

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	4,067	0	894	926	927	1,298	22

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

Mr. Thomas O'Hara

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

Director of Technology

Instructional Technology Plan - Annually - 2016

Instructional Technology Vision and Goals

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B. Instructional Technology Vision and Goals

1. Please provide the district mission statement.

The East Greenbush Central School District Board of Education Mission is: "To promote the maximum growth of every child who is served educationally by its programs and services."

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

Instructional Technology Vision Statement

The East Greenbush Central School seeks to seamlessly integrate technology into all aspects of communication, collaboration, instruction, and program development in the pursuit of excellence in educational experiences for all students.

Instructional Technology Goals:

1. 100% of all elementary and secondary school buildings will be equipped with technology and Wi-Fi access that will allow for simultaneous participation in state assessment by September 2019. The District purchasing plan will outline planned spending across 3 years of hardware and the supporting infrastructure and will consider adaptive technology needs to ensure equitable access, where possible, for students with disabilities.
2. 100% of all classrooms will have wireless capability with the final 70% of access funded through the Smart Schools Investment Act for instructional purposes by June 2017.
3. Faculty and administrators will receive at least two hours of professional development embedded in buildings during faculty meetings, computer lab sessions, and during Superintendent's Conference Days annually on ISTE aligned and BrightByte Survey identified skills using Microsoft Office and Google Applications. Additional professional development will be available on the EGCS D Technology Tutorial Site that will be completed by September 1, 2016.
4. Parents will be provided with the opportunity to attend technology skill development sessions by January 2017. Session content will include ISTE aligned and BrightByte Survey identified skills using Microsoft Office and Google Applications. There will be video clips on the EGCS D Technology Tutorial Site developed for parents by September 2016.
5. All students, grades 3 -8 will be provided with a District Gmail account by September 2016. Elementary students will be able to Email only other internal students and teachers. Secondary students will have full access to Email.
6. The District will develop a Student Help Desk Plan with a three year implementation timeline by January 2017. The first phase will be a student tutoring program for implementation by January 2017. The second phase will include an elective credit and independent project component for implementation in the Fall of 2017. The third and final phase will include a hardware maintenance and troubleshooting component for implementation September 2018.
7. The District will identify appropriate student hardware for instruction and CBT, to be purchased through the Smart Schools Bond Act funding by June 2017.
8. The District will participate in computer based field testing during the 2017-2018 school year.
8. The District will develop a multiyear plan for 1:1 implementation partially funded by Smart Schools Bond Act allocations by June 2017.
9. The District will develop a multiyear plan for piloting Electronic Textbooks by June 2017.
7. The District will pilot a web based keyboarding program for K-5 instruction during the 2016-2017 school year with a representative sample of elementary teachers from each of the buildings. Participating teachers will report out to the Technology Committee in June 2017.
8. AIS and Reading Teachers will pilot EasyCBM math universal screening and progress monitoring at Goff MS and Bell Top during 2016-2017 and report out to the Technology Committee in June 2017.

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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.

The East Greenbush Central School District Technology Committee is comprised of community members, administrators, parents and teachers. The standing members are listed: Mr. Mike Buono, Board of Education Member and Parent; Mr. John Dunn, Board of Education Member and Parent; Dr. Shay Harrison, Board of Education President; Mrs. Michelle Conway, Community Member and Parent; Mr. Sean Crall, Goff Middle School Teacher and Instructional Bargaining Unit President; Mr. Jeffrey Ecker, Green Meadow Elementary Teacher; Ms. Patricia Farnan, Goff Middle School Teacher, Mr. Steven Ford, Columbia High School Teacher; Ms. Melissa Gilligan, Red Mill Elementary Teacher, Mr. Wayne Grignon, Goff Middle School Principal; Ms. Katelynn Ingham, Columbia High School Librarian; Mr. Edward Kilmartin, Columbia High School Assistant Principal; Mrs. Tammy Kirwin, Goff Middle School Teacher; Mrs. Lisa Mahar, Red Mill Elementary Teacher; Mrs. Maureen McHugh, Citizen Edmund Genet Elementary School Teacher; Mrs. Mary Ann Morgan, Bell Top Elementary Teacher; Ms. Catherine Morrow, Columbia High School Teacher, Mr. Wayne Morrow, Education Technology Specialist; Michael Neumann, Goff Middle School Assistant Principal; Mr. Thomas O'Hara, Director of Technology; Dr. Lynne Pampel, Chairperson and Assistant Superintendent for Curriculum and Instruction; Mr. Anthony Pfister, Community Member and Parent; Mr. Thomas Poli, Network Technician; Mr. Mike Rubinstein, Community Member; Mr. Arthur Sanderson, Community Member; Donna Shepardson, Columbia High School Teacher.

