

**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?**

Lisa Brower

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?**

Each student will leave the NRW family with pride and preparedness for their future path through our VISION that NRW is a community committed to fostering connections and developing experiences where individuals can engage in learning that cultivates individualized potential.

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

The NRW Learning Community strives to provide equal access to educationally appropriate, current and emerging technology to all, with the goal of enhancing teaching, fostering creativity and promoting critical thinking to cultivate individualized potential.

**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 Technology Plan was created through collaboration with a team of Administrators, Instructional Staff and members of the technology team, with input from Edutech, community members and student representatives. Collaboration took place periodically through the year with attention given to facilitating a plan that aligned with the district strategic action plan. Attention was given to district initiatives, programs and financial plans. The Technology plan was reviewed by the district IT staff and District Administrators. Timeline for the development of the plan began in Fall of 2021 with Technology Committee meetings and discussions, continued monthly until the process was completed. The final outcome was a plan created and aligned to the vision for Instructional Technology and the District Strategic Action Plan.

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

Over the past few years the committee came together more frequently, collected more data through student, staff and community surveys and had discussions with all stakeholders on how to build upon the previous plan which was focused on developing skills and building relationships. Areas of improvement were identified; equitable access, digital content and support for instructional technology. This plan takes a deeper and more inclusive look and is designed to align with the district goals. Previous goals such as use of technology for strengthening communication, creating virtual spaces, integration of technology in the classroom will be addressed through the use of a new communication software ParentSquare and the development of digital content and equitable access for all students. The district will continue to pursue all of these goals by supporting effective communication and providing support for instructional technology while maintaining efficient budgeting.

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

The Covid Pandemic brought into focus the need to provide equitable access through hybrid and virtual learning options and internet connectivity to students and faculty outside of the school buildings. The district was able to meet the needs through digital resources and the purchase and distribution of Wifi devices. Steps were taken to provide technical support to meet the needs of the school community through a dedicated email account. Surveys were distributed to families to determine needs and concerns related to technology and internet connectivity. Throughout the Pandemic, NRWCS provided professional development opportunities to teachers surrounding the use and application of digital content in remote settings. Staff was provided with training to help meet the most immediate needs in regards to teaching and learning. Teachers are using Google Classroom as a way of determining and disseminating class participation, communication and assessment. This was one of many tools that the teachers have used to expand the access to all students. Teachers are using digital content including; Peardeck, Google Slides, IXL, Flipgrid, Zearn, Edpuzzle, and others to increase student engagement and active participation in their own learning process. Through the use of these tools students are more proficient with the use of digital resources and technology. As we transition out of the Pandemic, an effort is being made to use technology in a more purposeful integrated manner to enhance teaching and learning. This process will incorporate the New York State Computer and Digital Fluency Standards to assess and guide the use of technology.

**6. Is your district currently fully 1:1?**

Yes

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

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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.**

Ensuring teachers have the support and resources they need is the cornerstone of our District Professional Development Plan. We continue to provide the tools and training around digital content and devices that promote effective blended learning strategies within the classroom. To assess teacher needs and concerns, we distribute surveys to staff, discuss needs with school leadership teams and gather input from the District Technology Committee. During discussions in Leadership Counsel follow up surveys and classroom observations will be used to determine the efficacy of the Professional Development Plan and future needs. Professional Development is provided in formalized settings through asynchronous, virtual and in person learning sessions. On demand support is also provided to a .5 Coordinator of Technology integration and building level instructional coaches. Link to School District Professional Development Plan is provided here.

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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:  
Fully
- 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:  
Moderately
- 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:  
Fully

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2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 1

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1. Enter Goal 1 below:

Use Instructional technology to foster collaboration and communication that connects students, families and the community by cultivating positive relationships.

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

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

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

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

We will use Parent Square to track the number of engagements and usage rates of family and community members. We will also analyze ParentSquare to determine the frequency and types of messages being sent to families. The collection of data from surveys sent to community members, staff and students, attendance and participation in school events such as parent/teacher conferences, attendance at open house functions all will be analyzed. SEL data will show how engaged students are, where improvements can be made and help increase student motivation.

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	Community Partnerships	Encourage More sign ups for parents and families	Building Principal	Classroom Teachers	06/30/2025	0

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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
Action Step 2	Community Partnerships	Promote access for ELL student and families	Assistant Superintendent	Director of Special Ed	06/30/2025	0
Action Step 3	Community Partnerships	Increased Social Media Presence - Facebook, Twitter, Instagram	Building Principal	Classroom Teachers	06/30/2025	0
Action Step 4	Community Partnerships	Updated student information system	Building Principal	District Office	06/30/2025	0

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	Community Partnerships	Work with Parent liaisons develop digital support networks for parents/families	Instructional Technology Coach	Building Principal	06/30/2025	0
Action Step 6	Communications	Livestream sport events	Building Principal	Athletic Director	06/30/2025	1500.00
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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IV. Action Plan - Goal 2

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1. Enter Goal 2 below:

Develop a learning environment that provides equitable access to technology and promotes access to learning initiatives through the use of technology.

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.

