Section I - District LEA Information

1. **What is the name of the district administrator responsible for entering the Instructional Technology Plan data?**

   Gary Green

2. **What is the title of the district administrator responsible for entering the Instructional Technology Plan data?**

   Director of Technology

For help with completing the plan, please visit 2018-2021 ITP Resources for Districts, contact your district's RIC, or email edtech@nysed.gov.

Section II - Strategic Technology Planning

1. **What is the overall district mission?**

North Salem's Mission is to engage all students to question, define and solve problems through critical and creative thinking.

2. **What is the vision statement that guides instructional technology use in the district?**

The use of instructional technology is one vehicle that will further empower all learners in the North Salem CSD to question, define, and solve problems through critical and creative thinking.

3. **List three goals that will drive the attainment of the vision.**

	List Goals
Goal 1	By the 2021-22 school year, the North Salem CSD will have a fully articulated K-12 Computer Science Program that follows both a stand-alone pathway as well as an integrated approach culminating with two AP courses AP CSA and AP CSP. The enrollment in these courses will be representative of the diversity of our student body.
Goal 2	Create and implement a K-12 scaffold curriculum of Digital Citizenship and Media Literacy that empowers students to become safe, responsible digital citizens.
Goal 3	Reinforce collaboration in CS and writing as an instructional and learning strategy through the intentional use of digital tools to advance understanding.

4. **Do you want to list a fourth goal that will drive attainment of the vision?**

Yes

   4a. **List Goal #4**

Ensure that all public facing digital content is accessible to individuals with disabilities as defined by the WCAG 2.0 AA rating.

5. **Do you want to list a fifth goal that will drive attainment of the vision?**

Yes

   5a. **List Goal #5**

By June 30, 2019, we will secure all student data housed through third-party vendors in coordination with our Director of Technology and LHRIC services/consultants. We will identify all third-party vendors and determine if they meet mandated requirements for student data protection. We will substitute vendors that do not meet requirements for those that do in order to comply with State law and protect student privacy and security.

6. **Summarize the planning process used to develop answers to the Instructional Technology Plan questions and/or your district comprehensive instructional technology plan. Please include the stakeholder groups participating and the outcomes of the instructional technology plan development meetings.**

North Salem's tech planning process included three groups; a steering committee, stakeholder planning committee, and the district mission committee. The Steering Committee developed a planning process, timeline, feedback process for individuals and groups and reviewed final goals. The Steering Committee solicited input by the Director of Special Services as well as the ELL Coordinator. The Mission Committee was apprised of the work and asked for feedback monthly through the planning process. Each group aligned the outcomes to the district's mission. The committees consisted of Administrators teachers library media specialists, students, and technology specialists from BOCES. The committees met regularly between October 2017 and June 2018.

7. **Please describe the professional development plan for building the capacity of educators and administrators in the attainment of the instructional technology vision.**

The Instructional Technology Plan is a subset of our district's Professional Development Plan for Teaching and Learning. North Salem Central School District Professional Development Team (NSCSD PD) is made up of teachers, support staff and administrators. The NSCSD PD team allocates funds from the yearly BOE budget to fund professional development activities that are in support of the instructional technology vision. In addition our school school district belongs to Model Schools and we receive professional development from the Lower Hudson Information Center (LHRIC) as well as Putnam Westchester BOCES. Both Putnam Westchester BOCES and the LHRIC provide us with specific professional development opportunities for our administrators and staff that is aligned to each one of our goals: Computer Science; Digital Citizenship and Media Literacy; Increased Collaboration through technology; ADA Compliance; and the protection of student privacy and security. In addition to the PD offered through in district expertise, support from the LHRIC and PNW, we are one of four school districts in New York that is working with New York University to articulate a K-12 Computer Science program in our school district.

8. **How will the instructional technology goals be measured and evaluated during and after implementation? Be sure to include any tools or metrics that are part of this evaluation process.**

Each of the goals will have a variety of metrics to measure their progress and effectiveness. North Salem CSD will use the Brightbytes Clarity Teaching and Learning data annually to measure progress on the impact of technology on teaching and learning in the collaboration, computer science, and digital citizenship goals in conjunction with student work and teacher feedback. The privacy and security and ADA compliance goals will be measured by observation of practice, software data from an ADA compliant software, such as Audio Eye, and the LHRIC DPSS service reporting. District technology, central office, and school district administration will solicit feedback in person and use digital surveys relative to the completion and satisfaction of stakeholders throughout the year.