The Committee met on the following seven dates: September 17, 2015, November 9, 2015, December 7, 2015, February 1, 2016, March 7, 2016, April 11, 2016, May 16, 2016 and June 5th, 2016, during which technology planning for the revised Technology Plan and Smart Schools Bond Act funding was an agenda item for discussion and development. In an effort to solicit feedback by parents and students the District conducted a District wide survey developed by Brightbytes and supported by the Northeast Regional Information Center. The survey was available to students, their parents, teachers and administrators as part of the evaluation process to determine classroom use of technology, access to technology in the home and classroom, skills of students and instructors and effectiveness of current policies, practices, procedures and professional development regarding technology provided to faculty. Responses were received by 268 out of possible 351 teachers and administrators (76%), 2851 out of a possible 2972 students grades 3 -12 (96%), and 632 participating parents. The Technology Committee developed a new Technology Plan and District wide goals with the insights gained by the survey and stakeholder participation. The district is currently in planning with Northeast Regional Information Center personnel to readminister the survey for comparative results and to further inform development of future planning.

The initial survey results yielded three areas for consideration; the use of technology to improve college and career readiness, enhancing technology knowledge and confidence and improving Anywhere, Anytime Access for learning. The goals were developed using a SMART Goals format by the Technology Committee during a workshop session. SMART Goals are specific, measurable, and targeted.

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.

WiFi Access Points and Connectivity capacity have not been sufficient and have caused instructional delivery concerns for BYOD and wireless technology implementation. There has not been sufficient funds to upgrade existing end-user devices over the course of the last five budget years. This has impacted the ability to deliver access within the schools to student devices. Lastly, professional development has not been provided because the existing end user devices within the district were not current and could not provide direct instructional value. The WiFi gap is being addressed by a district voter approved, capital construction project and additional staff professional development will be provided.

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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?

BOCES - North East Regional Information Center

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 Gbps or Mbps
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 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

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 type="checkbox"/> 1 Gbps - < 10Gbps <input type="checkbox"/> 100 Mbps- < 1 Gbps <input checked="" type="checkbox"/> 50 Mbps - < 100 Mbps <input type="checkbox"/> 10 Mbps - < 50 Mbps <input type="checkbox"/> Less than 10 Mbps
Maximum Circuit Speed Within a School Building	<input type="checkbox"/> Greater than 10 Gbps <input type="checkbox"/> 10 Gbps <input checked="" type="checkbox"/> 1 Gbps - < 10Gbps <input type="checkbox"/> 100 Mbps- < 1 Gbps <input type="checkbox"/> 50 Mbps - < 100 Mbps <input type="checkbox"/> 10 Mbps - < 50 Mbps <input type="checkbox"/> Less than 10 Mbps

6. What are the minimum and the maximum port speeds of the switches that are less than five years old in use in the district?

	Port speed of switches	Mbps or Gbps
Minimum Capacity of Switches	10	<input checked="" type="checkbox"/> Mbps <input 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?

2

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?

35

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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Instructional Technology & Infrastructure Inventory

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	Number of devices in use that are less than five years old	How many of these devices are connected to the LAN?
Desktop computers/Virtual Machine (VM)	285	285
Laptops/Virtual Machine (VM)	0	0
Chromebooks	69	69
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	48	48
Tablets nine (9) inches or greater without access to an external keyboard	0	0
Totals:	402	402

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)?

4

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.

The District needs to increase professional development offerings and work with technology consultants, developers and visit other high performing school districts to inform required resources.

The instructional faculty requires greater exposure to the types of hardware and software available for use in the classroom to enhance instructional delivery for all students. Increased professional development opportunities are outlined in the goals embedded in the Technology Plan and sessions were begun on September 2, 2015 and continued through the 2015-2016 school year. These initial sessions introduced faculty and administrators to state-of-the-art hardware, software and instructional strategies utilizing technology to consider when designing instruction that will improve student outcomes. Vendors also presented materials that include devices and programs for increased accessibility to content and curriculum. Faculty have visited other Districts to observe technology used in the classroom for instructional purposes and to analyze student performance data to make programmatic and instructional decisions. Instructional delivery strategies need to be better aligned with 21st century learning skills associated with technology to create, evaluate and effectively utilize information, media and technology.

