

Instructional Technology Plan - Annually - 2017

LEA Information

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**A. LEA Information**

**1. 2015-2016 Student Enrollment**

	Total Enrollment	Pre-K Enrollment	K-2 Enrollment	3-5 Enrollment	6-8 Enrollment	9-12 Enrollment	Ungraded Enrollment
Student Enrollment	892	36	189	191	208	256	12

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

Darla Thomas

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

Director of Technology

**Instructional Technology Plan - Annually - 2017**Instructional Technology Vision and Goals

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**B. Instructional Technology Vision and Goals****1. Please provide the district mission statement.****Our district believes:**

In a safe, respectful trusting environment.

That all individuals can learn.

- In pursuing excellence
- In human dignity
- In responsibility
- In positive involvement
- In communicating effectively
- In building healthy relationships

**BOE Education Goals**

- **Promote** universally high academic standards and expectations while providing opportunities for growth and discovery.
- **Foster** an environment conducive to developing civic responsibility, leadership, pride, problem solving, and self-discipline.
- **Deliver** a comprehensive, consistent, high quality PreK-12 curriculum anchored to the State Standards.

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

## Vision:

- All students will have access to the technology needed to be prepared for college and careers in the 21st Century.
- All faculty will be competent in the use of technology in order to prepare students for the use of 21st Century technologies.

## Goals:

- We will review and evaluate our technology inventory for areas of strengths and weaknesses.
- We will conduct student and staff surveys, maintain current hardware and network infrastructure and expand as needed along with making sure we have adequate staffing to maintain resources.
- We will provide on-going staff development appropriate to the grade/discipline for all instructional staff, non-instructional staff and district leadership.
- We will provide opportunities for key personnel to stay abreast of best practices in the field of technology.
- District leadership will annually review and evaluate the use of technology usage by all staff.
- Teachers will integrate technology outcomes into their current curriculum.

**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 technology committee was involved with developing our instructional technology plan. Our technology committee includes teachers and teacher assistants from our elementary school, high school and middle school as well as our technology director, network technology specialist and school library media specialist.

We had monthly meetings throughout the school year where we discussed parts of the technology plan.

We conducted a Brightbytes survey with our students and staff members in the spring of 2016 to get their input on technology in Spencer-Van Etten School District.

Our director of instructional support also reviewed and assisted with our instructional technology plan and our superintendent reviewed the plan before submission.

By engaging these different stakeholder groups (students, parents, teachers, computer support staff and administration), the intended outcome in the creation of the technology plan was to provide for a holistic approach where targeted application supported each contingency area. In doing so, the technology supports both the infrastructure and materials necessary to not only meet current needs, but also provide resources necessary to support future initiatives and outcomes. This versatility represents the interests and needs articulated by all respective parties and creates an atmosphere of universal support for all endeavors, rather than a focus on one particular subgroup.

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Instructional Technology Vision and Goals

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**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. Device Gap
2. Professional Development
3. Enhanced Building Security

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Instructional Technology & Infrastructure Inventory

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**C. Technology and Infrastructure Inventory**

1. Please identify the capacity of the telecommunications line coming into the district network hub. The district's Regional Information Center can provide the district with this information if needed.

- Greater than 10 Gbps
- 10 Gbps
- 1 Gbps - < 10 Gbps
- 100 Mbps - < 1Gbps
- 50 Mbps - < 100 Mbps
- 10 Mbps - < 50 Mbps
- Less than 10 Mbps

2. What is the total contracted Internet bandwidth access for the district? Choose one.

- Greater than 10 Gbps
- 10 Gbps
- 1 Gbps - < 10 Gbps
- 100 Mbps - < 1 Gbps
- 50 Mbps - < 100 Mbps
- 10 Mbps - < 50 Mbps
- Less than 10 Mbps

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

GST BOCES

4. Please identify the capacity of the telecommunications line coming into the district's school building(s) from the district hub or district data center. The district's Regional Information Center can provide this information if needed