For help with completing the plan, please visit 2018-2021 ITP Resources for Districts, contact your district's RIC, or email edtech@nysed.gov.

Section III - Action Plan

Overview: This section requires specific action steps that will be taken in order to achieve each of the goals presented in Section II of the plan. Each goal will have its own page in the plan. For this page, copy Goal #1, which you listed in Section II, Question 3, and respond to all questions below.

1. **Goal #1**

    By the 2021-22 school year, the North Salem CSD will have a fully articulated K-12 Computer Science Program that follows both a stand-alone pathway as well as an integrated approach culminating with two AP courses AP CSA and AP CSP. The enrollment in these courses will be representative of the diversity of our student body.

2. **Select the NYSED goal that best aligns with this district goal.**

    3. Increase equitable access to high-quality digital resources and standards-based, technology-rich learning experiences

3. **Target Student Population(s). Check all that apply.**

☑ All students	☐ Migrant students
☐ Pre-K-2	☐ Homeless students
☐ Grades 3-5/6	☐ Economically disadvantaged students
☐ Middle School	☐ Students between the ages of 18-21
☐ High School	☐ Students who are targeted for dropout prevention or
☐ Students with Disabilities	credit recovery programs
☐ ELL/MLLs	☐ Other (please identify in Question 3a, below)

4. **List the action steps that correspond to Goal #1 from your answer to Question 1, above.**

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated cost
Action Step 1	Curriculum	Creation of a K-12 Scope and Sequence.	Curriculum and Instruction Leader	N/A	June (06)	2019	3,500
Action Step 2	Professional Dev	Building awareness of CS and PD focused on how teachers can integrate their disciplines into CS.	Curriculum and	N/A	June (06)	2019	5,000

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated cost
	elopment		Instruction Leader				
Action Step 3	Staffing	Hiring two full time CS Teachers to support K-12 CS Instruction.	Curriculum and Instruction Leader	N/A	Sept. (09)	2019	240,000
Action Step 4	Planning	CS Curriculum integration into core disciplines K-5	Curriculum and Instruction Leader	N/A	Sept. (09)	2019	2,500

5.   **This question is optional.**
        If more action steps are needed, continue to list the action steps that correspond to Goal #1 from your answer to
        Question 1, above.

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here.	Anticipated month of completion	Anticipated year of completion	Anticipated cost
Action Step 5	Evaluation	Survey administration and staff on knowledge of Computer Science and ability to integrate into curriculum and instruction.	Curriculum and Instruction Leader	N/A	June (06)	2019	N/A
Action Step 6	Research	Curriculum audit to find areas where CS curriculum and instruction is a good fit with general education curricula.	Curriculum and Instruction Leader	N/A	June (06)	2019	1,500.00
Action Step 7	Collaboration	K-12 representative team of teachers and administrators that collaborate to ensure that CS program is a well articulated learning experience for all students.	Curriculum and Instruction Leader	N/A	June (06)	2020	5,000
Action Step 8	Implementation	Develop K-12 implementation plan	Curriculum and Instruction Leader	N/A	June (06)	2019	N/A

For help with completing the plan, please visit 2018-2021 ITP Resources for Districts, contact your district's RIC, or email edtech@nysed.gov.

Section III - Action Plan

Copy Goal #2, which you listed in Section II, Question 3,and respond to all questions below.

1.   **Goal #2**

Create and implement a K-12 scaffold curriculum of Digital Citizenship and Media Literacy that empowers students to become safe, responsible digital citizens.

2.   **Select the NYSED goal that best aligns with this district goal.**

3. Increase equitable access to high-quality digital resources and standards-based, technology-rich learning experiences

3.   **Target Student Population(s)**

☑ All students	☐ Migrant students
☐ Pre-K-2	☐ Homeless students
☐ Grades 3-5/6	☐ Economically disadvantaged students
☐ Middle School	☐ Students between the ages of 18-21
☐ High School	☐ Students who are targeted for dropout prevention or
☐ Students with Disabilities	credit recovery programs
☐ ELL/MLLs	☐ Other (please identify in Question 3a, below)

4.   **List the action steps that correspond to Goal #2 from your answer to Question 1, above.**

