

Instructional Technology Plan - 2016

LEA Information

Page Last Modified: 08/26/2016

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	7,186	236	1,772	1,586	1,534	2,011	47

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

Philip K. Voigt

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

Director of Technology

Instructional Technology Plan - 2016Instructional Technology Vision and Goals

Page Last Modified: 08/24/2016

B. Instructional Technology Vision and Goals**1. Please provide the district mission statement.**

The mission of the Central Islip Public Schools is to enable all students to fulfill their potentials and become responsible, contributing adults able to thrive in a culturally diverse, changing world. In partnership with the entire community, we will provide a quality, educational experience that offers equitable learning opportunities in a safe environment. We will link home, school, and community to ensure a positive, supportive education that fosters student excellence and success.

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

As society continues to move forward in the 21st century, it must become increasingly global, diverse, and technologically fluent. Central Islip envisions an equitable environment where all students have equal access to knowledge through information tools, which will enable them to become life-long learners. Use of technology will expand students' educational opportunities and better prepare them for the ever-changing world. In essence, the use of technology must become natural and common.

Central Islip's administrators, teachers, students and community will work together as a whole in establishing a commitment toward a collaborative technological learning environment. All students and staff will have the ability to access computer technology in the classrooms, library media centers and computer labs, thereby connecting the classroom to a world where access to and synthesis of information become the foundation for success. Through rigorous academic standards, high expectations and a technologically integrated curriculum, the Central Islip School District will develop students who possess the imagination to dream and the ability to determine their future.

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.

Central Islip instructional technology staff, curriculum directors, directors of pupil personnel services, teachers, and school library media specialists participated in the development of the technology plan. Meetings to commence throughout the summer and school year through the monthly district Administrative Council Meetings (Administrators), monthly curriculum council meetings (faculty and principals), monthly/bi-monthly BOE Technology Committee meetings (community, BOE, administrators and faculty) as well as periodic visits to building faculty meetings to address individual building needs. Participation on various Special Ed CSE and department meetings will also provide necessary planning information.

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.

Funding is the only rational causing the gap.

Instructional Technology Plan - 2016

Instructional Technology & Infrastructure Inventory

Page Last Modified: 07/28/2016

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 - < 1 Gbps
- 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?**

Lighttower through Network Outsource

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.**

	Please provide the speed at which classrooms are connected to building wiring/network closet.
Minimum Circuit Speed Within a School Building	<ul style="list-style-type: none"> <input type="checkbox"/> Greater than 10 Gbps

Instructional Technology Plan - 2016

Instructional Technology & Infrastructure Inventory

Page Last Modified: 07/28/2016

	Please provide the speed at which classrooms are connected to building wiring/network closet.
	<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 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	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?

80

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?

	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)	1,896	1,896
Laptops/Virtual Machine (VM)	625	625
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	50	50

Instructional Technology Plan - 2016

Instructional Technology & Infrastructure Inventory

Page Last Modified: 07/28/2016

	Number of devices in use that are less than five years old	How many of these devices are connected to the LAN?
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	256	256
Totals:	2,827	2,827

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)?**

50

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.**

Personal devices, software, assistive voice recognition software.

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

	Number of devices in use
Document Cameras	25
Flat Panel Displays	100
Interactive Projectors	300
Interactive Whiteboards	300
Multi-function Printers	30
Projectors	30
Scanners	5
Other Peripherals	0
Totals:	790

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)?**

No

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

Instructional Technology Plan - 2016

Instructional Technology & Infrastructure Inventory

Page Last Modified: 07/28/2016

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 - 2016

Software and IT Support

Page Last Modified: 07/28/2016

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	Yes
Other	No

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

(No Response)

3. What are the web browsers, both available and supported, for use in the district?

	Web Browsers available and supported for use
Internet Explorer 7	No
Internet Explorer 8	No
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."

(No Response)

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.

None

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

Go Math
 Journeys Learning (Reading)
 Read180
 Math 180
 BrainPop

Instructional Technology Plan - 2016

Software and IT Support

Page Last Modified: 07/28/2016

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

(No Response)

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).

(No Response)

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".

