a 1:1 access environment for our students. We also plan to increase access at home through increased use of LMS, parent portals, web-based programs, providing assistive technology as indicated in individual IEPs, and provide adult education technology workshops.
   For students who do not have compatible, sufficient technology resources at home, we will provide locations/ ways for students to access technological resources outside of the classroom.
   Our plan to increase access in the community is to provide more open access to our school buildings and to invite community members to our adult education technology workshops.We also have a guest wireless network so guests presenters and staff can bring their own devices.

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 businesses/Restaurants: Grist Mill Restaurant, Maple View Restaurant, Subway/Mobil Gas Station/Dunkin Donuts, McDonalds, Ponderosa
   Public Libraries: Parish Public Library, Williamstown Public Library, Camden Public Library, Central Square Public Library, Mexico Public Library, and Pulaski Public Library

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I. Instructional Technology Plan Implementation

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

Instructional Technology implementation is already being done throughout the District. The action plan is to continue to integrate technology into curriculum and instruction to improve student learning.

Milestone	Timeline	Status
Continue Professional Development (See F1)	2015-2019	Ongoing
Annual update / purchase of Broadband	2015, 2016, 2017, 2018, 2019 (Annually)	Ongoing
Replacement of Laptops	2017, 2018, 2019 (to maintain a 4 year replacement plan)	Ongoing
Increase the number of laptops and laptop carts	2015 - 2018 (30 laptops and 1 cart per year for 3 years to merge into the 4 year replacement plan)	Ongoing
Update CAD Lab computers	2016 - 2017 school year	Anticipated
Purchase 3D printer for CAD Lab	2015 - 2016 school year	Completed
Mini CNC/Cutting Tools & Accessories	2016 - 2017 school year	Anticipated
Purchase of CAD software	2016 - 2017 school year	Anticipated
Replacement of Interactive White Boards	2015 – 2019 (average of 10 a year as needed) – (ongoing)	Ongoing
Increase staffing of integrated technology educators	2015 - 2016 FTE .4 increase 2019 FTE .4 increase	Initial increase completed
Printer replacements	2015 – 2019 (average of 17 a year as needed) - (ongoing)	Ongoing
Update Infrastructure – prioritized needs	2019 (to maintain a 4 year replacement)	Anticipated
Update Copier Contracts	2018 – 2019 School year	Anticipated

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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.**

Milestone	Timeline	Evaluation
Continue Professional Development (See F1)	2015-2019 (ongoing)	January and June of each year review the number of offerings, participants and survey for use in classrooms
Annual update / purchase of Broadband	2015, 2016, 2017, 2018, 2019 (Annually)	July 1st - complete purchasing and February plan for next year purchases
Replacement of Laptops	2018, 2019 (to maintain a 4 year replacement plan)	July 1st - complete purchasing of replacements and February plan for next year replacement
Increase the number of laptops and laptop carts	2015 2017 (30 laptops and 1 cart per year for 3 years to merge into the 4 year replacement plan)	July 1st - complete purchasing and February plan for next year purchases
Update CAD Lab computers	2016 2017 school year	July 1st - complete purchasing of replacements and February plan for next year replacement
Purchase 3D printer for CAD Lab	2015 2016 school year	Completed
Purchase Mini CNC/Cutting Tools and Accessories	2016-2017	November 1st – complete purchasing of equipment and February evaluate and plan for additional purchase for next year
Purchase of CAD software (if needed)	2016- 2017 school year	July 1st - complete purchasing and February plan for next year purchases
Replacement of Interactive White Boards	2015 - 2019 (average of 10 a year as needed)	July 1st - complete purchasing of replacements and February plan for next year replacement
Increase staffing of integrated technology educators	2016 FTE .4 increase 2019 FTE .4 increase	Completed for 2016 Anticipated 2019 increase to be presented to budget committee in October 2018 pending continued need.
Printer replacements	2015 2019 (average of 17 a year as needed)	July 1st - complete purchasing of replacements and February plan for next year replacement
Update Infrastructure prioritized needs	2019 (to maintain a 4 year replacement)	Monitor infrastructure every July, November, and March to evaluate any potential or unexpected needs.
Update Copier Contracts	2018 2019 School year	No need to revisit until contract is due. February 2019 meet to update contract and September 2019 receive new copiers/contract.

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

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	URL	Year Policy Adopted
Acceptable Use Policy -- AUP	http://www.apwschools.org/tfiles/folder145/6162%20Internet%20Access%20%26%20Acceptable%20Use%20Students%2CFaculty%2CStaff%20FINAL%2011132014.pdf	2014
Internet Safety/Cyberbullying*	http://www.apwschools.org/tfiles/folder349/2016%2D17%20COC%20FINAL%2006032016.pdf	2016
Parents' Bill of Rights for Data Privacy and Security	http://www.apwschools.org/districtpage.cfm?pageid=224	2014

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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?**

    Yes

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

    I feel the survey was comprehensive and no further questions would be required.

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

    All questions seemed to be relevant to our technology plan and its implementation.

5. **Other comments.**

    (No Response)

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Appendices

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

(No Response)