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated cost
Action Step 1	Curriculum	Create initial draft of K-12 scope and sequence	Library Media Specialist	N/A	Jan. (01)	2019	2,500
Action Step 2	Evaluation	Curriculum audit to evaluate where we are and who is doing what (assess current program implementation across the district).	Library Media Specialist	N/A	April (04)	2019	1,500.00
Action Step 3							

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III. Action Plan - Goal 2

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated cost
	Curriculum	Create final draft of K-12 scope and sequence.	Curriculum and Instruction Leader	N/A	Aug. (08)	2019	1,500.00
Action Step 4	Implementation	Draft an implementation plan and verify across buildings	Curriculum and Instruction Leader	N/A	Aug. (08)	2019	1,500.00

5. **This question is optional.**
   If more action steps are needed, continue to list the action steps that correspond to Goal #2 from your answer to Question 1, above.

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you chose "Other" Responsible Stakeholder in the column to the left, please identify here.	Anticipated month of completion	Anticipated year of completion	Anticipated cost
Action Step 5	Communications	Launch the Digital Citizenship program through announcements and website updates.	Library Media Specialist	N/A	Sept. (09)	2019	N/A
Action Step 6	Evaluation	Continuously analyze Brightbytes Clarity data to measure progress and evaluate program efficacy on goal.	Curriculum and Instruction Leader	N/A	June (06)	2021	N/A
Action Step 7	Professional Development	Provide professional development for cohort of teachers in accordance with the implementation plan on how to integrate digital citizenship into their curricula.	Curriculum and Instruction Leader	N/A	June (06)	2021	2,500.00
Action Step 8	Evaluation	Review Clarity data to determine impact of digital citizenship program.	Curriculum and Instruction Leader	N/A	June (06)	2021	N/A

For help with completing the plan, please visit 2018-2021 ITP Resources for Districts, contact your district's RIC, or email edtech@nysed.gov.

Section III - Action Plan

Copy Goal # 3, which you listed in Section II, Question 3, and respond to all questions below.

1.   **Goal #3**

Reinforce collaboration in CS and writing as an instructional and learning strategy through the intentional use of digital tools to advance understanding.

2.   **Select the NYSED goal that best aligns with this district goal.**

1. Develop a strategic vision and goals to support student achievement and engagement through the seamless integration of technology into teaching and learning

3.   **Target Student Population(s)**

☑ All students	☐ Migrant students
☐ Pre-K-2	☐ Homeless students
☐ Grades 3-5/6	☐ Economically disadvantaged students
☐ Middle School	☐ Students between the ages of 18-21
☐ High School	☐ Students who are targeted for dropout prevention or
☐ Students with Disabilities	credit recovery programs
☐ ELL/MLLs	☐ Other (please identify in Question 3a, below)

4.   **List the action steps that correspond to Goal #3 from your answer to Question 1, above.**

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
Action Step 1	Planning	Define collaboration with digital tools in Computer Science and writing.	Curriculum and Instruction Leader	N/A	June (06)	2019	N/A
Action Step 2	Research	Review existing classroom practices and create exemplars on collaboration.	Curriculum and Instr	N/A	June (06)	2019	N/A

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III. Action Plan - Goal 3

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
			uction Leader				
Action Step 3	Research	Identify new tools, spaces, and pedagogical practices appropriate for collaboration with technology.	Other (please identify in next column, to the right)	Building leaders	June (06)	2019	N/A
Action Step 4	Research	Determine the technological requirements needed for implementing a collaboration technology.	Director of Technology	N/A	June (06)	2019	N/A

5.   **This question is optional.**
          If more action steps are needed, continue to list the action steps that correspond to Goal #3 from your answer to Question 1, above.

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here.	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
Action Step 5	Evaluation	Assess current collaboration practices.	Other (please identify in next column, to the right)	Director of Instruction and building leadership	June (06)	2019	N/A
Action Step 6	Planning	Create an implementation plan for integrating collaboration into computer science and writing.	Curriculum and Instruction Leader	N/A	June (06)	2019	3,000
Action Step 7	Evaluation	Execute and evaluate year 1 of the plan by assessing benchmarks reached and through administrative and teacher self-evaluation as well as samples of student work.	Curriculum and Instruction Leader	N/A	June (06)	2020	N/A
Action Step 8	Evaluation	Execute and evaluate year 2 of the plan through administrative and teacher self-evaluation as well as samples of student work.	Curriculum and Instruction	N/A	June (06)	2021	N/A

III. Action Plan - Goal 3

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here.	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
			Leader				

For help with completing the plan, please visit 2018-2021 ITP Resources for Districts, contact your district's RIC, or email edtech@nysed.gov.