Native IOS/Android App

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
Director	1.00
Technicians	8.00
	9.00

Instructional Technology Plan - 2016Curriculum and Instruction

Page Last Modified: 08/02/2016

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

Provide additional wireless coverage and devices for increased 1:1 options for students as well as additional STEM, Virtual Reality, 3D Printing, Robotics as well as High End Audio Visual technologies and Science Technologies.

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.

Additional 1:1 resources, individual assistive technology and all of the associated assistive software needed to provide the best service to our special needs students. Through additional devices, stronger WiFi, stable network, additional software resources and proper management suites our special needs learners will be provided with any technology as per their IEP, CSE and/or generic needs.

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.

Additional 1:1 resources, individual assistive technology and all of the associated assistive software needed to provide the best service to our special needs students. Through additional devices, stronger WiFi, stable network, additional software resources and proper management suites our special needs learners will be provided with any technology as per their IEP, CSE and/or generic needs.

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**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).**

Additional 1:1 resources, individual assistive technology and all of the associated assistive software needed to provide the best service to our ENL students. Through additional devices, stronger WiFi, stable network, additional software resources and proper management suites our ENL students will be provided with any technology as per their IEP, CSE and/or generic needs.

Instructional Technology Plan - 2016

Professional Development

Page Last Modified: 08/25/2016

F. Professional Development

- 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.**

The Central Islip Professional Development plan calls for a continuous cycle of professional development for all staff. In the area of technology PD will be given to teachers in the area of curriculum presentation with the use of technology. SMART Board integration PD, website development for parental/ student communication, web based curriculum and instruction products such as GO MATH, Star 360 and more will all be addressed. PD will be delivered in various methods. Whole group PD during conference days and faculty meetings, access to BOCES trainings as well as a full time technician who is available to meet with staff for a 1:1 tutorial. PD will also be given to administrators in all of the above area as well as online curriculum development and presentation tools.

- 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
Principals	8.00
Teacher Coaches	8.00
	16.00

Instructional Technology Plan - 2016

Technology Investment Plan

Page Last Modified: 07/28/2016

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.

	Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual or Both?	Funding Sources May choose more than one source
1.	VOIP	400,000	Both	<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 checked="" 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.	Desktops	1,200,000	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.	Wi-Fi	500,000	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
4.	Servers	250,000	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
5.	Interactive Displays/Projectors/Whiteboards	750,000	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

Instructional Technology Plan - 2016

Technology Investment Plan

Page Last Modified: 07/28/2016

	Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual or Both?	Funding Sources May choose more than one source
				<input type="checkbox"/> Instructional Resources Aid <input checked="" type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
Totals:		3,100,000		

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

(No Response)

Instructional Technology Plan - 2016

Status of Technology Initiatives and Community Involvement

Page Last Modified: 07/28/2016

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.**

Increased 1:1 devices for students.

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.**

Verizon Fios
Optimum On-Line
Library

Instructional Technology Plan - 2016

Instructional Technology Plan Implementation

Page Last Modified: 08/17/2016

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.**

Present SSIP to Community at Hearing - August 6, 2016 Board of Education Meeting
Public Hearing (after plan is on the website for 30 days) - October 17, 2016 Board of Education Meeting
Submit SSIP to the SED for Approval - November 1, 2016
Planning to commence after approval

Instructional Technology Plan - 2016

Monitoring and Evaluation

Page Last Modified: 07/28/2016

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.**

Central Islip instructional technology staff, curriculum directors, directors of pupil personnel services, teachers, and school library media specialists will meet to review needs, assessments and monitor the visions and goals as well and review any impacts or implications, throughout the year.

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

	URL	Year Policy Adopted
Acceptable Use Policy -- AUP	http://www.boarddocs.com/ny/cislipps/Board.nsf/Public#tab-policies	2014
Internet Safety/Cyberbullying*	http://www.boarddocs.com/ny/cislipps/Board.nsf/Public#tab-policies	2014
Parents' Bill of Rights for Data Privacy and Security	http://www.boarddocs.com/ny/cislipps/Board.nsf/Public#tab-policies	2014

Instructional Technology Plan - 2016

Survey Feedback

Page Last Modified: 07/28/2016

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)

Instructional Technology Plan - 2016

Appendices

Page Last Modified: 08/17/2016

Appendices

1. Upload additional documentation to support your submission

Technology Plan.pdf