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	619	20	119	136	160	184	0

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

Karen Hinderling

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.**

Director of Technology

B. Instructional Technology Vision and Goals

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

The mission of the Oriskany Central School District is to prepare students to excel in an ever-changing world. We are committed to our tradition of personal attention, positive relationships, and a productive climate for learning.

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

The basis for this document is the New York State Education Department's requirement for a district technology plan. Future funding of technology through the state and federal levels are driven by this plan. Therefore, the Oriskany Central School Technology Committee recommends the implementation of this plan over a period of three years (July 2015 - June 30, 2018) to enhance student learning and achievement through the use of computer based technology.

The Oriskany Central School Technology Plan will serve as a guide to enhance classroom learning experiences and improve student achievement. This being said it is critical that instructional technology is introduced systematically with proper support and professional development. Additionally, the district infrastructure must be able to support the increasing demand on the network.

District goals:
- infrastructure upgrades to current district wireless network to meet the demand of increased mobile technology
- expand upon the use of a Learning Management System to deliver online curriculum and instruction to enhance classroom learning to expose students to new platform as well as provide instant feedback on formative assessments
- expand upon learning opportunities for students in technology (STEM) and provide appropriate equipment and supplies
- professional development will be offered in various modalities to support the successful integration of technology into all grades and subjects
- all students will special needs will be given access to appropriate technology to enhance their learning as per individual IEP's.
- continue the use of the district website as a form of communication with parents and community
- continue to provide instructional technology support to meet the increase in technology equipment and classroom use
- continue to upgrade computer devices for teachers and students to meet the standards of the New York State Edcuation Department and online assessments (STAR)

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 Technology Committee comprised of teachers, support staff, technology support personnel, and administrators (including the Director of Technology), meet monthly to monitor, review, and/or revise the district technology plan. These members evaluate the technology plan and come to consensus on all plans, purchases, professional development offerings, and budgets then make recommendations to the Superintendent of Schools.

The District Technology Committee involved in the creation and revision of the technology plan needed to ensure that the plan:
- aligned with the district mission statement
- made sure that it was part of the school improvement plan
- aimed to improve student learning and achievement to prepare students for college and career

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.**

   1. Equipment needs to be updated

   2. With the implementation of the one-to-one initiative, staff will need to be update on the technology and programs to successfully implement the initative.

   3. More devices needed to be purchased to enable the students to be one to one.

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?**

   Time Warner

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	☐ Greater than 10 Gbps ☐ 10 Gbps ☐ 1 Gbps - < 10Gbps ☑ 100 Mbps- < 1 Gbps ☐ 50 Mbps - < 100 Mbps ☐ 10 Mbps - < 50 Mbps ☐ Less than 10 Mbps
Maximum Capacity	☐ Greater than 10 Gbps ☑ 10 Gbps ☐ 1 Gbps - < 10Gbps ☐ 100 Mbps- < 1 Gbps ☐ 50 Mbps - < 100 Mbps ☐ 10 Mbps - < 50 Mbps ☐ 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	☐ Greater than 10 Gbps ☐ 10 Gbps ☐ 1 Gbps - < 10Gbps

	Please provide the speed at which classrooms are connected to building wiring/network closet.
	☑ 100 Mbps- < 1 Gbps ☐ 50 Mbps - < 100 Mbps ☐ 10 Mbps - < 50 Mbps ☐ Less than 10 Mbps
Maximum Circuit Speed Within a School Building	☐ Greater than 10 Gbps ☑ 10 Gbps ☐ 1 Gbps - < 10Gbps ☐ 100 Mbps- < 1 Gbps ☐ 50 Mbps - < 100 Mbps ☐ 10 Mbps - < 50 Mbps ☐ 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	☐ Mbps ☑ Gbps
Maximum Capacity of Switches	1	☐ Mbps ☑ 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

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)	78	78
Laptops/Virtual Machine (VM)	281	281
Chromebooks	130	130
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	297	297
Totals:	**786**	**786**