Section III - Action Plan

Copy Goal # 4, which you listed in Section II by responding "Yes" to Question 4, and respond to all questions below.

1.   **Goal #4**

Ensure that all public facing digital content is accessible to individuals with disabilities as defined by the WCAG 2.0 AA rating.

2.   **Select the NYSED goal that best aligns with this district goal.**

2. Provide technology-enhanced, culturally- and linguistically-responsive learning environments to support improved teaching and learning

3.   **Target Student Population(s)**

☐ All students	☐ Migrant students
☐ Pre-K-2	☐ Homeless students
☐ Grades 3-5/6	☐ Economically disadvantaged students
☐ Middle School	☐ Students between the ages of 18-21
☐ High School	☐ Students who are targeted for dropout prevention or
☒ Students with Disabilities	credit recovery programs
☐ ELL/MLLs	☐ Other (please identify in Question 3a, below)

4.   **List the action steps that correspond to Goal #4 from your answer to Question 1, above.**

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
Action Step 1	Research	ADA compliant hardware and software	Director of Technology	N/A	Sept. (09)	2018	N/A
Action Step 2	Purchasing	Providers to improve website accessibility.	Curriculum and Instruction Leader	N/A	Sept. (09)	2018	$22,500
Action Step 3							

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
	Purchasing	Purchase ADA compliance checking software or contract with ADA compliance vendor.	Director of Technology	N/A	Sept. (09)	2018	$7,500
Action Step 4	Implementation	Conduct an ADA compliance check on all public facing websites with software or vendor.	Director of Technology	N/A	Oct. (10)	2018	N/A

5.   **This question is optional.**
If more action steps are needed, continue to list the action steps that correspond to Goal #4 from your answer to Question 1, above.

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here.	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
Action Step 5	Implementation	Make a list of all items that the software or vendor has fixed, publish the list and identify areas that the software cannot fix and make manual corrections if possible.	Director of Technology	N/A	Jan. (01)	2019	N/A

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here.	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
Action Step 6	Policy/Protocols	Develop protocols and policy for adding new content to website documents.	Director of Technology	N/A	June (06)	2019	N/A
Action Step 7	Professional Development	Train necessary district and building staff in use of software.	Director of Technology	N/A	June (06)	2019	3,000
Action Step 8	Professional Development	Include ADA compliance in all tech related PD	Director of Technology	N/A	June (06)	2020	3,000

For help with completing the plan, please visit 2018-2021 ITP Resources for Districts, contact your district's RIC, or email edtech@nysed.gov.

Section III - Action Plan

Copy Goal # 5, which you listed in Section II by responding "Yes" to Question 5, and respond to all questions below.

1. **Goal #5**

    By June 30, 2019, we will secure all student data housed through third-party vendors in coordination with our Director of Technology and LHRIC services/consultants. We will identify all third-party vendors and determine if they meet mandated requirements for student data protection. We will substitute vendors that do not meet requirements for those that do in order to comply with State law and protect student privacy and security.

2. **Select the NYSED goal that best aligns with this district goal.**

    4. Design, implement, and sustain a robust, secure network to ensure sufficient, reliable high-speed connectivity for learners, educators, and leaders

3. **Target Student Population(s)**

☑ All students	☐ Migrant students
☐ Pre-K-2	☐ Homeless students
☐ Grades 3-5/6	☐ Economically disadvantaged students
☐ Middle School	☐ Students between the ages of 18-21
☐ High School	☐ Students who are targeted for dropout prevention or
☐ Students with Disabilities	credit recovery programs
☐ ELL/MLLs	☐ Other (please identify in Question 3a, below)

4. **List the action steps that correspond to Goal #5 from your answer to Question 1, above.**

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
Action Step 1	Research	Research all third party vendors used by the district.	Director of Technology	N/A	Sept. (09)	2018	N/A
Action Step 2	Research	Research all applicable privacy and security requirements.	Director of Technology	N/A	Sept. (09)	2018	N/A
Action Step 3							

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III. Action Plan - Goal 5

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
	Purchasing	Purchase LHRIC service which checks vendor security compliance.	Director of Technology	N/A	July (07)	2018	5,000
Action Step 4	Implementation	Conduct a privacy and security check on all third party vendors.	Director of Technology	N/A	Oct. (10)	2018	N/A

5.   **This question is optional.**
If more action steps are needed, continue to list the action steps that correspond to Goal #5 from your answer to Question 1, above.