	Speed in Gpbs or Mpbs
Minimum Capacity	<ul style="list-style-type: none"> <li><input type="checkbox"/> Greater than 10 Gbps</li> <li><input type="checkbox"/> 10 Gbps</li> <li><input checked="" type="checkbox"/> 1 Gbps - &lt; 10Gbps</li> <li><input type="checkbox"/> 100 Mbps- &lt; 1 Gbps</li> <li><input type="checkbox"/> 50 Mbps - &lt; 100 Mbps</li> <li><input type="checkbox"/> 10 Mbps - &lt; 50 Mbps</li> <li><input type="checkbox"/> Less than 10 Mbps</li> </ul>
Maximum Capacity	<ul style="list-style-type: none"> <li><input type="checkbox"/> Greater than 10 Gbps</li> <li><input type="checkbox"/> 10 Gbps</li> <li><input checked="" type="checkbox"/> 1 Gbps - &lt; 10Gbps</li> <li><input type="checkbox"/> 100 Mbps- &lt; 1 Gbps</li> <li><input type="checkbox"/> 50 Mbps - &lt; 100 Mbps</li> <li><input type="checkbox"/> 10 Mbps - &lt; 50 Mbps</li> <li><input type="checkbox"/> Less than 10 Mbps</li> </ul>

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.

	Please provide the speed at which classrooms are connected to building wiring/network closet.
Minimum Circuit Speed Within a School Building	<ul style="list-style-type: none"> <li><input type="checkbox"/> Greater than 10 Gbps</li> </ul>

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Instructional Technology & Infrastructure Inventory

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	Please provide the speed at which classrooms are connected to building wiring/network closet.
	<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	10Mbps < 50Mbps	<input checked="" type="checkbox"/> Mbps <input type="checkbox"/> Gbps
Maximum Capacity of Switches	100Mbps < 1Gbps	<input checked="" type="checkbox"/> Mbps <input 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?

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?

	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)	621	621
Laptops/Virtual Machine (VM)	346	346
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	12	12

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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?
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	312	312
<b>Totals:</b>	<b>1,291</b>	<b>1,291</b>

**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)?**

100

**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.**

We would like to have funding available for specialized professional development for all of our special needs teachers and other district teachers that work with our students with disabilities as well as our district IT staff as they will be instrumental in setting up the technologies being used. Students would have access to personal devices such as iPads, laptops, e-readers and software applications to target individualized student needs. Specific training for parents on software applications to allow parents to extend their child's learning from the school environment to the home environment. An example would be a training on submission of electronic documents to teachers regarding guided practice or other homework assigned by the classroom teacher.

While the district has some availability of resources, not all students have up-to-date equipment. We only have a small loaning closet of laptops, etc. We would like to have money to replenish equipment and maintain updated devices.

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

	Number of devices in use
Document Cameras	66
Flat Panel Displays	15
Interactive Projectors	4
Interactive Whiteboards	86
Multi-function Printers	13
Projectors	30
Scanners	20
Other Peripherals	1
<b>Totals:</b>	<b>235</b>

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

Mobile distance learning cart with Cisco camera, 47" monitor, touchscreen, network connectors and remote controls.  
2 Mobile distance learning carts with 50" monitor, touchscreen, camera for connections with other schools and businesses.

**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)?**

Yes

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Instructional Technology & Infrastructure Inventory

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

250

**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

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Software and IT Support

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**D. Software and IT Support**

1. **What are the operating system(s) in use in the district?**

	Is this system in use?
Mac OS Version 9 or earlier	No
Mac OS 10 or later	Yes
Windows XP	No
Windows 7.0	Yes
Windows 8.0 or greater	Yes
Apple iOS 7 or greater	Yes
Chrome OS	No
Android	Yes
Other	No

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

(No Response)

3. **What are the web browsers, both available and supported, for use in the district?**

	Web Browsers available and supported for use
Internet Explorer 7	No
Internet Explorer 8	No
Internet Explorer 9 or greater	Yes
Mozilla Firefox	Yes
Google Chrome	Yes
Safari (Apple)	Yes
Other	No

4. **Please provide the name of the web browser if the response to question three included "Other."**

(No Response)

5. **Please provide the name of the Learning Management System (LMS) most commonly used in the district. A Learning Management System (LMS) is a software application for the administration, documentation, tracking, reporting, and delivery of online and blended learning courses.**

Toolbox Pro is used by some teachers and is a locally developed LMS created by GST BOCES.

