

2022-2025 Instructional Technology Plan - 2021**I. District LEA Information**

Page Last Modified: 01/14/2022

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

Brian Dunn

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

Superintendent

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2022-2025 Instructional Technology Plan - 2021**II. Strategic Technology Planning**

Page Last Modified: 04/01/2022

1. What is the overall district mission?

It is the mission of the Middleburgh Central School District to be a productive and responsible learning community, where all are inspired to achieve excellence.

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

Instructional Technology will connect students, staff, and the community to transformational learning experiences in an innovative environment.

3. 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.

The Middleburgh Instructional Technology committee meets monthly, September through May. During these meetings, the committee addresses concerns about student performance gaps, increasing student proficiency rates on standardized assessments, and maximizing state and local aid for technology purchases. The concerns addressed in these meetings are used to guide Professional Learning in the district throughout the year.

Stakeholder groups that work on this plan are teachers, library media specialists, district administration, educational technology specialists, and IT staff.

4. How does the district's Instructional Technology Plan build upon, continue the work of, and improve upon the previous three-year plan?

The 2018-2021 Instructional Technology Plan focused on learning to use Microsoft 365, adding video conferencing software, and personalized learning/ credit recovery. Since the adoption of this original plan, Middleburgh has strengthened its commitment to cloud-based resources by adding The Google Workspace to the repertoire of tools teachers and students can use to address student learning needs. All teachers have gained competency with video conferencing allowing them to engage and provide instruction to students unable to physically attend school.

As a result of the pandemic individualized learning opportunities have expanded at Middleburgh. In addition to traditional classes, students have the option of independent study, credit recovery, distance learning, and GradPoint class offerings.

Building off the monthly Early Release Day structure outlined in the last technology plan, teachers are able to request training that is responsive to their classroom needs. Additionally, district-provided trainings are provided at monthly intervals which allows the Middleburgh to address needs as they arise.

5. How does the district Instructional Technology Plan reflect experiences during the COVID pandemic?

The district reflects lessons learned from COVID by investing in individualized learning to help combat the learning loss seen in the pandemic. This has been done by purchasing new Dell Latitude Laptops for students. This allows each child enrolled in the district to have a device dedicated to them, without the need to share. Teachers have been supported in utilizing digital resources with summer professional development, after-school training, and technology training during district training days, both in-person and virtually. In turn, teachers are providing instruction to students not only on their academic content but also are embedding technology use in their classes to increase student computer proficiency and increase student engagement.

As a rural district connectivity at home continues to be an issue for many families and community members. The district purchased and distributed Kajeet SmartSpots, but due to spotty cell phone coverage throughout the district they did not work for many families. As a

2022-2025 Instructional Technology Plan - 2021**II. Strategic Technology Planning**

Page Last Modified: 04/01/2022

result, the district is working with local communication companies to increase the availability of broadband connections in these remote areas.

6. Is your district currently fully 1:1?

No

6B. What are your plans to become a fully 1:1 District? (Covers all grades K-12 as applicable)

Middleburgh CSD has enough laptops that each student (K-12) has their own dedicated laptop at school. However, due to connectivity issues in the community K-6 devices are not sent home with students.

6C. When will the District become fully 1:1?

Year 2026 or beyond

7. Please describe the professional development plan for building the capacity of educators and administrators in the attainment of the instructional technology vision as stated in response to question 2.

Middleburgh's Professional Learning (PL) Committee is dedicated to meeting teachers where their abilities are and addressing their unique needs. The PL Committee looks for guidance and feedback from teachers and paraprofessionals when planning after-school technology training sessions, monthly training for Early Release Days, and Staff Development Days. Additionally, teachers and staff are encouraged to work individually with the Educational Technology Specialist for individual or pressing concerns.

The effectiveness of this plan will be monitored using multiple measures utilized by the district. These sources include, but are not limited to NYSCATE conference attendance, PD management platform surveys, student surveys, and classroom observations that demonstrate technology integration.

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2022-2025 Instructional Technology Plan - 2021**III. Goal Attainment**

Page Last Modified: 03/28/2022

Overview: In this new section, the District is asked to outline the extent to which they have achieved, at the local level, goals put forth in the 2010 Statewide Learning Technology Plan.

1. Digital Content – The District uses standards-based, accessible digital content that supports all curricula for all learners.

The district has met this goal:Significantly

2. Digital Use – The District's learners, teachers, and administrators are proficient in the use of technology for learning.

The district has met this goal:Significantly

3. Digital Capacity and Access – The District's technology infrastructure supports learning and teaching in all of the District's environments.