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)?**

10

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.**

N/A

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

	Number of devices in use
Document Cameras	27
Flat Panel Displays	2
Interactive Projectors	36
Interactive Whiteboards	60
Multi-function Printers	23
Projectors	0
Scanners	2
Other Peripherals	0
Totals:	**150**

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

Pedometer reader (2)

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

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

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	Yes
Windows 7.0	Yes
Windows 8.0 or greater	No
Apple iOS 7 or greater	Yes
Chrome OS	No
Android	No
Other	No

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

   N/A

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

	Web Browsers available and supported for use
Internet Explorer 7	No
Internet Explorer 8	Yes
Internet Explorer 9 or greater	Yes
Mozilla Firefox	Yes
Google Chrome	Yes
Safari (Apple)	Yes
Other	No

4. **Please provide the name of the web browser if the response to question three included "Other."**

   N/A

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.**

   Brain Honey

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

   Microsoft Office
   STAR Assessments

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

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
Comp Technical Assistant	1.00
	1.00

E. Curriculum and Instruction

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

Oriskany Central School strives to successfully prepare students for college, career, and life. Implementing technology tools for formative assessment, flipped classroom strategies, online projects, technology enhanced collaboration tools, and differentiated instruction will allow teachers to personalize learning, thus preparing students for the rigors of the real world. Teachers will be provided the support and professional development they need to select and use technology to enhance student engagement, learning, and achievement. As the district increases access to technology in the classroom, upgrading the current infrustructure and wi-fi connectivity will ensure those devices can access resources when required. The district Technology Integration Specialist will ensure that teachers and staff will be properly supported through high quality professional development. Through this various types of professional development, teachers will gain the confidence and knowledge of using technology tools and strategies in the classroom. Professional development will be offered through:
• Face to face training
• Online (webex) meetings
• Embedded staff development

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.**

Use technology to provide access to the learning environment and/or general curriculum by providing equipment to address program modifications and accommodations as indicated in Section 504 Plans and Individualized Education Programs (IEPs). All classrooms have interactive whiteboards (SMART Boards) which provide not only visual reinforcement for students with disabilities, but also provide collaboration opportunities. Students also have access to computers in the classroom, as well as the library and computer labs. Cloud based software and resources are also available for real time collaboration with teachers and peers anytime, anywhere. Digital textbooks (ex. Discovery Education social studies and science techbooks) are also accessible from any device and location. Mobile devices, such as the iPad, have text to speech capabilities which also address the needs of students with disabilities.

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.**

Provide Assistive Technology as indicated in Section 504 Plans and Individualized Education Programs (IEPs) special education students have access to computers, interactive whiteboards (SMART Boards), and collaborative software to support their IEPs. Students with more specific needs are provided with the recommended devices. Students placed in outside settings (BOCES) are provided with assistive technology either directly by the district or in collaboration with the regional partners. It would benefit the staff to be better trained on how to identify when technology would enhance student access to the curriculum.

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

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.**

    There will be training in Technology Enhanced Formative Assessments, 21st Century Skills, Teacher Website Design and Development, Active Directory, Gmail, and Google Apps for Education as well as intervention online programs such as Accelerated Math, IXL, Castle Learning and Study Ladder.   Professional Development will be provided Face to Face, Webinar embedded staff development, and instructional coaching.

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 Specialist	0.50
	0.50

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	Wi-Fi	100,000	One Time	☐ BOCES Co-Ser Purchase ☐ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants ☐ Instructional Material Aid ☐ Instructional Resources Aid ☑ Smart Schools Bond Act ☑ Other
2.	Server/Network Software	20,000	Annual	☐ BOCES Co-Ser Purchase ☑ District Operating Budget ☐ District Public Bond ☐ E-Rate ☑ Grants ☐ Instructional Material Aid ☐ Instructional Resources Aid ☐ Smart Schools Bond Act ☐ Other
3.	Network Cabling	100,000	One Time	☐ BOCES Co-Ser Purchase ☐ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants ☐ Instructional Material Aid ☐ Instructional Resources Aid ☑ Smart Schools Bond Act ☑ Other
4.	Other	100,000	One Time	☐ BOCES Co-Ser Purchase ☐ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants ☐ Instructional Material Aid ☐ Instructional Resources Aid ☑ Smart Schools Bond Act ☑ Other
5.	Servers	12,000	One Time	☐ BOCES Co-Ser Purchase ☐ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants ☐ Instructional Material Aid ☐ Instructional Resources Aid ☑ Smart Schools Bond Act

