

2022-2025 Instructional Technology Plan - 2021

I. District LEA Information

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

Brad Malone

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

Director of Technology

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

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1. What is the overall district mission?

Prepare every student for responsible citizenship, life-long learning, and college or career success.

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

Students will graduate proficient in using technology to curate knowledge, process information, and communicate their understandings.

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 major stakeholders for the development of this plan were administrators, Board of Education Members and teachers. The input of both groups was sought in a number of ways. At the end of each school year, a technology needs survey is given to all teachers. This survey seeks to understand their self-efficacy around using technology, what barriers prohibit more technology use in their instruction and what professional development needs they have for the upcoming year. This input, along with data from the ISTE Capstones assessments that students take in grades 3,6,9 and 12 and continued research and learning from our instructional technology leadership team, formed the basis of the first draft of the technology plan. This draft was reviewed and feedback was given by District Cabinet (the superintendent and the four assistant superintendents), Administrative Leadership (all certified administrators in the district) and Instructional Council (a body of teachers from all schools). Parents were also solicited through surveys about digital citizenship, connectivity and other issues. Feedback was incorporated into the final document.

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

Our previous plan centralized on the two goals of ensuring access to technology for students and developing efficiency for faculty. The focus was very much on infrastructure, software and professional development. As these goals were mainly accomplished, we have shifted our focus to ensuring that all students are gaining the technological and information literacy skills needed to be successful. We were able to capitalize on the access and training developed in the previous plan and use those building blocks to focus more on curriculum and assessments.

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

Accessibility: As the pandemic began, we were well positioned to support access to technology for the majority of students and teachers. All students and teachers had devices and we had software that for the most part worked with those 1:1 devices. We did have to explore how to take some of our courses that made heavy use of PC software and translate it for students to accomplish in remote and blended environments. We accomplished this through a number of strategies. Some software we virtualized into a VDI environment. Some curriculum shifted to make use of Android Apps (Photoshop for example). On a rare occasions we deployed PCs in addition to Chromebooks to classes. Another level of access was internet access at home. We found that the majority of homes had access, but many had limited bandwidth, especially families with 3-5 students in the home. We provided hot spots to these families to ensure equity.

Blended Instruction: While blended instruction was a topic we had explored in our professional development during the previous technology plan, the pandemic and resulting shift in instructional models accelerated our PD and devote resources to be sure that teachers could deliver engaging instruction remotely through video conferencing and asynchronously while students were at home.

6. Is your district currently fully 1:1?

Yes

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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.

Goal: Provide ongoing, high-quality professional development for staff and leadership that builds capacity in the effective use of technology to enhance learning.

Objectives:

1. Establish professional development for administrators and teacher leaders to ensure cohesive and consistent understanding of powerful technology integration.
2. Provide a wide range of professional development opportunities that support staff at all stages in effectively leveraging technology.
3. Provide professional development to teachers of Students with Disabilities and English Language Learners enabling them to differentiate instruction.

Plan:

We will continue to use the three district technology coaches as well as the library media specialists in each building to conduct embedded professional development as well as deliver formal workshops on the new state standards and other instructional technology needs in conference periods, faculty meetings and program meetings. Administrators have been trained to observe technology integration and incorporate that feedback into their formal observations.

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

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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:

Fully
- 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

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1. Enter Goal 1 below:

Revise and upgrade assessments that allow students to demonstrate proficiency of the ISTE Standards for Students in authentic ways.

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

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). 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.

- ☒ Teachers/Teacher Aides
- ☐ Administrators
- ☐ Parents/Guardians/Families/School Community
- ☐ Technology Integration Specialists
- ☐ 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.

- 1) We will conduct an audit of all common required assessments to determine how many already contain ISTE Standards for Students. Program directors will work to redesign assessments to incorporate technology skills and increase authenticity. We will track when assessments are changed, review this information each spring and focus on developing courses/grade levels that are devoid of opportunities to demonstrate proficiency towards ISTE standards.
- 2) We will continue to review the rubric data from the Primary, Intermediate, Junior High and Senior High ISTE Capstones as a measurement of progress towards meeting the ISTE Standards for Students.