The district has met this goal:Fully

4. Leadership – The District Instructional Technology Plan is in alignment with the Statewide Learning Technology Plan vision.

The district has met this goal:Significantly

5. Accountability – District-level information is posted on the District website, is easy to access, and is easily understood. Information provided includes the results achieved by the District in their efforts to enable students to build knowledge, master skills, and grasp opportunities for a better life.

The district has met this goal:Significantly

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2022-2025 Instructional Technology Plan - 2021**IV. Action Plan - Goal 1**

Page Last Modified: 06/27/2022

1. Enter Goal 1 below:

Middleburgh will incorporate Digital Literacy content into the 5th and 6th-grade student curriculum by June 2023.

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

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). Check all that apply.

<input type="checkbox"/> All students	<input type="checkbox"/> Economically disadvantaged students
<input type="checkbox"/> Early Learning (Pre-K -3)	<input type="checkbox"/> Students between the ages of 18-21
<input checked="" type="checkbox"/> Elementary/intermediate	<input type="checkbox"/> Students who are targeted for dropout prevention or credit recovery programs
<input type="checkbox"/> Middle School	<input type="checkbox"/> Students who do not have adequate access to computing devices and/or high-speed internet at their places of residence
<input type="checkbox"/> High School	<input type="checkbox"/> Students who do not have internet access at their place of residence
<input type="checkbox"/> Students with Disabilities	<input type="checkbox"/> Students in foster care
<input type="checkbox"/> English Language Learners	<input type="checkbox"/> Students in juvenile justice system settings
<input type="checkbox"/> Students who are migratory or seasonal farmworkers, or children of such workers	<input type="checkbox"/> Vulnerable populations/vulnerable students
<input type="checkbox"/> Students experiencing homelessness and/or housing insecurity	<input type="checkbox"/> Other (please identify in Question 3a, below)

4. Additional Target Population(s). Check all that apply.

<input checked="" type="checkbox"/> Teachers/Teacher Aides
<input type="checkbox"/> Administrators
<input checked="" type="checkbox"/> Parents/Guardians/Families/School Community
<input type="checkbox"/> Technology Integration Specialists
<input type="checkbox"/> Other

5. How will this instructional technology goal be measured and evaluated during and after implementation? Be sure to include any tools and/or metrics that are part of this evaluation process. Examples might be formative data, local, state, and/or national LEA benchmarks, metrics from instructional software, other technology evaluation programs, etc.

Incorporating a Digital Literacy curriculum will be measured by student enrollment in these courses, with a goal of 100% participation. This data will be collected using the district student information system (SchoolTool). Local assessments will collect student benchmark data and use it to evaluate the effectiveness of the curriculum.

The goal will be accomplished with 100% student participation in the courses and 75% of the students demonstrating mastery of the content on local assessments.

6. List the action steps that correspond to Goal #1 from your answer to Question 1, above. All cells in the table must be populated. If you have less than four action steps for this goal, you must enter N/A into columns two, three,

2022-2025 Instructional Technology Plan - 2021**IV. Action Plan - Goal 1**

Page Last Modified: 06/27/2022

four, five, and seven, and choose June 30, 2021 in the date column for all unneeded rows in the table.

	Action Step	Action Step - Description	Responsible Stakeholder:	'Other' Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
Action Step 1	Planning	Decide what topics to cover in the curriculum. Identify which classes will incorporate these topics and identify which teachers will be responsible for teaching this.	Superintendent	N/A	07/29/2022	\$0
Action Step 2	Curriculum	Identify or make resources that can be used within the classroom.	Building Principal	N/A	08/31/2022	\$2400
Action Step 3	Implementation	Rolling out lessons within the school year.	Classroom Teacher	N/A	06/30/2023	\$0
Action Step 4	Professional Development	Collect data and implement professional development to improve curriculum.	Instructional/PD Coach	N/A	07/31/2023	\$2500

7. 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	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
Action Step 5	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 6	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 7	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

2022-2025 Instructional Technology Plan - 2021**IV. Action Plan - Goal 1**

Page Last Modified: 06/27/2022

	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
					nse)	
Action Step 8	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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2022-2025 Instructional Technology Plan - 2021**IV. Action Plan - Goal 2**

Page Last Modified: 06/27/2022

1. Enter Goal 2 below:

To increase cyber security at Middleburgh the district will provide additional training to staff, utilizing Mimecast in the 2022-2023 school year.