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

Microsoft Office which includes Word, PowerPoint, jExcel and Publisher  
 Promethean ActivInspire  
 Lexia Learning  
 Castle Learning  
 Accelerated Reader



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Software and IT Support

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

World Book  
 Cengage Biography in Context  
 ProQuest  
 Noodle Tools  
 Gale Opposing Viewpoints

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  
 Assessment Scores  
 IEPs  
 Medical Records  
 Custody and Court Papers

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".

Homework Finder

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
Technology Director	1.00
Network Technology Specialist	1.00
	<b>2.00</b>

## Instructional Technology Plan - Annually - 2017

## Curriculum and Instruction

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

We offer hands on learning with Promethean Activboards allowing students to interact with their teachers and fellow classmates.

We will be offering distance learning opportunities for staff and students this school year as we participate in the GST BOCES Distance Learning CoSer. We have a newer distance learning cart at all three district schools as of September 2017.

We offer a BYOD option for all High School students so they can use their cell phones and be filtered on the school's Wi-Fi network. This allows them to post to wikis, blogs and doing online research which will help them gain the 21st Century skills they will need in college and the workforce.

We are using computers, laptops, tablets and BYOD options to keep students connected to the web so they will be able to collaborate with each other and participate in researching educational topics and teaching state standards.

We have purchased iPads for all 3rd, 4th and 5th grade students and teachers. We have also purchased iPads for RTI purposes at the middle school level with the addition of software that will engage students in learning common core curriculum. We have purchased iPads for our PreK classes and special education teachers along with software that will assist students in learning and assess their progress.

We have purchased two Promethean ActivTables for our PreK classrooms to using as learning stations with software that includes learning activities with an interactive touchscreen that allows several students to interact in learning activities.

**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.**

We believe that all students will be given the technology that will allow them to be instructed in district curriculum and have the opportunity to participate in district assessments.

**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.**

Students with disabilities have laptops and iPads that allow them to be mobile and take their technology tools with them into the classrooms with other students.

Students have access to touch screen Promethean Activboards with slate and wands and have touch screen computers in the district.

Special needs students have access to specific apps for the iPads and/or laptops/computers such as Dragon Naturally Speaking and text-to speech reading programs to assist them with reading printed material on the internet or other documents being used in their classes from their teachers.

Our district has monitors with magnification options for students with visual disabilities and special adaptive keyboards and mice for those students that need them.

**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).**

We have coordinated with our local BOCES and made a class available through Skype for the needs of English Language Learning students at our high school.

We plan to make resources available to all ELL students as they enter our school district.

**Instructional Technology Plan - Annually - 2017**

Professional Development

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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.**

We will be offering after school trainings on Promethean ActivInspire flipcharts, Office 365, OneNote, MS Teams, creation of instructional videos, text-to-speech tools, Twitter for teachers, MS Office 2016, Symbaloo, "Hour of Code", WebQuests, flipped classroom tools, etc.

We will be offering distance learning opportunities for professional development and connections to sessions with other classrooms and educational field trips for teachers and their classes with the help of our BOCES Distance Learning support. We have budgeted some money for virtual field trips and connections to virtual online learning sessions to broaden opportunities.

Other technology trainings will be offered on district conference days as needs arise. Our instructional support specialist will be pushing into classrooms to assist with technology projects and attending grade level meetings to see how he/she can best assist teachers with their instructional technology needs. We have hired a full-time teacher to assist the 1-1 classes with technology integration.

District technology trainings for teachers will be accomplished by using our GST BOCES instructional technology support specialist and by using district staff that are proficient in the software, skills/technologies to be taught. The instructional technology support specialist and technology teaching coach will be assisting teachers with iPad and laptop/tablet integration with their curriculum to integrate the devices to enhance their teaching of common core standards in all subjects while gaining needed technology skills.

Professional development will be targeted based on teacher or department needs. This will allow curriculum enhancements to occur in each content area. The delivery of instruction will be varied depending on the amount of teachers who need similar instruction. For example, our BOCES instructional support specialist will provide one on one assistance as necessary or small group training for department areas. For large groups training will be provided by presenters who are familiar with the product and/or software that is to be utilized. In these settings, participants will also have the opportunity to practice new skills in an open lab where additional direction and support is available to answer any additional questions. Follow up appointments can then be scheduled with the BOCES instructional technology support specialist or in-house technology teacher coach as participants embed learning into their classrooms.

