

A. LEA Information

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

328

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

	Enrollment
Grades K-2	69
Grades 3-5	61
Grades 6-8	73
Grades 9-12	125

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

Ruth H. Ehrets

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

Assistant Superintendent

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.

Our Mission is to build a partnership of students, families, staff, and community members in order to create an educational community dedicated to excellence.

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

Executive Summary: This plan is comprehensive to include all students and strives to prepare them for college and career readiness, employing the use of 21st Century Skills. Our goals delineate how our district will proceed in each of the defined areas.

Vision: The vision of Stamford Central School as it relates to technology is to keep pace with advancing technologies in light of changing educational needs, in order for our students to succeed in the global community.

Curriculum Goals

1. Research and Information Fluency;
2. Digital Citizenship;
3. Technology Operations;
4. Facilitate and Inspire Student Learning; and
5. Model Digital-Age Work and Learning.

Technology Goals

1. Continue to maintain/update school webpage design and usability
2. Provide support and training to teachers to establish grade level/subject based web-pages
3. Offer peer and professional staff training on an ongoing basis
4. Integration of technology into classroom activities to support our vision
5. Improve wireless signal availability
6. Maintain and update hardware and software to improve efficiency

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.

Planning process: Meetings were held monthly with a sub-committee of the stakeholders to assess current state of district technology and brainstorm future plan and implementation of cutting edge technology needs and availability.

Stakeholders included: elementary teachers, high school teachers, special area teachers, library media specialist, technology coordinator, network specialist, administration (including curriculum), board of education, parents, community members and students.

Outcomes of the meetings included: grant-writing to purchase hardware and software; digital citizenship curriculum; budgetary availability; monitoring implementation of goals in our technology plan; professional development; cutting-edge technology; etc.

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)
- Professional Development (Checked)
- Staffing (Checked)

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

(No Response)

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

1. Staffing is our number one challenge. We have a part-time network specialist and a part-time micro-computer specialist. There is not enough time to provide the level of support needed.
2. Access points: we have new access points ready to install, when staffing time allows.
3. Professional development: we have faculty and staff members at all levels of technological abilities. We continue to offer PD, striving to bridge the gap and bring all members to proficiency.

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)	1Gb	1Gb
Internal Network Bandwidth: Connections BETWEEN school buildings (LAN)	NA	NA
Bandwidth: Connections WITHIN school buildings (LAN)	100Mb	1Gb

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

1 Gb

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

Broome Tioga BOCES

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	Available (Checked)
802.11b	In Use (Checked)
802.11g	In Use (Checked)
802.11n	In Use (Checked)
802.11ac	Available (Checked)
802.11ad	Available (Checked)
802.11af	Available (Checked)

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?**

90

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

No

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

1 Gb

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)	97	97
Laptops/Virtual Machine (VM)	97	97
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	2	2
Tablets less than nine (9) inches without access to an external keyboard	10	10
Tablets nine (9) inches or greater without access to an external keyboard	0	0
Totals:	206.00	206.00

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

100

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.**

Funding for additional staff and technology.

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	6
Flat Panel Displays	8
Interactive Projectors	0
Interactive Whiteboards	16
Multi-function Printers	5
Projectors	10
Scanners	5
Other Peripherals	0
Totals:	50.00

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

(No Response)

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

Yes

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

No

STAMFORD CSD

Instructional Technology Plan - Annually - 2015

Instructional Technology & Infrastructure Inventory

Status Date: 03/30/2015 10:28 AM

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?

No

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	No
Windows XP	Yes
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	Yes
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.

Brain Honey

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

Castle Learning, Acuity, STAR Renaissance Learning, BrainPop, Moby Max
X

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

Ebsco Host
 Academic OneFile
 OCLC First Search
 Scholastic-Grolier Databases (i.e. Lands and People, The New Book of Knowledge, etc.)
 Spotlight on NY

8. Does the district have a Parent Portal?

Yes

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

Attendance (Checked)
 Student Schedules (Checked)
 Grade Reporting (Checked)
 Other (Checked)

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?

Website (Checked)
 Facebook (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
Microcomputer Specialist	0.50
Network Specialist	0.50
	1.00

E. Curriculum and Instruction

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

The district plans to use digital connectivity and technology to improve teaching and learning by:

- Motivating students through the use of cutting-edge technology
- Utilizing research-based software applications, including but not limited to: Castle Learning, Acuity, BrainHoney, Study Island, Moby Max, BrainPop, etc.
- Utilization of Distance Learning to enhance course offerings, inclusive of college accredited courses; and
- Offering Virtual Field trips to provide K-12 enrichment, culturally diverse experiences and real-world connections;
- Reviewing indicators within the software applications of existing programs to determine continued effectiveness, purpose and student engagement;
- Investigating new research-based software applications;
- Technology as deemed necessary and appropriate to accommodate the needs of students with disabilities;
- Acquiring and utilizing software applications for assessment, as well as for purposeful practice; and
- Providing professional development, training and continued support.