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

Provide access to relevant and rigorous professional development to ensure educators and leaders are proficient in the integration of learning technologies

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

<input checked="" type="checkbox"/> All students	<input type="checkbox"/> Economically disadvantaged students
<input type="checkbox"/> Early Learning (Pre-K -3)	<input type="checkbox"/> Students between the ages of 18-21
<input type="checkbox"/> Elementary/intermediate	<input type="checkbox"/> Students who are targeted for dropout prevention or credit recovery programs
<input type="checkbox"/> Middle School	<input type="checkbox"/> Students who do not have adequate access to computing devices and/or high-speed internet at their places of residence
<input type="checkbox"/> High School	<input type="checkbox"/> Students who do not have internet access at their place of residence
<input type="checkbox"/> Students with Disabilities	<input type="checkbox"/> Students in foster care
<input type="checkbox"/> English Language Learners	<input type="checkbox"/> Students in juvenile justice system settings
<input type="checkbox"/> Students who are migratory or seasonal farmworkers, or children of such workers	<input type="checkbox"/> Vulnerable populations/vulnerable students
<input type="checkbox"/> Students experiencing homelessness and/or housing insecurity	<input type="checkbox"/> Other (please identify in Question 3a, below)

4. Additional Target Population(s). Check all that apply.

<input checked="" type="checkbox"/> Teachers/Teacher Aides
<input checked="" type="checkbox"/> Administrators
<input type="checkbox"/> Parents/Guardians/Families/School Community
<input checked="" type="checkbox"/> Technology Integration Specialists
<input checked="" type="checkbox"/> Other

5. How will this instructional technology goal be measured and evaluated during and after implementation? Be sure to include any tools and/or metrics that are part of this evaluation process. Examples might be formative data, local, state, and/or national LEA benchmarks, metrics from instructional software, other technology evaluation programs, etc.

Staff will watch monthly videos that provide instruction on topics of cyber security produced by Mimecast. Afterward, staff members will answer the embedded question(s) about the content to check for understanding. From the Mimecast administrative dashboard, the results of these benchmark assessments can be viewed and identify which individuals need more instruction on specific topics. Additional data will be available after periodic phishing campaigns, which are carried out during the school year. This goal will be accomplished if the number of staff that erroneously click on the email from the phishing campaign decreases between the first and last phishing campaign during the 2022-2023 school year.

2022-2025 Instructional Technology Plan - 2021**IV. Action Plan - Goal 2**

Page Last Modified: 06/27/2022

6. List the action steps that correspond to Goal #2 from your answer to Question 1, above. All cells in the table must be populated. If you have less than four action steps for this goal, you must enter N/A into columns two, three, four, five, and seven, and choose June 30, 2021 in the date column for all unneeded rows in the table.

	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
Action Step 1	Professional Development	Provide Professional Development using Mimecast.	Other (please identify in Column 5)	BOCES Affiliate/Associate	09/30/2022	\$1,620.00
Action Step 2	Evaluation	Review the user proficiency data.	Instructional Technology Coach	N/A	11/30/2022	\$0
Action Step 3	Professional Development	Provide additional Professional Development using Mimecast to staff that need it.	Other (please identify in Column 5)	BOCES Affiliate/Associate	02/28/2023	\$0
Action Step 4	Evaluation	Review the updated user proficiency data.	Instructional/PD Coach	N/A	05/27/2023	\$0

7. 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	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
Action Step 5	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 6	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 7	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

2022-2025 Instructional Technology Plan - 2021**IV. Action Plan - Goal 2**

Page Last Modified: 06/27/2022

	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
Action Step 8	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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2022-2025 Instructional Technology Plan - 2021**IV. Action Plan - Goal 3**

Page Last Modified: 06/27/2022

1. Enter Goal 3 below:

To support access to materials in-district and remotely Middleburgh will increase the use of cloud base storage (reflected as a 25% increase from July 1, 2022, to December 31, 2024).

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

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

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

<input checked="" type="checkbox"/> All students	<input type="checkbox"/> Economically disadvantaged students
<input type="checkbox"/> Early Learning (Pre-K -3)	<input type="checkbox"/> Students between the ages of 18-21
<input type="checkbox"/> Elementary/intermediate	<input type="checkbox"/> Students who are targeted for dropout prevention or credit recovery programs
<input type="checkbox"/> Middle School	<input type="checkbox"/> Students who do not have adequate access to computing devices and/or high-speed internet at their places of residence
<input type="checkbox"/> High School	<input type="checkbox"/> Students who do not have internet access at their place of residence
<input type="checkbox"/> Students with Disabilities	<input type="checkbox"/> Students in foster care
<input type="checkbox"/> English Language Learners	<input type="checkbox"/> Students in juvenile justice system settings
<input type="checkbox"/> Students who are migratory or seasonal farmworkers, or children of such workers	<input type="checkbox"/> Vulnerable populations/vulnerable students
<input type="checkbox"/> Students experiencing homelessness and/or housing insecurity	<input type="checkbox"/> Other (please identify in Question 3a, below)