- 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
Instructional Support	0.20
One to One Coach	1.00
	<b>1.20</b>

Instructional Technology Plan - Annually - 2017

Technology Investment Plan

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**G. Technology Investment Plan**

1. Please list the top five planned instructional technology investments in priority order over the next three years. Infrastructure is considered an instructional technology investment.

	Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual or Both?	Funding Sources May choose more than one source
1.	Interactive Displays/Projectors/Whiteboards	425,000	One Time	<input checked="" 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.	Other	500,000	One Time	<input checked="" 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.	Staffing	126,000	Annual	<input checked="" type="checkbox"/> BOCES Co-Ser Purchase <input checked="" type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Material Aid <input type="checkbox"/> Instructional Resources Aid <input type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
4.	Laptops	60,000	One Time	<input checked="" 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
5.	Tablets	60,000	One Time	<input checked="" 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

Instructional Technology Plan - Annually - 2017

Technology Investment Plan

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	Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual or Both?	Funding Sources May choose more than one source
				<input type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
<b>Totals:</b>		<b>1,171,000</b>		

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

Item #2 Includes updating our current IP security camera system, replacing old security cameras and adding cameras to areas currently not covered. We will be modifying security features for school entry and lockout capacity with updated software and door hardware upgrades. We will be upgrading to the Avigilon software monitoring system which will allow easier management features and the ability to share cameras with local law enforcement with our Rapid Responder system in the case of an emergency event in our district. The upgrades include the purchase of new servers to house the increase of camera video files and running network lines to connect new IP security cameras into the upgraded system as well as the purchase, installation and configuration of the new cameras, entry access hardware and software.

**Instructional Technology Plan - Annually - 2017**Status of Technology Initiatives and Community Involvement

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**H. Status of Technology Initiatives and Community Connectivity**

1. **Please check any developments, since your last instructional technology plan, that affect the current status of the technology initiatives.**

- Changes in District Enrollment
- Changes in Staffing
- Changes in Funding
- Technology Plan Implementation
- Computer-based Testing
- Catastrophic Event
- Developments in Technology
- Changes in Legislation
- Other
- None

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

We have opened up Office 365 accounts to all students in grades 4-12 along with all staff. This gives staff and students the ability to access Microsoft OneDrive to save documents at home and at school. Office 365 also allows staff/students to download 5 copies of Office 2016 on their personal devices giving them access to Word, PowerPoint, Excel, and Publisher.

We are adding more resources on our district website.

Staff and students have a mobile app called Parent Portal/Student Portal available to access SchoolTool for grades, assignments, and other information from their phones and/or tablets at home and in the community.

We also added SafeArrival which has a phone number, mobile app and internet link to allow parents to call in absences for their students.

We have VPN access for staff to use at home when accessing district resources.

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.**

Wi-Fi is available in the Spencer Public Library and they have computers available for patrons to use.

Wi-Fi is also available for use on personal devices in 2 local restaurants in Spencer and Van Etten and one community center in Spencer.

**Instructional Technology Plan - Annually - 2017**Instructional Technology Plan Implementation

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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.**

**School Year 2017-18**

1-1 Dell laptop/tablet devices purchased for all 9th grade students and teachers to pilot the program at the High School.

1-1 iPads purchased for 3rd and 5th grade classes. Implementation of 1-1 iPads for students in grades 3rd, 4th and 5th for the 2017-18 school year.

We are conducting a test with HP Streams with a 6th grade classroom to see if they are a viable option for students to use Office 365 tools, district software and internet research.

Increase GST BOCES Instructional Technology Specialist to .2 to have one day a week in district to assist with the new 1-1 technology and assist teachers with technology integration into their classrooms using Office 365 tools and online resources.

Add a teacher on special assignment to assist the teachers implementing iPads in their classrooms. This instructional support coach will demonstrate the use of the Apple Apps in the classrooms and assist teachers in having digital classrooms. Coach will assist with NWEA testing and other instructional support as needed by district teachers with a focus on the 1-1 classrooms. Coach will also assist with management of the Apple Apps in Casper and will assist teachers with testing apps for their classroom use to enhance learning in their technology integrated classrooms.

Continue to offer two new parent/community workshops on a technology topic.

Provide professional development for current instructional coaches to be proficient in a variety of software programs which support the curriculum.