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.

Relative to instruction, materials and assessment, our technology plan is designed to support all students, including those with disabilities. Students with audio-processing issues are provided with technology to accommodate hearing. We employ the use of speech-to-text technology for certain special needs students. Keyboarding replaces hand-written assignments for students who have a documented need for that technology. We have used the V-GO Robot for medically excused students to provide remote tele-presence. Software applications and research data-bases are universally used by all students.

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.

Assistive technology is employed for students with disabilities, as needed, to ensure access to the general curriculum. One example is the use of the V-GO Robot by a medically excused student to provide remote tele-presence.

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.**

Professional development provided by Stamford Central School included: Data analysis of NYS assessments, Smart Board Training, Microsoft Office tips/tricks, eBooks treasure hunt, Acuity software, Web page design, Introduction to educational apps for teachers, etc.

The audience was K-12 teachers and support staff - and methods of delivery included: whole group on conference days and at faculty meetings, small group during after-school round tables and webinars.

- 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
BOCES Staff Developer	0.05
	0.00

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	Wi-Fi	19,000	One Time	Grant
2	Interactive Whiteboards	24,000	One Time	Grant
3	Tablets	7,500	One Time	Grant
4	Other	28,000	One Time	Grant
5	Desktops	54,000	One Time	Grant
Totals:		132,500.00		

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

Automated manufacturing technology (CNC laser cutter and CNC router) - for technology course.

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

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

(No Response)

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

We have begun the implementation of Virtual Desktop Infrastructure in a pilot environment with the goal of increasing accessibility to district computing resources from any location with internet access.
We also have a lap-top loaner program for faculty, staff and students which provides equipment as needed.
Kindles have been purchased and assigned to students for curricular purposes.

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.**

Wifi is available in the Stamford Village library.

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.**

Time	Milestone	Action	Outcome
Fall 2015	Improve Wireless	Replace access points	More broad coverage
Spring 2016	Technology in the Classroom	Install Interactive White Boards in 6 HS Classrooms	Technology integrated in instruction and learning
Fall 2016	Digital Citizenship	Implement K-12 Digital Citizenship Curriculum	More knowledgeable, savvy and respectful digital citizens
Spring 2017	District Digital Communication	To be determined by available technology	Improved school communication with students, parents and community
Fall 2017	Classroom Digital Communication	To be determined by available technology	Improved school communication with students and parents
Spring 2018	Hardware/software efficiency	Perform a comprehensive analysis of existing hardware and software applications, and address deficiencies	More efficient hardware and software

J.Monitoring and Evaluation

1. 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.

Evaluation	Milestone	Action	Desired Outcome
Jan 2016	Improve Wireless	Replace access points	Quicker and more broad wireless coverage as measured by work orders relative to access and usage of digital resources, tools and information evidenced by student projects, papers, presentations, assessments, etc.
June 2016	Technology in the Classroom	Install Interactive White Boards in 6 HS Classrooms	Increased student engagement through the use of technology in the classroom as measured by improved student learning outcomes on final exams and state assessments (higher number of students at proficiency and mastery).
Jan 2017	Digital Citizenship	Implement K-12 Digital Citizenship Curriculum	Improved Cyber Safety, respectful digital citizens as measured by discipline referrals for cyber-bullying.
June 2017	District Digital Communication	To be determined by available technology	Improved school communication with students, parents and community
Jan 2018	Classroom Digital Communication	To be determined by available technology	Improved school communication with students and parents
June 2018	Hardware/software efficiency	Perform a comprehensive analysis of existing hardware and software applications, and address deficiencies	Efficient and up-to-date hardware and software

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

	Date of Public Forum (If applicable)	URL	Year Policy Adopted
Acceptable Use Policy -- AUP	(No Response)	http://www.stamfordcs.org/pages/Stamford_CSD/Departments/SCS_Policies/Acceptable_Use_Policy	2015
Internet Safety/Cyberbullying	09/10/2015	http://www.stamfordcs.org/pages/Stamford_CSD/Departments/SCS_Policies/Code_of_Conduct	2015
Parents' Bill of Rights for Data Privacy and Security	(No Response)	http://www.stamfordcs.org/pages/Stamford_CSD/Community/Parents/Parents__Bill_of_Rights_for_Da	2015

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

Yes

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?

None.

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

It seems like the BEDS data could be imported directly rather than requested on this form.

5. Other comments.

(No Response)

Appendices

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

(No Response)