4. Additional Target Population(s). Check all that apply.

<input checked="" type="checkbox"/> Teachers/Teacher Aides
<input checked="" type="checkbox"/> Administrators
<input checked="" type="checkbox"/> Parents/Guardians/Families/School Community
<input checked="" type="checkbox"/> Technology Integration Specialists
<input type="checkbox"/> Other

5. How will this instructional technology goal be measured and evaluated during and after implementation? Be sure to include any tools and/or metrics that are part of this evaluation process. Examples might be formative data, local, state, and/or national LEA benchmarks, metrics from instructional software, other technology evaluation programs, etc.

Moving to cloud-based storage will be measured by:

- increase the amount of online storage by 25% using Microsoft OneDrive/ Google Drive space from July 1, 2022 to June 30, 2024
- the number of teachers using Learning management systems (Seesaw or Google Classroom, depending on grade level) to share assignments and content.
- the number of paper student records converted to digital cloud files via scanning.

This goal will be evaluated by periodic reports of cloud space used. If the district shows a 25% increase in cloud storage by December 31, 2024 the district accomplished this goal.

2022-2025 Instructional Technology Plan - 2021**IV. Action Plan - Goal 3**

Page Last Modified: 06/27/2022

6. List the action steps that correspond to Goal #3 from your answer to Question 1, above. All cells in the table must be populated. If you have less than four action steps for this goal, you must enter N/A into columns two, three, four, five, and seven, and choose June 30, 2021 in the date column for all unneeded rows in the table.

	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
Action Step 1	Planning	Planning strategies to moved towards digital content.	Superintendent	N/A	07/29/2022	\$0
Action Step 2	Budgeting	Budgeting for the software tools necessary and professional development.	Business Official	N/A	08/12/2022	\$10000
Action Step 3	Professional Development	Provide training on how to move content to the cloud and share media to families.	Instructional Technology Coach	N/A	08/31/2022	\$2500
Action Step 4	Implementation	Teachers move their content into the cloud.	Classroom Teacher	N/A	06/30/2023	\$0

7. 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	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
Action Step 5	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 6	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 7	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 8	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

2022-2025 Instructional Technology Plan - 2021**IV. Action Plan - Goal 3**

Page Last Modified: 06/27/2022

	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost

8. Would you like to list a fourth goal?

No

For help with completing the plan, please visit 2022-2025 ITP Resources for Districts on our website, contact your district's RIC, or email edtech@nysed.gov.

2022-2025 Instructional Technology Plan - 2021**V. NYSED Initiatives Alignment**

Page Last Modified: 04/01/2022

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

Integrated Instructional Technology will allow students to engage and develop 21st Century Skills in multiple and varied ways. The plan seeks to transform our pedagogy from a one-size-fits-all, teacher-centered model to a student-centered, whole child and individual approach that privileges and fosters collaboration and critical thinking.

Teachers can access a variety of tools to enhance their lessons and gauge students' understanding in real-time (Castle Learning, Pear Deck, Google Classroom, IXL, Seesaw, etc.). Students are given choices within assignments to demonstrate their understanding of content. Allowing students to demonstrate understanding and mastery of content through choice allows students to use their strengths while demonstrating proficiency most suitable for their unique learning style.

2. Explain the strategies the district plans to implement to address the need to provide equitable learning "everywhere, all the time" (National Technology Plan). Include both short and long-term solutions, such as device access, internet access, human capacity, infrastructure, partnerships, etc.

Middleburgh CSD has shifted to cloud-based platforms to ensure that classroom materials are available at all times. Students 7-12 have individual devices assigned to them that they can take home. K-6 students have 1:1 devices within the classroom, and upon parent request, students can bring their devices home. In addition, the district is utilizing ClassLink as a single sign-on platform to help students securely access programs that require a log-in for both in school and at home ease of access.

As a rural district, Middleburgh still has issues with connectivity in remote locations within our district. Hot spots were not successful in bringing the internet to these locations due to a lack of cell phone coverage. To increase access to the internet we are working with local communication companies to increase broadband access in these remote locations.

3. 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 education curriculum.

Describe how instruction using technology is differentiated to support the individual learning needs of students with disabilities.

Students with disabilities are provided with Assistive Technology tools to enhance their 1:1 device and help increase their independence, while still providing classroom individualized support. Case Managers and Special Education Teachers work with the Educational Technology Specialist on an individual basis to ensure that students with IEPs or 504s have the tools on their devices to meet the accommodations required within their IEPs or 504s to help them succeed in their Education. Some examples of technology and applications are: speech to text, reading text aloud, word prediction, built-in dictionary (talking and picture), voice notes, highlighters, and tools to collect highlights and make an outline.