Instructional Technology Plan - Annually - 2016

Technology Investment Plan

	Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual or Both?	Funding Sources May choose more than one source
				☐ Other
Totals:		**332,000**		

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

Other: Capital Project

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.**

   In looking ahead to the next three years, moving toward a Google environment would greatly benefit the student and teacher access to technology both at home and at school. No longer would they be bound by the school walls to access their documents. Moving toward Google Apps for Education would enhance the way students and teachers use technology and share information within and beyond the school community. Another way the district looks an increasing student and teacher access to technology would be to create a 1:1 environment allowing students to be able to work anytime, anywhere. Oriskany has also embraced using the digital textbook (techbook) allowing student access to their curriculum material on any device. The techbook that is used currently is the Discovery Education Science (K-12) and Social Studies (6-8). We would like to increase the accessibility of digital textbooks. Upgrading the current district wide wi-fi infrastructure would provide improved connectivity for students in the classroom, libraries, and common areas. This allows students to have access throughout the school day in any location, not only in the computer lab or classroom. A strong wi-fi network will increase the use of cloud based products in the classroom and give the students access to materials at school and home.

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 business such as Barnes and Noble, Panera Bread, and other like businesses offer free public Wi-Fi. Other places include local public libraries

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.**

Fall 2016 All students in grades 11 and 12 will receive their own device (chromebook).   Students will be encouraged to use their device in all content areas.   The school district is also implementing a Project Based Learning initiative and the technology will be an integral resources for this initiative. Winter 2016 All student in grades 9 and 10 will receive their own device (chromebook).   Students will be encouraged to use their device in all content areas.   The school district is also implementing a Project Based Learning initiative and the technology will be an integral resources for this initiative.

Fall 2017 All students in grades 7 and 8 will receive their own device.   The grade 12 students from Fall 2016 devices will be given to the grade 6 students.   Students will be encouraged to use their device in all content areas.   The school district is also implementing a Project Based Learning initiative and the technology will be an integral resources for this initiative.

2016-17 and 2017-18 As devices become available, grade K-2 students will each have an iPad that will be housed in their classroom, but will be one to one. Grades 3-5 students will be given a laptop for classroom device, but will be one to one.   Students will be encouraged to use their device in all content areas.   The school district is also implementing a Project Based Learning initiative and the technology will be an integral resources for this initiative.

Teachers will be training in Google Classroom and will be encouraged to set up classes for their students for the 2016-17 school year.

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 Committee will review the district plan three times a year to ensure targets are being met and/or adjust the plan as necessary. Subcommittees will address specific action items on an as needed basis. Building principals will provide updates to the Superintendent and Board of Education annually on successes and needs to continue the best opportunities for all students. The plan will be thoroughly reviewed quarterly and updated to react the goals of the technology committee for the life of the technology plan. Specific items include workshop evaluation, review of student progress on state assessments, response to intervention services, reports, and periodic needs assessments. Evaluations for grants and the annual performance review for staff will also provide data for assessing the technology plan.

Summer: Technology Committee review the previous year technology plan and evaluate the current year plan. Make revisions as needed. The needs for professional develpment ar reviewed.

December/January: Review status of current plan implementation, review use of new technology and updates of current technology. Budget and cost analysis is reviewed and updated.

May: Review professional development surveys (given through My Learning Plan), plan next year plan, send recommendations to Superintendent

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

	URL	Year Policy Adopted
Acceptable Use Policy -- AUP	(No Response)	1997
Internet Safety/Cyberbullying*	(No Response)	2003
Parents' Bill of Rights for Data Privacy and Security	(No Response)	2015

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?**

    The questions were adequate.

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

    None

5. **Other comments.**

    None

Appendices

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

(No Response)