District will review the security hardware and access future needs.

Schedules will include skill instruction based on the technology outcomes by grade level.

We will run a Clarity BrightBytes survey with students, staff and community members and review the results with our administrators and technology committee.

**School Year 2018-19**

We will purchase another set of 1-1 laptop/tablet devices for the new 9th graders and we will move up the now 10th graders devices with them. We will continue this process for the next 2 years until all high school classes have 1-1 devices to use.

We will purchase more iPads for elementary students as needed, possibly 1-1 for the 2nd grade classes.

We will purchase devices some of the middle school students based on what we have tested and found as a good technology tool for students in grades 6th, 7th and 8th. We will purchase devices as we have money available.

We will continue to support teachers instructional technology needs with our GST BOCES Instructional Technology Support Specialist and our district Instructional Technology Coach.

Create a cycle of professional development for parents/community.

Create a 5 year rotational hardware replacement plan.

Additional technician support needs to be available to support the device initiative. We plan to put on another full-time GST BOCES Network Technology Specialist to handle the increased number of laptops, computers and tablets in the district.

Create cycle of professional development matching district technology outcomes.

We will conduct a Clarity BrightBytes technology assessment survey and review the results with our administrative team and the district technology committee to get input on technology needs in the district.

Instructional Technology Plan - Annually - 2017

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, 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.**

We will seek input related to overall satisfaction of technology improvements which have occurred in the district by surveying respective stakeholders including students, parents, teachers. We will be using Clarity Britebytes as our survey mechanism. Data collected will be reviewed by both the district technology committee and administrative team annually.

We will be gathering information from our district technology committee team, as well as the district curriculum council on a monthly basis. Data collected will include subjective feedback gathered from teachers. Any dissatisfaction or lack of progress indicated will result in a action plan created by the technology committee to address the need identified. For example, if feedback received from a teacher includes their lack of confidence in utilizing a specific software program, the technology committee would allocate resources to provide additional supports to that teacher in the form of modeling or access to the BOCES technology instructional support specialist or a request to the computer helpdesk.

We will review our strategic plan with our Board of Education which includes identified district outcomes and goals.

At mid-year a report to the Board of Education will be provided in conjunction with planning for the school budget in case their are additional identified needs.

At the end of the school year the strategic plan will be reviewed to determine the level of success in meeting the proposed outcomes as indicated in our strategic plan.

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

	URL	Year Policy Adopted
Acceptable Use Policy -- AUP	<a href="http://policies.svecsd.org/Shared%20Documents/4000%20-%20Instructional%20Goals/4526-E.1-Student%20Acceptable%20Use%20Policy.pdf">http://policies.svecsd.org/Shared%20Documents/4000%20-%20Instructional%20Goals/4526-E.1-Student%20Acceptable%20Use%20Policy.pdf</a>	2009
Internet Safety/Cyberbullying*	<a href="http://policies.svecsd.org/Shared%20Documents/4000%20-%20Instructional%20Goals/4526-R-Computer%20Network%20Rules%20and%20Regulations.pdf">http://policies.svecsd.org/Shared%20Documents/4000%20-%20Instructional%20Goals/4526-R-Computer%20Network%20Rules%20and%20Regulations.pdf</a>	2015
Parents' Bill of Rights for Data Privacy and Security	<a href="http://policies.svecsd.org/Shared%20Documents/5000%20-%20Students/5510-Parents%20Bill%20of%20Rights%20Relating%20to%20Student%20Data.pdf">http://policies.svecsd.org/Shared%20Documents/5000%20-%20Students/5510-Parents%20Bill%20of%20Rights%20Relating%20to%20Student%20Data.pdf</a>	2014



Instructional Technology Plan - Annually - 2017

Survey Feedback

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**K. Survey Feedback**

Thank you for submitting your district's instructional technology plan (ITP) survey via the online collection tool. We appreciate the time and effort you have spent completing the ITP survey. Please answer the following questions to assist us in making ongoing improvements to the online survey tool.

**1. Was the survey clear and easy to use**

Yes

**2. Was the guidance document helpful?**

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.**

We would like to see the instructional technology plan last for 3 years instead of having to update it yearly.

Instructional Technology Plan - Annually - 2017

Appendices

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**Appendices**

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

(No Response)