

A. LEA Information

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

3,446

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

| | Enrollment |
|-------------|------------|
| Grades K-2 | 890 |
| Grades 3-5 | 704 |
| Grades 6-8 | 654 |
| Grades 9-12 | 1,035 |

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

Greg Hamilton

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.

The Mission of the Roosevelt Union Free School District is to educate the whole child to excel, thereby ensuring achievement for all. "Failure is not an Option"

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

The Roosevelt Union Free School District is dedicated to using technology to enhance the student learning environment and ensure that all students will develop the skills necessary to excel in a global technology-driven society.

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 plan was developed with input from stakeholder advisory groups, including: Superintendent of Schools, Director of Technology, Business Official, Assistant Superintendent for Instruction, Building Administration from elementary and secondary schools, Librarian, MS/ HS Music teachers, HS Technology teachers, PTSA representation and Alumni Association.

This advisory committee meets every other month during the school year. The committee members distribute, collect, collate and evaluate staff self-assessments on a quarterly basis to gauge the success of technology integration, staff development and mastery.

The Assistant Superintendent for Human Resources and Professional Development and Building Administration work with the advisory committee to assess the effectiveness of the integration of technology with learning objectives. A yearly review is conducted that identifies successful strategies and programs and ensures that the technology objectives are being met and that buildings, teachers, students and administrators are using and benefiting from technology through the use of surveys and rubrics. Modifications to the plan will be made based on the advisory teams evaluation of milestones.

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)
Cabling (Checked)
Connectivity (Checked)
Device Gap (Checked)
Network (Checked)
Professional Development (Checked)

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

(No Response)

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

1. Hardware and Cabling upgrades must not increase General fund budget
2. Device gap needs to be filled primarily with supplemental grant funding
3. Annual Budget and Tax cap

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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) | 100Mb | 100Mb |
| Internal Network Bandwidth: Connections BETWEEN school buildings (LAN) | 10G | 10G |
| Bandwidth: Connections WITHIN school buildings (LAN) | 100 Mb | 1G |

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

100Mb

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

Nassau 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) In Use (Checked) |
| 802.11b | Available (Checked) In Use (Checked) |
| 802.11g | Available (Checked) In Use (Checked) |
| 802.11n | Available (Checked) In Use (Checked) |
| 802.11ac | (No Response) |
| 802.11ad | (No Response) |
| 802.11af | (No Response) |

5. Do you have wireless access points in use in the district?

Yes

- 5a. What percentage of your district's instructional space has wireless coverage?

90

6. Does the district use a wireless controller?

Yes

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

1 Gb

8. 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) | 1,054 | 1,054 |
| Laptops/Virtual Machine (VM) | 790 | 790 |
| Chromebooks | 2 | 2 |
| 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 | 0 | 0 |
| Tablets less than nine (9) inches without access to an external keyboard | 63 | 63 |
| Tablets nine (9) inches or greater without access to an external keyboard | 288 | 288 |
| Totals: | 2,197.00 | 2,197.00 |

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)?

1

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.

In order to expand the use of technology the district would need additional funding to make upgrades to our infrastructure and network. In addition, funding for specialized professional development for teachers and IT staff in order to make full use of available assistive technologies as well as funding for a comprehensive assistive technology needs assessment, on an individual basis, for all students identified as disabled.

The 1-1 initiative would be undergirded by the capacity of the teachers and administrators, as such teachers would need to have their own equipment and software. This would require the initial purchase of computers and software for adult use to build teacher and admin comfort level with equipment and software.

The Roosevelt Union Free School District is a high poverty, high needs district which is low in resources. If possible, funding should be used to provide internet access to students to ensure that they are able to access the technology at home.

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 | 9 |
| Flat Panel Displays | 0 |
| Interactive Projectors | 82 |
| Interactive Whiteboards | 107 |
| Multi-function Printers | 15 |
| Projectors | 119 |
| Scanners | 8 |
| Other Peripherals | 40 |
| Totals: | 380.00 |

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

Apple TV

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

Yes

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

No

14a. On an average school day, approximately how many student devices access the district's network?

(No Response)

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

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 | Yes |
| Windows XP | No |
| Windows 7.0 | Yes |
| Windows 8.0 or greater | Yes |
| Apple iOS 7 or greater | Yes |
| Chrome OS | Yes |
| 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.