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here.	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
Action Step 5	Evaluation	Make a list of all third party vendors, publish the list and identify vendors that do not meet mandated requirements.	Director of Technology	N/A	Nov. (11)	2018	N/A

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here.	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
Action Step 6	Data Privacy	Replace vendors that do not meet privacy and security requirements with vendors that offer secure sites	Director of Technology	N/A	June (06)	2019	N/A
Action Step 7	Policy/Protocols	Develop protocols and policy for purchasing services from new third party vendors.	Director of Technology	N/A	June (06)	2019	N/A
Action Step 8	Professional Development	Train all necessary district and building staff in understanding what criteria must be met to establish a partnership with a third party vendor.	Director of Technology	N/A	June (06)	2019	3,000

For help with completing the plan, please visit 2018-2021 ITP Resources for Districts, contact your district's RIC, or email edtech@nysed.gov.

Section IV - NYSED Initiatives Alignment

1. **Explain how the district use of instructional technology will serve as a part of comprehensive and sustained effort to support rigorous academic standards attainment and performance improvement for students.**

   The North Salem CSD incorporates instructional technology throughout its K-12 curriculum and programs to support the district's mission which informs our rigorous academic standards for teaching and learning. Creating 21st century problem solvers through critical and creative thinking requires the thoughtful integration of instructional technology from the equipment necessary to teach weather in kindergarten, to conducting family history research in the 4th grade, to implementing a K-5 MakerSpace at the elementary level. The use of instructional technology at the MSHS further supports students' independence. Instructional technology is used to maximize students' abilities to research, communicate, and collaborate in all content areas.

2. **Students with disabilities may be served through the use of instructional technology as well as assistive technology devices and services to ensure access to and participation in the general curriculum. Describe how instruction is differentiated using technology to support the individualized learning needs of this student group.**

   The district is dedicated to providing educational access through the use of technology for all students. This includes smart boards in every classroom as well as access to chrome books, iPads, and web-based resources. Educational access for students with disabilities is considered at each CSE/504 meeting for those students eligible for services. This access, above and beyond what is available to all students, includes speech to text apps, response technologies, as well as access to an assistive technology consultant for support to students and teachers.

3. **How does the district utilize technology to address the needs of Students with Disabilities to ensure equitable access to instruction, materials, and assessments? Check all that apply.**

   ☐ Class lesson plans, materials, and assignment instructions are available to students and families for 'anytime, anywhere' access (such as through class website or learning management system).

   ☐ Direct instruction is recorded and provided for students to access asynchronously (such as through a learning management system or private online video channel).

   ☑ Technology is used to provide additional ways to access key content, such as providing videos or other visuals to supplement verbal or written instruction or content.

   ☑ Text to speech and/or speech to text software is utilized to provide increased support for comprehension of written or verbal language.

   ☑ Assistive technology is utilized.

   ☑ Technology is used to increase options for students to demonstrate knowledge and skill.

   ☑ Learning games and other interactive software are used to supplement instruction.

   ☐ Other (please identify in Question 3a, below)

4. **Please select the professional development that will be offered to teachers of Students with Disabilities that will enable them to differentiate learning and to increase their student language and content learning with the use of technology. Check all that apply.**

   ☑ Technology to support writers in the elementary classroom

   ☑ Technology to support writers in the secondary classroom

   ☑ Research, writing and technology in a digital world

   ☑ Enhancing children's vocabulary development with technology

   ☑ Reading strategies through technology for students with disabilities

   ☑ Choosing assistive technology for instructional purposes in the special education classroom

   ☑ Using technology to differentiate instruction in the special education classroom

   ☑ Using technology to increase options for students with disabilities to demonstrate their knowledge and skills

   ☑ Multiple ways of assessing student learning through technology

   ☑ Electronic communication and collaboration

   ☑ Promotion of model digital citizenship and responsibility

   ☑ Integrating technology and curriculum across core content areas

   ☑ Helping students with disabilities to connect with the world

   ☐ Other (please identify in Question 4a, below)

5. **How does the district utilize technology to address the needs of English Language Learners/Multilingual Learners to ensure equitable access to instruction, materials, and assessments? Check all that apply.**

☐ Class lesson plans, materials, and assignment instructions are available to students and families for 'anytime, anywhere' access (such as through class website or learning management system)

☐ Direct instruction is recorded and provided for students to access asynchronously (such as through a learning management system or private online video channel).

