

Instructional Technology Plan - Annually - 2016

LEA Information

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A. LEA Information

1. 2014-2015 Student Enrollment

| | Total Enrollment | Pre-K Enrollment | K-2 Enrollment | 3-5 Enrollment | 6-8 Enrollment | 9-12 Enrollment | Ungraded Enrollment |
|--------------------|------------------|------------------|----------------|----------------|----------------|-----------------|---------------------|
| Student Enrollment | 1,448 | 0 | 366 | 293 | 323 | 453 | 13 |

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

Lori Newell

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

Other

3a. If the response to question 3 was "Other", please provide the title.

Technology Coordinator

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Instructional Technology Vision and Goals

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B. Instructional Technology Vision and Goals

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

To provide all students the opportunity to receive quality instruction that will develop their ability to achieve high standards. To guarantee guidance and caring support that will help them learn to apply acquired knowledge to life situations and to become lifelong learners.

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

Technology Mission Statement: In the Saranac Central School District, technology will be used to provide an environment in which all students are empowered to become lifelong learners and effective users of information, ideas, and technology to become productive members of the 21st Century society. The technology will be used to enhance motivation, facilitate teaching and learning, and increase productivity.

In the competitive, information-rich world of the 21st Century, we must adopt better ways to facilitate learning, to prepare students to become both productive members of the work force and valuable members of our communities. Today, this challenge is greater than ever, not just because of the diversity of backgrounds, languages, preparedness, motivation, and support of the student population, but also because of the dynamics of the workplace they will enter.

One of the biggest advantages of integrating information technology in schools is the opportunity for innovation. With schools and universities increasingly connected through the Internet and other networks, teachers will be able to use technology in new and creative ways. Technology in classroom is naturally suited for learning the ideas of teamwork and problem solving - old concepts, but more relevant than ever. By incorporating information technology into education, educators will be able to create new opportunities for learning, and in doing so, create new opportunities for students. When properly integrated into the classroom, students become active learners instead of passive sitters, test takers, and clock-watchers. They are inspired to excel and become passionate about learning, not only for today, but for life - which is indispensable for success in the workplace and in the community.

Technology should be used across the curriculum to facilitate a student-centered learning environment. This will require that computers, communications networking, and multimedia equipment be fully integrated into our schools so that they are available when and where they are needed to improve learning. This will provide tools for effective presentation of course materials, as well as resources for helping students learn how to access, analyze, and interpret information, and how to communicate their findings. Additionally, classrooms must be equipped with teachers in mind. Today's pedagogy requires technological tools.

Goal 1: Access to Technology for All Students – Implement technology to improve achievement for all students, including students with disabilities.

Goal 2: Integration of Technology into Curriculum

Goal 3: Promote Communication

Goal 4: Provide and Maintain Infrastructure – Provide and maintain security, reliability, integrity and speed for current as well as future technologies.

Goal 5: Provide Professional Development – Professional development is important to facilitate learning, teaching and productivity to meet curriculum goals as well as technology standards. In addition to in-district Professional Development, there are other opportunities for continued PD. Other resources include North Country Teacher Resource Center, SUNY Plattsburgh, and online courses.

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3. Please summarize the planning process used to develop the instructional technology plan. Please include the stakeholder groups participating and outcomes of the instructional technology plan development meetings.