Oddysseyware
Star Renaissance
PowerSchool

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

Read 180
FastMath
Thinking Maps
Think Central
Safari Montage

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

Encyclopedia Americana
Popular Science
Health Reference Center Academic
Gale Newsstand
Infotrac Newstand

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)
Grade Reporting (Checked)

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

N/A

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

Emergency Broadcast System (Checked)
Website (Checked)

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

(No Response)

10. Please list title and FTE count (as of survey submission date) of all staff whose primary responsibility is technical support.

| Title | Number of Current FTEs |
|--------------------------|------------------------|
| Assistant Superintendent | 0.50 |
| Account Clerk | 1.00 |
| BOCES IT specialist | 3.00 |
| | 4.50 |

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

In order to expand the use of technology the district would need additional funding to make upgrades to our infrastructure and network. In addition, funding for specialized professional development for teachers and IT staff in order to make full use of available assistive technologies as well as funding for a comprehensive assistive technology needs assessment, on an individual basis, for all students identified as disabled.

The 1-1 initiative would be undergirded by the capacity of the teachers and administrators, as such teachers would need to have their own equipment and software. This would require the initial purchase of computers and software for adult use to build teacher and admin comfort level with equipment and software.

During the 2015/2016 school year, the District will pilot an online Response to Intervention program, eSpark. eSpark will use student data generated from STAR Renaissance and selected customized Apps for student to work in to address their learning deficits in Reading and math. The District is currently working with Apple to register iPads in their Device Enrollment Program (DEP) and Volume Purchase Program (VPP), which will allow for a seamless implementation of eSpark. eSpark will specifically target to students with disabilities in grades K-6, in all three elementary schools and all 7th grade students.

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.

All students, including students with disabilities, have access to technology in their classrooms and during instructional delivery. Teachers utilize Smart Boards, desktop computers, laptop computers, and iPads. Web based program such as Read 180, System 44, and Think Central offer instruction and academic support for 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.

The Committee on Preschool Special Education (CPSE)/Committee on Special Education (CSE) evaluate the individual needs of the students. The school districts is responsible for providing assistive technology needs of the students with disabilities served in the district in both general and special education classrooms. As per the Regulations of the Commissioner of Education in New York State sections 200.4(d)(2)(v)(b)(6), 200.4(d)(3)(v) and 200.4(e)) the school district is also responsible for the assistive technology needs of students with disabilities placed by their parents in nonpublic (e.g. parochial, private) schools within school district boundaries in accordance with their Individualized Education Services Programs (IESPs).

All students, including students with disabilities, have access to technology in their classrooms and during instructional delivery. Teachers utilize Smart Boards, desk top computers, lap top computers, and iPads. Web based program such as Read 180, Math 180, System 44, Achieve 3000 and Think Central offer instruction and academic support for all students.

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.**

Teachers and principals of the Roosevelt Union Free School District will be provided with a wide range of Professional Development opportunities. These opportunities will be aligned with the District's mission and vision and its multifaceted Theory of Action which articulates our approach to student achievement, is research-based and will catapult student learning to proficiency. The principles of Efficacy – First and foremost “Smart is not something you are. Smart is something you get” undergirds and serves as the framework for our beliefs and actions. Our Professional Development plan embodies our Theory of Action to Educate the Whole Child: Failure is Not an Option!

The Professional Development Plan is intended to ensure that the professional development opportunities provided to District faculty is meaningful, ongoing, and reflective of best practices based on student achievement data. In addition, these opportunities must reflect changes in the curriculum tools employed by the district: Common Core Math and ELA Modules, Thinking Maps, and Star Renaissance.