The District will continue to work with a consultant during all scheduled construction projects to insure universal Wi-Fi access, appropriate network infrastructure installation and to assist with product purchasing which will enhance UDL.

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

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	Number of devices in use
Document Cameras	150
Flat Panel Displays	7
Interactive Projectors	4
Interactive Whiteboards	145
Multi-function Printers	0
Projectors	22
Scanners	12
Other Peripherals	0
Totals:	340

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

(No Response)

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?**

40

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 - 2016

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	No
Windows XP	Yes
Windows 7.0	Yes
Windows 8.0 or greater	No
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."**

-NA-

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	No
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.**

-NA-

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

Learning A-Z
 Brain PoP
 Pearson SuccessNet
 Enchanted Learning
 EdHelper

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

World Book On-Line
 ProQuest Culturegrams
 PebbleGo Animals
 Congressional Quarterly
 Elsevier Science Database

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).

-NA-

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

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
Network Technician	3.00
Director of Technology	0.90
Support Technician	1.00
	4.90

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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?

The District identified increased access to modern technology by both faculty and students, and increased professional development opportunities as the two most powerful factors influencing teaching and learning with embedded digital resources.

The general Technology Plan responds to the findings of the last Brightbytes district wide survey that identified student access to computers as essential for developing the knowledge and skills needed for college and career readiness. College and career readiness are aligned with 21st Century Skills and defined as communication, collaboration, critical thinking and creativity. The District adopted a Bring Your Own Device Policy in December of 2014 and conducted a limited pilot at the high school using BYOD instructional strategies through June of 2016. The District purchased 330 new teacher desktop work stations for September 2015, will have WiFi access for all instructional spaces in the spring of 2016, and will begin purchasing devices for student instructional activities and online assessments, during the fall of 2016. The purchase of student devices will support interactive displays and will be supported by WiFi, both of which will be purchased through Smart Schools Bond Act Funding.

Faculty knowledge of instructional technology will be enhanced by increasing professional development opportunities. All faculty will be provided a minimum of two hours of technology focused professional development annually during Superintendent's Conference Days and building level meetings beginning in September 2015 and in the 2016-2017 school year additional staff development is planned. Professional development will focus on Communication, Collaboration, Critical Thinking, Creativity and Digital Citizenship.

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.

Access to professional development for all teachers will help them to become familiar with adaptive devices and instructional strategies using technology to improve access for students with disabilities. Access to the Common Core State Standards and the aligned online assessments are a priority for the District's with reference to students with disabilities. Currently, students with disabilities and English Language Learners have access to I pads with adaptive applications for instruction. The purchasing plan will be responsive to student and teacher requests as their additional training shapes their understanding of the required technology resources to support their instructional strategies. Students will have an opportunity have the opportunity to use a Chromebook to complete brief exercises using word processing and Internet search functions. Student will then provide input and the District purchasing plan will be completed by January 31, 2017.

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.

Access to professional development for teachers was designed to help them become familiar with instructional strategies using technology to improve access for all students and help redefine instructional practice. Access to 1-to-1 technology for students with disabilities has been a purchasing priority in both the general education IT budgets and the PPS equipment budget. Currently, students with disabilities and English Language Learners have access to I pads with adaptive applications for instruction and to Chromebooks at a higher device to student ratio than general education students. The purchasing plan will be responsive to teacher requests for required technology resources to support students with disabilities engage in learning. Current examples of assistive technology that is integrated into classrooms, for support of students with disabilities would be airprint printers to print word processed documents from an iPad and oversized mice and keyboards that can be used on classroom computers by flipping a switch.

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

Instructional Technology Plan - Annually - 2016Curriculum 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).**

Access to 2-to-1 technology (1 iPad and 1 Chromebook per student) has been provided to English Language Learners at the Elementary level. Currently, English Language Learners have access to instructional software and Apps for adaptive instruction. Purchasing for the district has focused on English vocabulary acquisition, primarily with audio and picture support. The purchasing plan being developed as a part of the Smart Smart Schools Investment Plan process will continue to support technology resources that support additional access and software for the District's ELL students. Parents of District ELL students have had the opportunity to view the hardware and software currently in use by their students in classrooms.