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, 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	Evaluation	Conduct an audit of all	Curriculum	Assistant	08/31/2	0

2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 1

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	Action Step	Action Step - Description	Responsible Stakeholder:	'Other' Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
		common required assessments to determine how many already contain ISTE Standards for Students	and Instruction Leader	Superintendent of Instruction, Director of Technology	022	
Action Step 2	Curriculum	Redesign common assessments to incorporate ICT skills and increase authenticity. Prioritize courses and grade levels based on the audit data.	Curriculum and Instruction Leader	Assistant Superintendent of Instruction	06/30/2023	5000
Action Step 3	Evaluation	Update audit to incorporate newly created assessments and the ISTE Standards that are addressed.	Curriculum and Instruction Leader	Assistant Superintendent of Instruction, Director of Technology	04/30/2023	0
Action Step 4	Curriculum	Continue to redesign common assessments to incorporate ICT skills and increase authenticity. Prioritize courses and grade levels based on the audit data.	Curriculum and Instruction Leader	Assistant Superintendent of Instruction	06/28/2024	5000

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)

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

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2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 2

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1. Enter Goal 2 below:

Increase focus on network security and data privacy by conducting external audits, reviewing and adjusting internal procedures, and developing in depth response plans in the case of a breach.

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 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.

- ☒ Teachers/Teacher Aides
☒ Administrators
☐ Parents/Guardians/Families/School Community
☐ Technology Integration Specialists
☒ 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.

In 2021, Rush-Henrietta used an outside auditor, Core BTS, to conduct a NIST assessment. We will have Core BTS complete another NIST assessment in 2024 to see if the recommendations they suggested, as well other cyber-security steps we will take, have lead to a higher score.

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	Policy/Protocols	Require multi-factor authentication for all staff.	Director of Technology	Tech staff	08/30/2022	0
Action Step 2	Policy/Protocols	Expand and develop documentation on internal policies such	Director of Technology	NA	12/30/2022	2000

2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 2

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	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
		as incident response, maintenance, physical and environmental protection, access control, program management and more.				
Action Step 3	Planning	Have all departments develop a business continuity plan for network outages.	Business Official	Director of technology	08/30/2022	0
Action Step 4	Planning	Review cyber-security retainer and cyber-security insurance.	Director of Technology	Business Official	12/30/2022	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	Evaluation	Have outside auditor reassess the district using the NIST assessment.	Director of Technology	(No Response)	12/31/2024	20000
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)

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2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 3

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1. Enter Goal 3 below:

Rush-Henrietta will adopt one communication tool that, along with district email, will be the sole way teachers communicate with parents and students. This will ensure that our students and teachers are protected and our parents only have to learn one platform.

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

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). 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 type="checkbox"/> Elementary/intermediate | <input type="checkbox"/> Students who are targeted for dropout prevention or credit recovery programs |
| <input checked="" 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 checked="" 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.

- ☒ Teachers/Teacher Aides
☒ Administrators
☒ Parents/Guardians/Families/School Community
☐ Technology Integration Specialists
☐ 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.

The district will use Remind's engagement reports to track student, teacher, and parent engagement across the organization. With weekly engagement reports, we will monitor and measure student-teacher-parent communication on Remind, such as who is sending and receiving messages and who is not. We will compare reports from October (to set a benchmark), March and June to see how and where the new resource is being used. We will use this data to provide targeted training to grades, parents or secondary students who are under utilizing it.

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	Communicate	Announce the	Director of	Instructional	08/30/20	0

2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 3

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	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
	tions	selection of Remind as the district communication tool. Provide rationale, expectations and training schedules.	Technology	technology coaches	022	
Action Step 2	Professional Development	Provide optional training in a variety of options (online over the summer, asynchronous, inperson in September, etc.) to teachers.	Instructional Technology Coach	Director of Technology	09/30/2022	5000
Action Step 3	Communications	Provide training resources (videos, documentation, etc.) to parents and secondary students to ensure they are comfortable using the product. Provide this training in a variety of languages as well.	Instructional Technology Coach	Director of Technology	09/30/2022	0
Action Step 4	Evaluation	Monitor the use of Remind and target certain populations for additional training and communications.	Director of Technology	NA	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)

2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 3

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

8. Would you like to list a fourth goal?

No

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2022-2025 Instructional Technology Plan - 2021

V. NYSED Initiatives Alignment

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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.

To properly prepare students for college, careers and citizenship, Rush-Henrietta's instruction and curriculum must include opportunities to develop and master technology skills as well as engage in authentic, real-world experiences. Innovative technologies must be used to facilitate how teachers and students interact and engage with the content and the world around them. In-depth technology integration will include creativity, innovation, communication, collaboration, critical thinking, and problem-solving. Through technology integration and a well-defined curriculum, all students will meet the ISTE Standards for Students by becoming adept at Information and Communication Technology (ICT) skills. The 1:1 learning environment with instructional technology methodologies transforms teaching and learning so students are college and career ready as digital age learners.

