

Instructional Technology Plan - Annually - 2017

LEA Information

Page Last Modified: 10/13/2017

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	882	36	188	191	208	258	12

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

Darr 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

Page Last Modified: 10/13/2017

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

Instructional Technology Plan - Annually - 2017

Instructional Technology & Infrastructure Inventory

Page Last Modified: 10/13/2017

	Please provide the speed at which classrooms are connected to building wiring/network closet.
Minimum Circuit Speed Within a School Building	<input type="checkbox"/> Greater than 10 Gbps <input type="checkbox"/> 10 Gbps <input checked="" type="checkbox"/> 1 Gbps - < 10Gbps <input type="checkbox"/> 100 Mbps - < 1 Gbps <input type="checkbox"/> 50 Mbps - < 100 Mbps <input type="checkbox"/> 10 Mbps - <:50 Mbps <input checked="" 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?

[Redacted]

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?

Instructional Technology Plan - Annually - 2017

Instructional Technology & Infrastructure Inventory

Page Last Modified: 10/13/2017

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

1 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

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

Instructional Technology Plan - Annually - 2017

Software and IT Support

Page Last Modified: 10/13/2017

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
	2.00

Instructional Technology Plan - Annually - 2017

Professional Development

Page Last Modified: 10/13/2017

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, Symbolson, "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 GET 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
	1.20

Instructional Technology Plan - Annually - 2017

Technology Investment Plan

Page Last Modified: 10/13/2017

	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"/> BOGES 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"/> BOGES 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	128,000	Annual	<input checked="" type="checkbox"/> BOGES 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	80,000	One Time	<input checked="" type="checkbox"/> BOGES 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	80,000	One Time	<input checked="" type="checkbox"/> BOGES Co-Ser Purchase <input checked="" type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Material Aid <input type="checkbox"/> Instructional Resources Aid <input type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
Totals:	0	1,171,000	0	0

Instructional Technology Plan - Annually - 2017

Status of Technology Initiatives and Community Involvement

Page Last Modified: 10/13/2017

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

Monitoring and Evaluation

Page Last Modified: 10/13/2017

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.

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 there 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.

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

	URL	Year Policy Adopted
Acceptable Use Policy -- AUP	http://policies.svecsd.org/Shared%20Documents/4000%20Series/4238-E.1-Student%20Acceptable%20Use%20Policy.pdf	2009
Internet Safety/Cyberbullying*	http://policies.svecsd.org/Shared%20Documents/Forms/Policy.aspx?RootFolder=%2FShared%20Documents%2F5000%20-%20Students&FolderCTID=0x01200019F8BB8E36AE264D91B78F0B700DE7B3&View={0046E9F8-1D14-4A91-8778-09F1D7BEC52D}	2015
Parents' Bill of Rights for Data Privacy and Security	http://policies.svecsd.org/Shared%20Documents/5000%20Series/5510-Parents%20Bill%20of%20Rights%20Relating%20to%20Students%20Data.pdf	2014

Instructional Technology Plan - Annually - 2017

Appendices

Page Last Modified: 10/13/2017

Appendices

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

(No Response)