| Technology Plan Development Meetings | | | |
|--------------------------------------|--|--|---|
| Date | Purpose | Participants | Outcome |
| July 2015 | Reviewed draft of Instructional Technology Plan Survey | Tech committee – teachers, library media specialists, administrators, superintendent, curriculum coordinator, tech coordinator, network technician | Finalize Instructional Technology Plan Survey for submission |
| October 2015 | Develop and administer survey for students to measure home Internet accessibility; develop a survey for teachers | Tech committee – teachers, library media specialists, administrators, superintendent, curriculum coordinator, network technician, tech coordinator | Provided data about student home Internet accessibility and what type of accessibility; provided data regarding teachers home access |
| November 2015 | Exploring vision for the district in regards to technology | Tech committee – teachers, student, library media specialists, administrators, superintendent, curriculum coordinator, network technician, tech coordinator | Arranged conferences for some members, looked at research of other programs; providing PD |
| December 2015 January 2016 | Gather information about attended conferences | Tech committee – teachers, student, library media specialists, administrators, superintendent, curriculum coordinator, tech coordinator, network technician | Provided information to develop vision and changes to pedagogy; provided possibly technology solutions to meet our districts technology needs |
| March 2016 | Reviewed feedback of LMS demos | Tech committee – teachers, student, library media specialists, administrators, superintendent, curriculum coordinator, tech coordinator, network technician | Determined the LMS that the district would adopt |
| March 2016 | Planning future PD to support teaching using 21st century teaching and learning | teachers, administrators, curriculum coordinator, tech coordinator | Secured PD presenter for LMS |
| April 2016 | Gather information from NERIC on Smart Schools Bond | Tech committee – teachers, student, library media specialists, administrators, superintendent, curriculum coordinator, tech coordinator; NERIC’s Roxanne Pombrio and Virginia Bond | Provided information on what NERIC offers, other districts’ successes, |
| April 2016 | Planning future PD to support teaching using 21st century teaching and learning | Tech committee – teachers, student, library media specialists, administrators, superintendent, curriculum coordinator, tech coordinator | Secured PD presenter for Sept 2017 keynote speaker for faculty and staff – shifting the pedagogy |
| May 2016 | Review Security and Connectivity needs for district | Administrator, tech coordinator, network technician, engineer | Develop plan for addressing security and connectivity needs |
| May 2016 | Review Instructional Tech Plan Survey for 2016-17 submission; | Tech committee – teachers, student, library media specialists, | Finalize Instructional Technology Plan Survey for submission; |

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| | | | |
|--|--|--|---------------------------|
| | Review Security and School Connectivity components of Smart Schools Bond; Review devices for consideration for pilot | administrators, superintendent, curriculum coordinator, tech coordinator, network technician | selected devices to pilot |
|--|--|--|---------------------------|

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.

The top challenges that are causing the gaps at this time are funding, time for training, and instructional time for implementation.

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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?

Charter Business

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"> <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 |
| Maximum Capacity | <ul style="list-style-type: none"> <input type="checkbox"/> Greater than 10 Gbps <input checked="" type="checkbox"/> 10 Gbps <input 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 |

5. Please identify the minimum and maximum circuit speeds at which the classrooms in the district are connected to the school building wiring/network closet.

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| | |
|--|--|
| | Please provide the speed at which classrooms are connected to building wiring/network closet. |
| Minimum Circuit Speed Within a School Building | <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 |
| Maximum Circuit Speed Within a School Building | <input type="checkbox"/> Greater than 10 Gbps <input checked="" type="checkbox"/> 10 Gbps <input 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 | 1 | <input type="checkbox"/> Mbps <input checked="" type="checkbox"/> Gbps |
| Maximum Capacity of Switches | 10 | <input type="checkbox"/> Mbps <input checked="" 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% coverage at 40% saturation

9. Does the district use a wireless controller?

Yes

10. How many computing devices less than five years old are in use in the district?

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| | Number of devices in use that are less than five years old | How many of these devices are connected to the LAN? |
|---|--|---|
| Desktop computers/Virtual Machine (VM) | 450 | 450 |
| Laptops/Virtual Machine (VM) | 37 | 37 |
| 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 | 0 | 0 |
| 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 | 95 | 95 |
| Totals: | 582.00 | 582.00 |

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)?**

3

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 are currently meeting the needs of our students with disabilities. Looking towards the future, funding for professional development to continue to meet the needs of our students using assistive technologies.

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

| | Number of devices in use |
|-------------------------|--------------------------|
| Document Cameras | 3 |
| Flat Panel Displays | 0 |
| Interactive Projectors | 61 |
| Interactive Whiteboards | 3 |
| Multi-function Printers | 15 |
| Projectors | 51 |
| Scanners | 0 |
| Other Peripherals | 16 |
| Totals: | 149.00 |

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

Digital video camera (6); Digital point-and-shoot cameras (10)

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

Yes

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Instructional Technology & Infrastructure Inventory

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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?

150

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

Not Applicable

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

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

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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 | No |
| Other | Yes |

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

Linux

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."

NA

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

Schoology

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

Microsoft Office Word; Microsoft PowerPoint; SmartNotebook; iReady; Think Central;

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

Google; Novel NY Collection, Icepac, Ebsco Mag Ultra

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Software and IT Support

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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, Student Contact information

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".

Remind, Class Messenger

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 |
|------------------------|------------------------|
| Help Desk Technician | 0.60 |
| Network Technician | 1.00 |
| Technology Coordinator | 1.00 |
| | 2.60 |

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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?