☑ Technology is used to provide additional ways to access key content, such as providing videos or other visuals to supplement verbal or written instruction or content.

☑ Text to speech and/or speech to text software is utilized to provide increased support for comprehension of written or verbal language.

☑ Home language dictionaries and translation programs are provided through technology.

☐ Hardware that supports ELL/MLL student learning, such as home-language keyboards, translation pens, and/or interactive whiteboards, is utilized.

☑ Technology is used to increase options for students to demonstrate knowledge and skill, such as through the creation of a product or recording of an oral response.

☑ Learning games and other interactive software are used to supplement instruction.

☐ Other (please identify, in Question 5a, below)

6. **The district's instructional technology plan addresses the needs of English Language Learners/Multilingual learners to ensure equitable access to instruction, materials, and assessments in multiple languages.**

No

7. **Please select the professional development that will be offered to teachers of English language learners/multilingual learners that will enable them to differentiate learning and to increase their student language and content learning with the use of technology. Check all that apply.**

☑ Technology to support writers in the elementary classroom

☑ Technology to support writers in the Secondary classroom

☐ Research, writing and technology in a digital word

☑ Writing and technology workshop for teachers

☑ Enhancing Children's Vocabulary Development with technology

☐ Writer's workshop in the Bilingual classroom

☑ Reading strategies for English Language Learners

☐ Moving from learning letters to learning to read

☑ The power of technology to support language acquisition

☐ Using technology to differentiate instruction in the language classroom

☐ Multiple ways of assessing student learning through technology

☐ Electronic communication and collaboration

☑ Promotion and model digital citizenship and responsibility

☑ Integrating technology and curriculum across core content areas

☐ Web authoring tools

☐ Helping students connect with the world

☐ The interactive whiteboard and language learning

☐ Use camera for documentation

☐ Other (please identify in Question 7a, below)

8. **How does the district use instructional technology to facilitate culturally-responsive instruction and learning environments?**

☐ The district uses instructional technology to strengthen relationships and connections with families to assist in building a culturally responsive learning environment to enhance student learning.

☐ The district uses instructional technology to facilitate classroom projects that involve the community.

☑ The district uses instructional technology to develop and organize coherent and relevant units, lessons, and learning tasks that build upon students' cultural backgrounds and experiences.

☐ The district uses instructional technology to assist in varying teaching approaches to accommodate diverse learning styles and language proficiencies.

☑ The district uses instructional technology to enable students to communicate and collaborate with students in different schools or districts in New York State, the United States, or with different countries.

☐ The district uses instructional technology to facilitate collaborative classroom projects among heterogeneous student groups.

☐ The district does not use instructional technology to facilitate culturally responsive instruction.

☐ Other (please identify in Question 8a, below)

IV. NYSED Initiatives Alignment

For help with completing the plan, please visit 2018-2021 ITP Resources for Districts, contact your district's RIC, or email edtech@nysed.gov.

Section V - Administrative Management Plan

1.   **Staff Plan**

	Full-time Equivalent (FTE)
District Technology Leadership	1.00
Instructional support	0.00
Technical Support	2.00
Totals:	**3.00**

2.   **Investment Plan**

	Anticipated Item or Service. Select one per row.	If you chose 'Other' Anticipated Item or Service in the column to the left, please identify here. Otherwise, please write "N/A."	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source. May check more than one source per item.	If you chose 'Other' Potential Funding Source in the column to the left, please identify here. Otherwise, please write "N/A."
1	Staffing	N/A	720,000	Annual	☐ BOCES Co-Ser purchase ☑ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants ☐ Instructional Materials Aid ☐ Instructional Resources Aid ☐ Smart Schools Bond Act ☐ Other (please identify in next column, to the right) ☐ N/A	N/A
2	Professional Development	N/A	26,500	Annual	☐ BOCES Co-Ser purchase ☑ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants ☐ Instructional Materials Aid ☐ Instructional Resources Aid ☐ Smart Schools	N/A