The goal is to increase student independence while still providing required support. Should changes to IEPs or 504s take place during the year the required technology sites/ application will be modified during the year. General education teachers are provided with training to understand how to use these tools and prompt students when to use them.

4. How does the district utilize technology to address the needs of students with disabilities to ensure equitable access to instruction, materials, and assessments? Please check all that apply from the provided options and/or check 'Other' for options not available on the list.

- Class lesson plans, materials, and assignment instructions are available to students and families for "anytime, anywhere" access (such as through a class website or learning management system).
- Direct instruction is recorded and provided for students to access asynchronously (such as through a learning management system

2022-2025 Instructional Technology Plan - 2021**V. NYSED Initiatives Alignment**

Page Last Modified: 04/01/2022

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 4a, below)

5. 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 student language and content learning through the use of technology. Please check all that apply from the provided options and/or check 'Other' for options not available on the list.

<input checked="" type="checkbox"/> Technology to support writers in the elementary classroom	<input type="checkbox"/> Using technology as a way for students with disabilities to demonstrate their knowledge and skills
<input checked="" type="checkbox"/> Technology to support writers in the secondary classroom	<input type="checkbox"/> Multiple ways of assessing student learning through technology
<input checked="" type="checkbox"/> Research, writing and technology in a digital world	<input checked="" type="checkbox"/> Electronic communication and collaboration
<input checked="" type="checkbox"/> Enhancing children's vocabulary development with technology	<input checked="" type="checkbox"/> Promotion of model digital citizenship and responsibility
<input type="checkbox"/> Reading strategies through technology for students with disabilities	<input checked="" type="checkbox"/> Integrating technology and curriculum across core content areas
<input checked="" type="checkbox"/> Choosing assistive technology for instructional purposes in the special education classroom	<input type="checkbox"/> Helping students with disabilities to connect with the world
<input type="checkbox"/> Using technology to differentiate instruction in the special education classroom	<input type="checkbox"/> Other (please identify in Question 5a, below)

6. How does the district utilize technology to address the needs of English Language Learners to ensure equitable access to instruction, materials, and assessments? Please check all that apply from the provided options and/or check 'Other' for options not available on the list.

- 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.

2022-2025 Instructional Technology Plan - 2021**V. NYSED Initiatives Alignment**

Page Last Modified: 04/01/2022

- Home language dictionaries and translation programs are provided through technology.
- Hardware that supports ELL 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 6a, below)

7. The district's Instructional Technology Plan addresses the needs of English Language Learners to ensure equitable access to instruction, materials, and assessments in multiple languages.

No

8. **Please select the professional development that will be offered to teachers of English Language Learners that will enable them to differentiate learning and to increase their student language development and content learning with the use of technology. Please check all that apply from the provided options and/or check 'Other' for options not available on the list.**

- Technology to support writers in the elementary classroom
- Technology to support writers in the secondary classroom
- Research, writing and technology in a digital world
- 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 of 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 8a, below)

9. **How does the district utilize technology to address the needs of students experiencing homelessness and/or housing insecurity to ensure equitable access to instruction and learning? Please check all that apply from the provided options and/or check 'Other' for options not available on the list.**

<input type="checkbox"/> McKinney-Vento information is prominently	<input checked="" type="checkbox"/> Provide students a way to protect and charge any devices	<input checked="" type="checkbox"/> Conduct regular educational check-ins with all students
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2022-2025 Instructional Technology Plan - 2021**V. NYSED Initiatives Alignment**