The Instructional Technology Plan is a blueprint for how Rush-Henrietta will organize resources and prioritize efforts in the area of ICT. The guiding principles are:

- A student-empowered learning environment
- Information and Communication Technology (ICT) skills integrated into district curriculum
- Timely access to data and instructional strategies to inform instruction, monitor student progress, and increase student achievement

Technology skills will be woven throughout the K-12 curriculum, with specific opportunities (referred to as Capstones) at the end of grade bands (grades 3,6,9,12) where students will have an opportunity to demonstrate their progression towards the ISTE Standards for Students. To prepare for these Capstones and ensure our students have significant practice with all the ISTE Standards, we will develop assessments throughout grade levels and courses.

We will continue to integrate technology to improve the learning outcomes for our students, support the professional learning of our staff, and enhance the effectiveness of our services.

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.

In order to provide equitable learning anywhere at any time, Rush-Henrietta has committed to finding ways to allow all students to work wherever they are. We use a multi-pronged approach to accomplish this:

Device Access:

- All students receive a Chromebook that is assigned to them for three years. The Chromebooks are refreshed after those three years are over.
- Each of our libraries are equipped with enough extra Chromebooks to give a student a loaner immediately if their device malfunctions or is damaged.
- The district has 60 wireless hotspots for families to borrow for the school year. Currently, 25 have been loaned out in 2021-2022.

Software Access:

- Whenever possible, we are choosing electronic resources that are cloud-based and can be accessible from any device.
- When this is not possible, we have built a VDI environment to run our more robust software (Project Lead the Way for example) virtually.
- In the few rare exceptions where neither of the previous options are available (Adobe products) we are working with teachers to use comparable or light versions for homework and reinforcement outside the class.

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

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- 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.**

We have a number of assistive technology services to "level the playing field" for students with disabilities.

- Accessible by all students is the Chrome Extension Read and Write for Google Chrome. It provides personalized support to make documents, web pages and common file types in Google Drive (including: Google Docs, PDF & ePub) more accessible. It's designed to help everyone engage with digital content in a way that suits his/her abilities and learning styles. Some of the tools in this extension are:
 - Text-to-speech to hear words, passages, or whole documents read aloud with easy-to-follow dual color highlighting
 - Text and picture dictionaries to see the meaning of words explained
 - With speech-to-text, dictate words to assist with writing, proofreading & studying
 - Word prediction offers suggestions for the current or next word as you type
 - Collect highlights from text in documents or the web for summarizing and research
 - Create and listen to voice notes directly inside of Google Docs
 - Simplify and summarize text on web pages to remove ads and other copy that can be distracting
- For students that need additional support, we purchase subscriptions to Co-Writer and Clicker. These are more robust tools that include word prediction, language supports, and speech recognition.
- For students that respond well to symbols, we purchase News2you, the Unique Learning System and Symbolstix.
- To help some of our students with the most complex learning needs, we purchase access to Boardmaker for teachers and speech therapists. Boardmaker provides innovative software, symbols, pre-made curriculum, and assessment products to empower students.

- 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 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 checked="" 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 checked="" type="checkbox"/> Multiple ways of assessing student learning through technology |
| <input checked="" type="checkbox"/> Research, writing and technology in a digital world | <input type="checkbox"/> Electronic communication and collaboration |
| <input checked="" type="checkbox"/> Enhancing children's vocabulary development with technology | <input type="checkbox"/> Promotion of model digital citizenship and responsibility |
| <input type="checkbox"/> Reading strategies through technology for students with disabilities | <input type="checkbox"/> Integrating technology and curriculum across core content areas |
| <input 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 checked="" type="checkbox"/> Using technology to differentiate instruction in the special education classroom | <input type="checkbox"/> Other (please identify in Question 5a, below) |

2022-2025 Instructional Technology Plan - 2021

V. NYSED Initiatives Alignment

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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.
- ☒ 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.**