Goal 2: Integration of Technology into Curriculum

Strategies:

1. Provide technology resources to assist teachers in integrating technology throughout the curriculum to meet state and district standards.
2. Research and identify software, hardware and web resources to improve achievement in content areas.
3. Research, identify, and integrate best practices in the use of technology in the classroom.
4. Align, promote and integrate the ISTE Standards for Students (ISTE StandardsS) with existing curriculum.

Goal 5: Provide Professional Development – Professional development is important to facilitate learning, teaching and productivity to meet curriculum goals as well as technology standards. In addition to in-district Professional Development, there are other opportunities for continued PD. Other resources include North Country Teacher Resource Center, SUNY Plattsburgh, and online courses.

Strategies:

1. Conduct regular needs assessment of faculty and staff to develop meaningful PD.
2. Provide PD, as schedules and time allows, during Early Release Days, Superintendent Days, one-on-one training, after school and during the summer.
3. Conduct evaluations of PD to assess success as well as future direction.
4. Share current research, best practices, Web 2.0 tools, websites, and other relevant resources through newsletters, faculty meeting and scheduled PD days.
5. Research other avenues for PD.
6. Provide PD for faculty and staff for the district's Student Information System.
7. Provide PD to faculty and staff to increase productivity such as Microsoft Office Suite, email, desktop publishing, maintain an online presence (website) and other record keeping tasks.
8. Provide PD to assist faculty with assessments.
9. Promote the ISTE Standards for Teachers (ISTE StandardsT)

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.

Goal 1: Access to Technology for All Students – Implement technology to improve achievement for all students, including students with disabilities and English Language Learners. Provide assistive devices for special needs students as necessary.
(Examples: FM systems, BookShare, computer access, laptops, large-print materials)

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.

Goal 1: Access to Technology for All Students– Implement technology to improve achievement for all students, including students with disabilities and English Language Learners. Provide assistive devices for special needs students as necessary.
(Examples: BookShare (textbook service for student with disabilities); FM systems, computer access, laptops, thumbdrives; Dynvox)

4. Does the district's instructional technology plan address the needs of English Language Learners to ensure equitable access to instruction, materials, and assessments?

 Yes No

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Curriculum and Instruction

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- 4a. **Please provide details. If the district plans to apply for Smart School Bond Act funds for Classroom Learning Technology, the answer to this question must be aligned with the district's Smart Schools Investment Plan (SSIP).**

Goal 1: Access to Technology for All Students – Implement technology to improve achievement for all students, including students with disabilities and English Language Learners. Provide assistive devices for special needs students as necessary.

(Examples: computer access, laptops, software, appropriate assessments)

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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.**

Goal 5: Provide Professional Development – Professional development is important to facilitate learning, teaching and productivity to meet curriculum goals as well as technology standards. In addition to in-district Professional Development, there are other opportunities for continued PD. Other resources include North Country Teacher Resource Center, SUNY Plattsburgh, and online courses.

Strategies:

- Conduct regular needs assessment of faculty and staff to develop meaningful PD.
- Provide PD, as schedules and time allows, during Early Release Days, Superintendent Days, one-on-one training, after school and during the summer.
- Conduct evaluations of PD to assess success as well as future direction. Share current research, best practices, Web 2.0 tools, websites, and other relevant resources through newsletters, faculty meeting and scheduled PD days.
- Research other avenues for PD.
- Provide PD for faculty and staff for the Student Information System.
- Provide PD for faculty and staff for the Learning Management System.
- Provide PD for faculty and staff for using technology.
- Provide PD to faculty and staff to increase productivity such as Microsoft Office Suite, email, desktop publishing, maintain an online presence (website) and other record keeping tasks.
- Provide PD to assist faculty with assessments.
- Promote the ISTE Standards for Teachers (ISTE StandardsT).

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 |
|------------------------|------------------------|
| Technology Coordinator | 1.00 |
| | 1.00 |

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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.**

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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 |
|----------------|-----------------------------|----------------|-----------------------------------|---|
| 1 | Servers | 40,000 | One Time | <input 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 |
| 2. | Wi-Fi | 300,000 | One Time | <input 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. | Broadband | 45,000 | Annual | <input 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. | Other | 120,000 | Annual | <input 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 checked="" type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other |
| 5. | Desktops | 75,000 | Annual | <input 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 |
| Totals: | | 580,000.00 | | |

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Technology Investment Plan

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

Laptops/tablets/other individual devices.