Page Last Modified: 04/01/2022

located on individual school websites, as well as the district website.	they are provided/with/by the district.	experiencing homelessness and/or housing insecurity and secure any help needed to keep up with course work.
<input type="checkbox"/> If available, online/enrollment is easily accessible, written in an understandable manner, available in multiple languages and accessible from a phone.	<input type="checkbox"/> Replace devices that are damaged or stolen/as needed.	<input type="checkbox"/> Adjust assignments/to be completed successfully using/only/the/resources students have available./
<input checked="" type="checkbox"/> Offer/phone/enrollment as an alternative to/in-person/enrollment.	<input checked="" type="checkbox"/> Assess readiness-to-use technology/skills/before disseminating devices to students experiencing homelessness and/or housing insecurity.	<input type="checkbox"/> Provide online mentoring programs.
<input checked="" type="checkbox"/> Set enrollment forms to automatically provide the McKinney-Vento liaison with contact information for students who indicate possible homelessness and/or housing insecurity	<input checked="" type="checkbox"/> Create individualized plans for providing access to technology and internet on a case-by-case basis for any student experiencing homelessness and/or housing insecurity.	<input checked="" type="checkbox"/> Create in-person and web-based tutoring/programs/spaces/and/or live chats/to assist with assignments and technology/issues.
<input type="checkbox"/> Create a survey to obtain information/about students' living situations,/contact information,/access to internet and devices for/all/students in/the/enrollment processes/so the district can/communicate effectively and/evaluate their needs.	<input checked="" type="checkbox"/> Have/resources/available to/get/families and students step-by-step instructions on how to/set-up and/use/their districts Learning Management System or website.	<input checked="" type="checkbox"/> Offer a technology/support hotline during flexible hours.
<input type="checkbox"/> Create simple videos in multiple languages, and with subtitles, that explain McKinney-Vento rights and services, identify the McKinney-Vento liaison, and clarify enrollment instructions.	<input checked="" type="checkbox"/> Class lesson plans, materials, and assignment instructions are available to students and families for	<input type="checkbox"/> Make sure technology/support is offered in multiple languages.
<input type="checkbox"/> Create mobile enrollment stations by equipping buses with laptops, internet, and staff at peak enrollment periods.	<input type="checkbox"/> Direct instruction is recorded and provided for students to access asynchronously (such as through a learning management system, DVD,/ or private online video channel)./ <input type="checkbox"/> Technology is used to provide additional ways to access key content, such as providing videos or other visuals to supplement verbal or	<input type="checkbox"/> Other (Please identify in Question 9a, below)

2022-2025 Instructional Technology Plan - 2021**V. NYSED Initiatives Alignment**

Page Last Modified: 04/01/2022

written instruction or content.

Provide/students/experiencing homelessness/and/or housing insecurity with tablets or laptops, mobile hotspots, prepaid cell phones, and other devices and connectivity.

10. How does the district use instructional technology to facilitate culturally responsive instruction and learning environments? Please check all that apply from the provided options and/or check 'Other' for options not available on the list.

- a) 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.
- b) The district uses instructional technology to facilitate classroom projects that involve the community.
- c) 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.
- d) The district uses instructional technology to assist in varying teaching approaches to accommodate diverse learning styles and language proficiencies.
- e) 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.
- f) The district uses instructional technology to facilitate collaborative classroom projects among heterogeneous student groups.
- g) Other (please identify in Question 10a, below)

For help with completing the plan, please visit 2022-2025 ITP Resources for Districts on our website, contact your district's RIC, or email edtech@nysed.gov.

2022-2025 Instructional Technology Plan - 2021**VI. Administrative Management Plan**

Page Last Modified: 06/27/2022

1. Staff Plan

Provide the Full-Time Equivalent (FTE) count, as of plan submission date, of all staff whose primary responsibility is delivering technology integration training and support and/or technical support.

	Full-time Equivalent (FTE)
District Technology Leadership	0.00
Instructional Support	1.00
Technical Support	1.80
Totals:	2.80

2. Investment Plan

Provide a three-year investment plan to support the vision and goals. All costs must be calculated for the entire three year-period, not annualized. For example, if a cost occurs annually, the estimated cost should include the annual cost times three.

Provide a three-year investment plan to support the vision in Section II and goals in Section IV.

A chart with drop-down choices is provided in order for NYSED to obtain consistent responses to this question.

All cells in the table must be populated. If you have less than four items in your plan, you must choose N/A for columns one, two, four, five and six, and put zero in column three (estimated cost) for each unneeded row.

	Anticipated Item or Service	"Other" Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source	"Other" Funding Source
1	Staffing	N/A	100,000	Annual	<input type="checkbox"/> BOCES Co-Ser purchase <input checked="" type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Materials Aid <input type="checkbox"/> Instructional Resources Aid <input type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other (please identify in next column,	N/A

2022-2025 Instructional Technology Plan - 2021

VI. Administrative Management Plan

Page Last Modified: 06/27/2022

	Anticipated Item or Service	"Other" Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source	"Other" Funding Source
					to the right) <input type="checkbox"/> N/A	
2	Instructional and Administrative Software	N/A	60,000	Annual	<input checked="" type="checkbox"/> BOCES Co-Ser purchase <input checked="" type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Materials Aid <input type="checkbox"/> Instructional Resources Aid <input type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other (please identify in next column, to the right) <input type="checkbox"/> N/A	N/A
3	End User Computing Devices	N/A	50,000	Annual	<input type="checkbox"/> BOCES Co-Ser purchase <input checked="" type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Materials Aid <input type="checkbox"/> Instructional	N/A