- | | |
|--|--|
| <input checked="" type="checkbox"/> Technology to support writers in the elementary classroom | <input checked="" type="checkbox"/> Multiple ways of assessing student learning through technology |
| <input checked="" type="checkbox"/> Technology to support writers in the secondary classroom | <input checked="" type="checkbox"/> Electronic communication and collaboration |
| <input checked="" type="checkbox"/> Research, writing and technology in a digital world | <input type="checkbox"/> Promotion of model digital citizenship and responsibility |
| <input checked="" type="checkbox"/> Writing and technology workshop for teachers | <input type="checkbox"/> Integrating technology and curriculum across core content areas |
| <input checked="" type="checkbox"/> Enhancing children's vocabulary development with technology | <input type="checkbox"/> Web authoring tools |
| <input type="checkbox"/> Writer's workshop in the Bilingual classroom | <input checked="" type="checkbox"/> Helping students connect with the world |
| <input type="checkbox"/> Reading strategies for English Language Learners | <input type="checkbox"/> The interactive whiteboard and language learning |
| <input type="checkbox"/> Moving from learning letters to learning to read | <input type="checkbox"/> Use camera for documentation |
| <input checked="" type="checkbox"/> The power of technology to support language acquisition | <input type="checkbox"/> Other (please identify in Question 8a, below) |
| <input type="checkbox"/> Using technology to differentiate instruction in the language classroom | |

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

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- 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 located on individual school websites, as well as the district website. | <input type="checkbox"/> Provide students a way to protect and charge any devices they are provided/with/by the district. | <input type="checkbox"/> Conduct regular educational check-ins with all students 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 checked="" 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 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 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 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 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"/> Other (Please identify in Question 9a, below) |
| <input checked="" type="checkbox"/> Provide/students/experiencing homelessness/and/or housing insecurity with tablets or laptops, mobile hotspots, prepaid cell phones, and other devices and connectivity. | <input checked="" type="checkbox"/> 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. | |

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- 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.**

- ☒ 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.
- ☐ 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

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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	1.00
Instructional Support	3.00
Technical Support	9.00
Totals:	13.00

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	End User Computing Devices	Chromebook refresh (4 grade levels a year)	3,000,000	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	NA
2	End User Computing Devices	Teacher / Staff laptops (5 year life cycle)	450,000	Annual	<input type="checkbox"/> BOCES Co-Ser purchase <input checked="" type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public	NA

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VI. Administrative Management Plan

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	Anticipated Item or Service	"Other" Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source	"Other" Funding Source
					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	
3	Peripheral Devices	copiers and printers	300,000	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	NA
4	Network and Infrastructure	Refresh access points	350,000	One-time	<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	NA

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	Anticipated Item or Service	"Other" Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source	"Other" Funding Source
					<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	
Totals:			4,100,000			

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 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.rhnet.org/domain/59>

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

VII. Sharing Innovative Educational Technology Programs

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

- 1a. If you selected 'Other Topic A' above, please describe in a few words the topic of your district's innovative program.

Assessing ISTE Standards

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	Brad Malone	Director of Information and Communication Technology	bmalone@rhnet.org	<input checked="" type="checkbox"/> 1:1 Device Program <input type="checkbox"/> Active Learning Spaces/Makerspaces <input checked="" type="checkbox"/> Blended and/or Flipped Classrooms <input checked="" type="checkbox"/> Culturally Responsive Instruction with Technology <input checked="" type="checkbox"/> Data Privacy and Security <input type="checkbox"/> Digital Equity Initiatives <input checked="" type="checkbox"/> Digital Fluency Standards <input type="checkbox"/> Engaging School Community through Technology <input checked="" type="checkbox"/> English Language Learner <input checked="" type="checkbox"/> Instruction and Learning with Technology <input checked="" type="checkbox"/> Infrastructure

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	Name of Contact Person	Title	Email Address	Innovative Programs
				<input type="checkbox"/> OER and Digital Content <input checked="" type="checkbox"/> Online Learning <input type="checkbox"/> Personalized Learning <input checked="" type="checkbox"/> Policy, Planning, and Leadership <input checked="" type="checkbox"/> Professional Development / Professional Learning <input type="checkbox"/> Special Education Instruction and Learning with Technology <input checked="" type="checkbox"/> Technology Support <input checked="" 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/Makers paces <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

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	Name of Contact Person	Title	Email Address	Innovative Programs
				<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 Spaces/Makers paces <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

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	Name of Contact Person	Title	Email Address	Innovative Programs
				<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 Spaces/Makers paces <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

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	Name of Contact Person	Title	Email Address	Innovative Programs
				<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

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