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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.**

The district plans to increase student and teacher access to technology at school by increase the number of access points to increase our saturation level that would support our student and teacher population for either BYOD or district provided devices. Based on the needs as obtained by our survey, the district will evaluate the best method to increase student access to technology outside of the physical campus.

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.**

Public Library (Dannemora)

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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.

| Action Plan | | | | |
|---|---|-----------------------------|--|---|
| Goal 1: Increase Connectivity (for student access & future Computer-based Testing) | | | | |
| Actions Needed to Achieve Goal | Staff Development | Person(s) Responsible | Date Each Action Will Be Completed | Indication of Success |
| Upgrade Infrastructure | NA | Tech department | Spring 2017 | Network will be able to handle load |
| Increase number of access points | NA | Tech department | Spring 2017 | 100% coverage with 100% saturation throughout instructional areas |
| | | | | |
| Goal 2: Increase access to technology for instruction | | | | |
| Increase number of mobile labs – Pilot phase | Training teachers to use labs | Lori Newell | Fall 2016 | Each building will have 1 additional mobile lab for classroom use |
| Increase number of devices available to students – Phase 1 | Training teachers and students to use devices | Lori Newell | Spring 2017 | Fulfill the technology access needs of classes and students |
| Provide additional access to students outside of class meeting times | NA | Tech committee | Fall 2017 | Areas for students to access WiFi, printing needs, workstations &/or device |
| | | | | |
| Goal 3: Promote Communication with students and parents | | | | |
| Provide LMS access to students and parents | <ul style="list-style-type: none"> Initial training for faculty in Sept 2016 Ongoing training on PD days throughout school year | Lori Newell & Connie Garman | <ul style="list-style-type: none"> Fall 2016 Fall 2017 | Teachers are using LMS for their courses |
| | | | | |
| Goal 4: Integration of 21st Century teaching and learning into instruction | | | | |
| Provide LMS | <ul style="list-style-type: none"> Initial training in Sept 2016 Ongoing training on PD days throughout school year | Lori Newell & Connie Garman | <ul style="list-style-type: none"> Fall 2016 Fall 2017 | Teachers are using LMS for their courses |
| Training using 21st Century skills pedagogy | Keynote speaker to whole faculty & in depth training to core group for train-the-trainer approach | Connie Garman | Fall 2016 | Teachers are using 21st century skills in their instruction |
| | | | | |

Instructional Technology Plan - Annually - 2016

Monitoring and Evaluation

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J. Monitoring and Evaluation

1. **Please describe the proposed strategies that the district will use to evaluate, at least twice a year, whether the district’s instructional technology plan is 1) meeting the vision and goals as outlined in the plan and 2) making a positive impact on teaching and learning in the district.**

The Technology Plan must be evaluated regularly and updated as needed, at least twice a year. Implementation of the Technology Plan must adapt to the District’s resources as well as changes in the curricula. The introduction of the Common Core Curriculum in the subject areas will continue to direct the future needs of technology in the classrooms. In addition, computer-based testing will dictate infrastructure changes, hardware acquisitions and professional development in the near future. The evaluation will need to be done often as the educational changes occur.

We must constantly evaluate the effectiveness of using technology. No one tool can measure this effectiveness. We employ a variety of tools including surveys, self-assessments, inventories, mapping the curriculum, and interviews. These tools will measure, among other things, proficiency levels, curriculum projects, goals, types of integration, comfort levels, number, types, and location of resources, learning objectives, examples of projects, classroom setup, instructional practices, and management strategies.

2016-17 – pre and post surveys of stakeholders; evaluate research and pilots using surveys, inventories, interviews, assessments

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

| | URL | Year Policy Adopted |
|---|---|---------------------|
| Acceptable Use Policy -- AUP | http://www.saranac.org/images/District/Policies/PDF/4526R_Internet_Policy.pdf | 2013 |
| Internet Safety/Cyberbullying* | http://www.saranac.org/images/District/Policies/PDF/4526.1.pdf | 2013 |
| Parents' Bill of Rights for Data Privacy and Security | http://www.saranac.org/images/District/Saranac_Parents_Bill_of_Rights_for_Data_Privacy_and_Security.pdf | 2014 |

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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.**

(No Response)

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Appendices

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Appendices

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

(No Response)