2022-2025 Instructional Technology Plan - 2021**VI. Administrative Management Plan**

Page Last Modified: 06/27/2022

	Anticipated Item or Service	"Other" Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source	"Other" Funding Source
					Resources Aid <input type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other (please identify in next column, to the right) <input type="checkbox"/> N/A	
4	Professional Development	N/A	10,000	Annual	<input type="checkbox"/> BOCES Co-Ser purchase <input checked="" type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Materials Aid <input type="checkbox"/> Instructional Resources Aid <input type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other (please identify in next column, to the right) <input type="checkbox"/> N/A	N/A
Totals:			220,000			

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?

Yes

4. Districts are required to post either the responses to this survey or a more comprehensive technology plan that

2022-2025 Instructional Technology Plan - 2021**VI. Administrative Management Plan**

Page Last Modified: 06/27/2022

includes all of the elements in this survey. Please provide the URL here. The URL must link to a public website where the survey or plan can be easily accessed by the community.

<https://www.middleburghcsd.org/departments/technology-department/>

For help with completing the plan, please visit 2022-2025 ITP Resources for Districts on our website, contact your district's RIC, or email edtech@nysesd.gov.

2022-2025 Instructional Technology Plan - 2021**VII. Sharing Innovative Educational Technology Programs**

Page Last Modified: 03/28/2022

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 topic that is not on the list.

<input checked="" type="checkbox"/> 1:1 Device Program	<input checked="" type="checkbox"/> Engaging School	<input type="checkbox"/> Policy, Planning, and Leadership
<input checked="" type="checkbox"/> Active Learning	Community through	<input checked="" type="checkbox"/> Professional Development / Professional Learning
Spaces/Makerspaces	Technology	<input type="checkbox"/> Special Education
<input type="checkbox"/> Blended and/or Flipped Classrooms	<input type="checkbox"/> English Language Learner	Instruction and Learning with Technology
<input type="checkbox"/> Culturally Responsive Instruction with Technology	<input type="checkbox"/> Instruction and Learning with Technology	<input checked="" type="checkbox"/> Technology Support
<input type="checkbox"/> Data Privacy and Security	<input type="checkbox"/> Infrastructure	<input type="checkbox"/> Other Topic A
<input type="checkbox"/> Digital Equity Initiatives	<input type="checkbox"/> OER and Digital Content	<input type="checkbox"/> Other Topic B
<input type="checkbox"/> Digital Fluency Standards	<input type="checkbox"/> Online Learning	<input type="checkbox"/> Other Topic C
	<input checked="" type="checkbox"/> Personalized Learning	

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	Email Address	Innovative Programs
Please complete all columns	Brian Dunn	Superintendent	brian.dunn@mcsdny.org	<input checked="" type="checkbox"/> 1:1 Device Program <input checked="" type="checkbox"/> Active Learning Spaces/Makerspaces <input type="checkbox"/> Blended and/or Flipped Classrooms <input type="checkbox"/> Culturally Responsive Instruction with Technology <input type="checkbox"/> Data Privacy and Security <input type="checkbox"/> Digital Equity Initiatives <input type="checkbox"/> Digital Fluency Standards <input checked="" type="checkbox"/> Engaging School Community through Technology <input type="checkbox"/> English Language Learner <input type="checkbox"/> Instruction and

2022-2025 Instructional Technology Plan - 2021**VII. Sharing Innovative Educational Technology Programs**

Page Last Modified: 03/28/2022

	Name of Contact Person	Title	Email Address	Innovative Programs
				Learning with Technology <input type="checkbox"/> Infrastructure <input type="checkbox"/> OER and Digital Content <input type="checkbox"/> Online Learning <input checked="" type="checkbox"/> Personalized Learning <input type="checkbox"/> Policy, Planning, and Leadership <input type="checkbox"/> Professional Development / Professional Learning <input type="checkbox"/> Special Education Instruction and Learning with Technology <input checked="" type="checkbox"/> Technology Support <input type="checkbox"/> Other Topic A <input type="checkbox"/> Other Topic B <input type="checkbox"/> 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 to obtain more information about the innovative program(s) at your district.