The District Professional Development plan includes the following technology related opportunities:

eSpark Professional development
 Star Renaissance Benchmark Assessment
 Apple iLife for iPad
 Apple iWork for iPad
 Powerschool training
 Microsoft IT Academy

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 |
|------------------------|------------------------|
| Curriculum Specialist | 3.00 |
| Account Clerk | 1.00 |
| BOCES IT Specialist | 3.00 |
| HS Assistant Principal | 1.00 |
| | 8.00 |

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Technology Investment Plan

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

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 | Other | 900,000 | One Time | Smart Bond |
| 2 | Wi-Fi | 500,000 | One Time | Smart Bond |
| 3 | Network Cabling | 250,000 | One Time | Smart Bond |
| 4 | Tablets | 250,000 | Annual | Smart Bond, Technology Reserve |
| 5 | Professional Development | 100,000 | Annual | General Fund, Title I |
| Totals: | | 2,000,000.00 | | |

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

Switches and upgrades to security/video surveillance systems

H. Status of Technology Initiatives and Community Connectivity

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

Changes in Funding (Checked)
Technology Plan Implementation (Checked)
Changes in Legislation (Checked)

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

(No Response)

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

The District's medium range plan is to implement a 1:1 Computing initiative for students. Through this initiative, students will have access to District issued personal computing devices to aid in homework and research. Because not every household in our community has broadband/wi-fi access at home, the District will partner with the local library and community center to ensure that children may utilize those spaces for connected learning.

Over the next several months the District intends to utilize a mobile engagement application (Whizfish) as a means to better communicate with students, parents and teachers. This mobile platform will provide principal & teacher messages, publish sports and event calendars and provide instant alert notifications.

3. Please check all locations where Wi-Fi service is available to students within the school district geographical boundaries.

School (Checked)
Community (Checked)

- 3a. Please identify categories of available Wi-Fi locations within the community.

Public Library, Police Athletic League Center

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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.

The District has instituted a Technology Plan Advisory committee (TAC) and working sub-committee that convene at least every other month for the duration of the Smart Schools Bond Act period. This committee was developed to assist in the writing of the District Technology plan, and outline/plan the implementation of Smart School Bond Act initiatives. The schedule of TAC meetings are as follows:

| | 2015/16 | 2016/17 | 2017/18 |
|--|---------------|---------------|---------------|
| Technology Plan Advisory Committee (TAC) meeting | August 2015 | August 2016 | August 2017 |
| Technology Plan Advisory Committee (TAC) | October 2015 | October 2016 | October 2017 |
| TAC sub-committee | November 2015 | November 2016 | November 2017 |
| Technology Plan Advisory Committee (TAC) meeting | December 2015 | December 2016 | December 2017 |
| TAC sub-committee | January 2016 | January 2017 | January 2018 |
| Technology Plan Advisory Committee (TAC) meeting | February 2016 | February 2017 | February 2018 |
| Technology Plan Advisory Committee (TAC) meeting | April 2016 | April 2017 | April 2018 |
| TAC sub-committee | May 2015 | May 2017 | May 2018 |
| Technology Plan Advisory Committee (TAC) meeting | June 2016 | June 2017 | June 2018 |

The committee members distribute, collect and collate staff self-assessments in April to gauge the success of technology integration, staff development and mastery. These assessments and committee recommendations are then used as inputs in the annual District budget process, which begins in October of each school year.

Teachers will work with consultants to incorporate technology into their classrooms while the Assistant Superintendent for Human Resources and Professional Development and Building Administration work with the advisory committee to assess the effectiveness of the integration of technology with learning objectives. A yearly review is conducted that identifies successful strategies and programs and modifies the existing plan based on the findings

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.**

The Technology Plan advisory committee meets every other month during the school year. The committee members distribute, collect and collate staff self-assessments in April to gauge the success of technology integration, staff development and mastery. These assessments and committee recommendations are then used as inputs in the annual District budget process, which begins in October of each school year. Professional Development and materials will be requested to address the findings of District Technology assessments.

The Assistant Superintendent for Human Resources and Professional Development and Building Administration work with the advisory committee to assess the effectiveness of the integration of technology with learning objectives. A yearly review is conducted that identifies successful strategies and programs.

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) | www.rooseveltufsd.org/domain/65 | 2014 |
| Internet Safety/Cyberbullying | 07/01/2014 | www.rooseveltufsd.org/domain/65 | 2014 |
| Parents' Bill of Rights for Data Privacy and Security | (No Response) | http://www.rooseveltufsd.org/cms/lib/NY01001495/Centricity/Domain/4/Parents%20Bill%20of%20Rights%202014-15%20REVISED.pdf | 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?

(No Response)

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

(No Response)

5. Other comments.

(No Response)

Appendices

1. Upload additional documentation to support your submission
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