V. Administrative Management Plan

	Anticipated Item or Service. Select one per row.	If you chose 'Other' Anticipated Item or Service in the column to the left, please identify here. Otherwise, please write "N/A."	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source. May check more than one source per item.	If you chose 'Other' Potential Funding Source in the column to the left, please identify here. Otherwise, please write "N/A."
					Bond Act ☐ Other (please identify in next column, to the right) ☐ N/A	
3	N/A	Planning	19,500	Annual	☐ BOCES Co-Ser purchase ☑ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants ☐ Instructional Materials Aid ☐ Instructional Resources Aid ☐ Smart Schools Bond Act ☐ Other (please identify in next column, to the right) ☐ N/A	N/A
4	Instructional and Administrative Software	N/A	179,400	Annual	☑ BOCES Co-Ser purchase ☑ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants ☐ Instructional Materials Aid ☐ Instructional Resources Aid ☐ Smart Schools Bond Act ☐ Other (please identify in next column, to the right) ☐ N/A	N/A
Totals:			**945,400**			

2018-2021 Instructional Technology Plan - Annually - 2018

V. Administrative Management Plan

3. **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 (There are no non-public schools in the district)

4. **Please indicate whether or not the district has a public website.**

   The district has a public website.

   4a. **Provide the URL of the district's public website.**

   http://northsalemschools.org/

5. **Please indicate whether or not the district has assigned a specific person with responsibility for Information Security.**

   Yes

   5a.

   If 'Yes' was selected in Question 5 above, please identify the responsible person's title.

   Director of Technology

6. **Please indicate whether or not the district has assigned a specific person with responsibility for Information Privacy.**

   Yes

   6a. **If 'Yes' was selected in Question 6 above, please identify the responsible person's title.**

   Director of Technology

7. **Has a district-wide information security and/or privacy audit ever been performed in the district?**

   No

8. **Does the school district provide for educating minors about appropriate online behavior, including interacting with other individuals on social networking websites and in chat rooms?**

   Yes

9. **Does the school district provide for educating minors about cyberbullying awareness and response?**

   Yes

10. **Does the district have an Internet Safety Policy?**

    Yes, and I will provide the URL to the policy.

    10b. **Please provide the URL to the district's Internet Safety Policy.**

    http://northsalemschools.org/Assets/MSHS/082415_Code_of_Conduct-reduced.pdf?t=635760109602400000

11. **Does the district have a Cyberbullying Policy?**

    Yes, and I will provide the URL to the policy.

    11b. **Please provide the URL to the district's Cyberbullying Policy.**

    http://northsalemschools.org/Assets/MSHS/082415_Code_of_Conduct-reduced.pdf?t=635760109602400000

12. **Does the district have a Parents' Bill of Rights for Data Privacy and Security?**

    Yes, and I will provide the URL to the Parents' Bill of Rights for Data Privacy and Security.

    12a. **What year was the Parents' Bill of Rights for Data Privacy and Security policy first posted?**

    2014

12b. **Please provide the URL to the district's Parents' Bill of Rights for Data Privacy and Security.**

http://northsalemschools.org/Assets/District_Documents/091914_Parents_Bill_of_Rights_-_091514.pdf

13. **Does the district have an information breach policy that addresses the district's planned response to an information breach?**

Yes, and I will upload the policy.

13a. **Please upload the policy that addresses the district's planned response to an information breach.**

Policy-8630 Technology Resource Data Mgmt.pdf

14. **Provide a direct link to the district's technology plan as posted on the district's website.**

http://northsalemschools.org/Assets/District_Documents/111715_Digital_Learning_Plan.pdf?t=635833679050900000

For help with completing the plan, please visit 2018-2021 ITP Resources for Districts, contact your district's RIC, or email edtech@nysed.gov.

Sharing Innovative Educational Technology Programs

1. **Please choose one or more topics that reflect an innovative educational technology program that has been implemented for at least two years at a building or district level. Use 'Other' to share a category that is not on the list.**

☑ Active Learning Spaces/Makerspaces	☐ Policy, Planning, and Leadership
☐ Culturally Responsive Instruction with Technology	☐ Privacy and Security
☐ Device Planning and Implementation (1:1; BYOD)	☐ Professional Learning
☐ Digital Citizenship	☐ Project-based Learning
☐ Infrastructure	☐ Other Topic A
☐ OER and Digital Curriculum	☐ Other Topic B
☐ Personalized Learning	☐ Other Topic C
☐ Pilots and Proof of Concept	

2. **Provide the name, title, and e-mail of the person to be contacted in order to obtain more information about the innovative program(s) at your district.**