	Name of Contact Person	Title	Email Address	Innovative Programs
Please complete all columns	(No Response)	(No Response)	(No Response)	<input type="checkbox"/> 1:1 Device Program <input type="checkbox"/> Active Learning Spaces/Makerspaces <input type="checkbox"/> Blended and/or Flipped Classrooms <input type="checkbox"/> Culturally Responsive Instruction with Technology

2022-2025 Instructional Technology Plan - 2021**VII. Sharing Innovative Educational Technology Programs**

Page Last Modified: 03/28/2022

	Name of Contact Person	Title	Email Address	Innovative Programs
				<input type="checkbox"/> Data Privacy and Security <input type="checkbox"/> Digital Equity Initiatives <input type="checkbox"/> Digital Fluency Standards <input type="checkbox"/> Engaging School Community through Technology <input type="checkbox"/> English Language Learner <input type="checkbox"/> Instruction and Learning with Technology <input type="checkbox"/> Infrastructure <input type="checkbox"/> OER and Digital Content <input type="checkbox"/> Online Learning <input type="checkbox"/> Personalized Learning <input type="checkbox"/> Policy, Planning, and Leadership <input type="checkbox"/> Professional Development / Professional Learning <input type="checkbox"/> Special Education Instruction and Learning with Technology <input type="checkbox"/> Technology Support <input type="checkbox"/> Other Topic A <input type="checkbox"/> Other Topic B <input type="checkbox"/> Other Topic C
Please complete all columns	(No Response)	(No Response)	(No Response)	<input type="checkbox"/> 1:1 Device Program <input type="checkbox"/> Active Learning

2022-2025 Instructional Technology Plan - 2021**VII. Sharing Innovative Educational Technology Programs**

Page Last Modified: 03/28/2022

	Name of Contact Person	Title	Email Address	Innovative Programs
				<p>Spaces/Makerspaces</p> <p><input type="checkbox"/> Blended and/or</p> <p>Flipped Classrooms</p> <p><input type="checkbox"/> Culturally</p> <p>Responsive</p> <p>Instruction with</p> <p>Technology</p> <p><input type="checkbox"/> Data Privacy and</p> <p>Security</p> <p><input type="checkbox"/> Digital Equity</p> <p>Initiatives</p> <p><input type="checkbox"/> Digital Fluency</p> <p>Standards</p> <p><input type="checkbox"/> Engaging School</p> <p>Community through</p> <p>Technology</p> <p><input type="checkbox"/> English Language</p> <p>Learner</p> <p><input type="checkbox"/> Instruction and</p> <p>Learning with</p> <p>Technology</p> <p><input type="checkbox"/> Infrastructure</p> <p><input type="checkbox"/> OER and Digital</p> <p>Content</p> <p><input type="checkbox"/> Online Learning</p> <p><input type="checkbox"/> Personalized</p> <p>Learning</p> <p><input type="checkbox"/> Policy, Planning,</p> <p>and Leadership</p> <p><input type="checkbox"/> Professional</p> <p>Development /</p> <p>Professional</p> <p>Learning</p> <p><input type="checkbox"/> Special Education</p> <p>Instruction and</p> <p>Learning with</p> <p>Technology</p> <p><input type="checkbox"/> Technology</p>

2022-2025 Instructional Technology Plan - 2021**VII. Sharing Innovative Educational Technology Programs**

Page Last Modified: 03/28/2022

	Name of Contact Person	Title	Email Address	Innovative Programs
				Support <input type="checkbox"/> Other Topic A <input type="checkbox"/> Other Topic B <input type="checkbox"/> Other Topic C
Please complete all columns	(No Response)	(No Response)	(No Response)	<input type="checkbox"/> 1:1 Device Program <input type="checkbox"/> Active Learning Spaces/Makerspaces <input type="checkbox"/> Blended and/or Flipped Classrooms <input type="checkbox"/> Culturally Responsive Instruction with Technology <input type="checkbox"/> Data Privacy and Security <input type="checkbox"/> Digital Equity Initiatives <input type="checkbox"/> Digital Fluency Standards <input type="checkbox"/> Engaging School Community through Technology <input type="checkbox"/> English Language Learner <input type="checkbox"/> Instruction and Learning with Technology <input type="checkbox"/> Infrastructure <input type="checkbox"/> OER and Digital Content <input type="checkbox"/> Online Learning <input type="checkbox"/> Personalized Learning <input type="checkbox"/> Policy, Planning, and Leadership <input type="checkbox"/> Professional Development /

2022-2025 Instructional Technology Plan - 2021**VII. Sharing Innovative Educational Technology Programs**

Page Last Modified: 03/28/2022

	Name of Contact Person	Title	Email Address	Innovative Programs
				<p>Professional Learning</p> <p><input type="checkbox"/> Special Education Instruction and Learning with Technology</p> <p><input type="checkbox"/> Technology Support</p> <p><input type="checkbox"/> Other Topic A</p> <p><input type="checkbox"/> Other Topic B</p> <p><input type="checkbox"/> Other Topic C</p>

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