Instructional Technology Plan - Annually - 2016

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.**

All staff will have at least 2 hours of professional development annually that is embedded in buildings in the computer labs, during faculty meetings, on Superintendent's Conference days and have access to web based video tutorials developed by the faculty, that specifically includes topics related to technology and modern learning concepts. Each building provides teaching and support staff with topics regarding technology use and instructional support during staff meetings. The Columbia High School and Goff Middle School have monthly professional development offerings for staff, after school, that includes topics specifically requested by each building's teachers. The Assistant Superintendent of Personnel and Professional Development approves BOCES Model School Professional Development Offerings as appropriate which are related to technology and technology infusion into modern instructional practice as they are announced by BOCES.

- 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
Director of Technology	0.10
	0.10

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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	Chromebooks	500,000	Both	<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
2.	Wi-Fi	375,000	One Time	<input type="checkbox"/> BOCES Co-Ser Purchase <input type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input checked="" 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.	Interactive Displays/Projectors/Whiteboards	275,000	One Time	<input type="checkbox"/> BOCES Co-Ser Purchase <input checked="" type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input checked="" 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
4.	Broadband	65,000	One Time	<input checked="" type="checkbox"/> BOCES Co-Ser Purchase <input type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Material Aid <input type="checkbox"/> Instructional Resources Aid <input type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
5.	Instructional Software	50,000	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:	0	1,265,000	0	0

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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.**

(No Response)

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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 expand wireless access, purchase devices for 1:1 student assessment and instruction, replace all teacher workstations and provide parent training opportunities associated with instructional strategies utilizing technology. The District will distribute the annual survey electronically to all parents, students, teachers and administrators using the Brightbytes tool through June 2016. The survey documents that 97% of all homes have wireless access and at least one wireless enabled device. In an effort to improve Anywhere, Anytime Access the District has migrated to Google Applications. All Email and curriculum documents will be moved off of the District network to Gmail and Google Documents before September 15, 2016. Faculty and administrators have had full access since September 8, 2015.

All students grades 3 -12 will be provided with a District Gmail account by September 2016. Elementary students, grades 3-6 will be able to email other students and teachers and secondary students will be able to Email inside or outside the District. The Technology Committee identified parent training as a need during the spring of 2015 to prepare families for instructional strategies employing web based communication and instruction such as flipped learning. The District has informed the public of the findings of the survey, presented the updated Technology Plan and Smart Schools Investment Plan during Board of Education Meeting public sessions in the fall of 2015, and has included the Smart School Act Funding in the 2016-2017 budget.

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.

- Local businesses
- Panera Breads, McDonalds, Starbucks, Jones Insurance,
- Public library
- East Greenbush Public Library and Branches
- Non-profits
- Governmental entities
- Hudson Valley Community College

Instructional Technology Plan - Annually - 2016Instructional 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.**

2015 - 2016: (330) new desktops stations for teachers were installed, all teachers had the opportunity to participate in a vendor fair during Superintendent's Conference Day to become familiar with state of the art hardware, software and instructional strategies utilizing technology. Wireless access is being installed in all school buildings, all faculty, students, administrators and parents have participated in the web based Brightbyte survey during the last year and the Technology Committee has meet on 9 occasions to monitor the progress of the Technology Plan. The 2016-2017 budget was developed to include the following purchases using Smart School Bond Act Funding:

2016 - 2017: 180 new Chromebooks for student use budgeted for purchase, all teachers will participate in peer created and delivered Professional Development during professional development opportunities to become more familiar with current instructional strategies infused with technology. Wireless installation will be completed in the Fall of 2016 in all school buildings, all faculty, students, administrators and parents will again participate in the web based Brightbyte survey to measure the effectiveness of the change efforts and the Technology Committee will meet on 10 occasions to monitor the progress of the Technology Plan. The 2016-2017 budget will include local funding to support Smart School Bond Act Funding, including additional software funding, additional ERate eligible expenditures, large group instruction, interactive displays and additional student end-user devices.

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Monitoring and Evaluation

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J. Monitoring and Evaluation

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

The District will be administering the Brightbytes Survey annually to monitor growth and areas of need. The Northeast Regional Information Center will work in partnership with the Technology Committee to interpret results develop implementation strategies. The district wide Technology Committee comprised of Board of Education Members, administrators, parents, community members and faculty will meet on nine occasions to review district needs related to access, professional development and purchasing.

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

	URL	Year Policy Adopted
Acceptable Use Policy -- AUP	www.egcsd.org/boe/policy_manual/4000/4526.1.pdf	2014
Internet Safety/Cyberbullying*	www.egcsd.org/boe/policy_manual/4000/4526.1.pdf	2014
Parents' Bill of Rights for Data Privacy and Security	www.egcsd.org/district/20140731-parents-bill-of-rights-for-data-privacy-andsecurity.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)