	Name of Contact person	Title	E-mail address	Innovative Programs. Check all that apply.
Please complete all columns.	Julio Vazquez	Director of Instruction and Human Resources	JVAZQUEZ@NORTHSALEMSCHOOLS.ORG	☑ Active Learning Spaces/Makerspaces ☐ Culturally Responsive Instruction with Technology ☐ Device Planning and Implementation (1:1, BYOD) ☐ Digital Citizenship ☐ Infrastructure ☐ OER and Digital Curriculum ☐ Personalized Learning ☐ Pilots and Proof of Concept ☐ Policy, Planning, and Leadership ☐ Privacy and Security ☐ Professional Learning ☐ Project-based Learning ☐ Other Topic A ☐ Other Topic B ☐ Other Topic C

3. **If you want to list multiple contact points for the innovative programs above, please provide the names, titles, and e-mail addresses of the people to be contacted in order to obtain more information about the innovative program(s) at your district.**

	Name of Contact person	**Title**	**E-mail address**	**Innovative Programs. Check all that apply for each contact name.**
Please complete all columns	(No Response)	(No Response)	(No Response)	☐ Active Learning Spaces/Makers paces ☐ Culturally Responsive Instruction with Technology ☐ Device Planning and Implementation (1:1, BYOD) ☐ Digital Citizenship ☐ Infrastructure ☐ OER and Digital Curriculum ☐ Personalized Learning ☐ Pilots and Proof of Concept ☐ Policy, Planning, and Leadership ☐ Privacy and Security ☐ Professional Learning ☐ Project-based Learning ☐ Other Topic A ☐ Other Topic B ☐ Other Topic C
Please complete all columns	(No Response)	(No Response)	(No Response)	☐ Active Learning Spaces/Makers paces ☐ Culturally Responsive Instruction with Technology ☐ Device Planning and Implementation (1:1, BYOD) ☐ Digital Citizenship ☐ Infrastructure ☐ OER and Digital Curriculum ☐ Personalized Learning

	Name of Contact person	**Title**	**E-mail address**	**Innovative Programs. Check all that apply for each contact name.**
				☐ Pilots and Proof of Concept ☐ Policy, Planning, and Leadership ☐ Privacy and Security ☐ Professional Learning ☐ Project-based Learning ☐ Other Topic A ☐ Other Topic B ☐ Other Topic C
Please complete all columns	(No Response)	(No Response)	(No Response)	☐ Active Learning Spaces/Makers paces ☐ Culturally Responsive Instruction with Technology ☐ Device Planning and Implementation (1:1, BYOD) ☐ Digital Citizenship ☐ Infrastructure ☐ OER and Digital Curriculum ☐ Personalized Learning ☐ Pilots and Proof of Concept ☐ Policy, Planning, and Leadership ☐ Privacy and Security ☐ Professional Learning ☐ Project-based Learning ☐ Other Topic A ☐ Other Topic B ☐ Other Topic C
Please complete all columns	(No Response)	(No Response)	(No Response)	☐ Active Learning Spaces/Makers paces ☐ Culturally Responsive

	Name of Contact person	**Title**	**E-mail address**	**Innovative Programs. Check all that apply for each contact name.**
				Instruction with Technology ☐ Device Planning and Implementation (1:1, BYOD) ☐ Digital Citizenship ☐ Infrastructure ☐ OER and Digital Curriculum ☐ Personalized Learning ☐ Pilots and Proof of Concept ☐ Policy, Planning, and Leadership ☐ Privacy and Security ☐ Professional Learning ☐ Project-based Learning ☐ Other Topic A ☐ Other Topic B ☐ Other Topic C
Please complete all columns	(No Response)	(No Response)	(No Response)	☐ Active Learning Spaces/Makers paces ☐ Culturally Responsive Instruction with Technology ☐ Device Planning and Implementation (1:1, BYOD) ☐ Digital Citizenship ☐ Infrastructure ☐ OER and Digital Curriculum ☐ Personalized Learning ☐ Pilots and Proof of Concept ☐ Policy, Planning, and Leadership ☐ Privacy and

	Name of Contact person	**Title**	**E-mail address**	**Innovative Programs. Check all that apply for each contact name.**
				Security ☐ Professional Learning ☐ Project-based Learning ☐ Other Topic A ☐ Other Topic B ☐ Other Topic C

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