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

Reliable equitable access to technology is achieved by providing 1:1 access to all students. Hotspots are provided to those in need determined through surveys and online request forms. Access and usage is measured through management software such as GoGuardian, Google Classroom and Classlink. We will collect specific data from these programs and be able to notice the progress of each student and adjust and provide resources as needed. The age of device and condition of devices will help the Director of Technology analyze and determine future needs for support and providing additional devices as needed. The Assistant Superintendent for Business will be consulted to help determine a sustainable replacement plan for devices. Goals will be accomplished when each student is accessing and improving in technical skills and the students progress is trending upward.

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	Implementation	Ensure Internet Access for All students	Director of Technology	Business Office	04/13/2025	50,000.00

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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
Action Step 2	Implementation	Develop Systems for Charging and Chromebook Care	Director of Technology	Business Office	04/13/2025	5000.00
Action Step 3	Implementation	Maintain Viable Chromebooks for all students	Director of Technology	Business Office	04/13/2025	50,000.00
Action Step 4	Implementation	Maintain Classroom extras as needed	Director of Technology	Classroom Teacher	04/13/2025	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)
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:

Develop proficiencies that support the Social Emotional well being of the NRW Learning community through the use of technology tools.

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

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

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

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

Survey data from SEL will be utilized. We will use Panorama data to determine baseline data at the beginning of the year and then subsequent surveys to assess growth in Social Emotional Learning. Teachers and Administrators will use the data to develop academic and behavioral plans to promote continued Social Emotional Growth which can then be evaluated through teacher observation and student surveys. Decreased numbers of student referrals, increased or improved attendance, and higher SEL scores on the surveys will show how this goal has been accomplished.

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	Research	Explore a SEL Screener for K-2	Building Principal	Curriculum and Instructional Leader	06/01/2025	5000.00
Action Step 2	Evaluation	Panorama SEL Survey 3-12	Assistant Superintendent	Curriculum and Instructional Leader	06/01/2025	10,000.00

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
Action Step 3	Collaboration	Staff Survey within Panorama	Assistant Superintendent	Curriculum and Instructional Leader	06/01/2025	0
Action Step 4	Curriculum	Digital Resources provided by outside support	Assistant Superintendent	Curriculum and Instructional Leader	06/01/2025	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)

8. Would you like to list a fourth goal?

Yes

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2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 4

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1. Enter Goal 4 below:

Through the use of instructional technology, enhance learning opportunities to create quality academic programming, promoting 21st Century Learning skills and supporting the needs of all students.

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.

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

We will collect input from District Technology Committee, survey staff to determine comfort level and needs in regards to instructional technology and digital content. Analyze data metrics on the use of digital software to determine if software will continue to be purchased. Through classroom observations, and teacher surveys we will assess the integration of technology into daily instruction thereby creating a learning environment that promotes 21st century learning skills. Annual discussions with Administrators and teacher leaders will determine the next step for Professional Development.

6. List the action steps that correspond to Goal #4 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	Collaboratio	Collect input from	Assistant	Curriculum and	06/01/2	0

2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 4

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	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
	n	stakeholder groups as regarding needs and concerns related to this group	Superintendent	Instructional Leader	025	
Action Step 2	Curriculum	Establish Committee to map the implementation of Computer Science and Digital Fluency Standards	Assistant Superintendent	Curriculum and Instructional Leader	06/01/2025	0
Action Step 3	Purchasing	Purchase and evaluate digital content to support student learning needs	Assistant Superintendent	Business Office	06/01/2025	5000.00
Action Step 4	Professional Development	High Quality Professional Development focusing on Technology Integration	Assistant Superintendent	Curriculum and Instructional Leader	06/01/2025	5000.00

7. This question is optional.

If more action steps are needed, continue to list the action steps that correspond to Goal #4 from your answer to Question 1, above.

	Action Step	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)

8. Would you like to list a fifth goal?

No

**2022-2025 Instructional Technology Plan - 2021**

IV. Action Plan - Goal 4

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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.**

The North Rose -Wolcott School District is dedicated to developing a learning community that will be technologically literate lifelong learners. Learners will be able to interact successfully in a technological environment to achieve their personal, educational and workplace goals. They will successfully use technology to access, retrieve and use information school-wide, community wide, nationally and internationally. To support students in achieving these goals the district is dedicated to providing a personalized learning experience for all students, aided and supported by the use of digital tools. Technology enhances teaching and learning, thereby providing multiple ways to access and demonstrate understanding. Teachers are the facilitators of knowledge and the human component necessary for students to thrive. Students use on a daily basis various digital tools, Chromebooks, Interactive panels and other devices which allow for them to choose a pathway to demonstrate their learning based on the needs, interests, experience and skill levels. By engaging students and empowering them as learners, we believe that students will show academic growth and mastery of the rigorous standards, knowing what they need to do to improve and how they can best reach those goals. Their input and ownership via the utilization of technology and digital content is our map forward to higher levels of achievement

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.**

The NRW school district has implemented a 1:1 device initiative to ensure all students have access to a reliable device for equitable learning. We have a dedicated email address for students and parents to access when needs arise pertaining to their devices. Professional development is provided to staff on how to support teaching and learning in a remote setting through the use of Zoom and digital tools.

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 use technology and assistive technology devices to support the needs of students with disabilities. Students with disabilities are provided with augmentative communication devices, access to enhanced computing devices, in addition to tablets and chromebooks. The district utilizes text to speech/speech to text software to promote learning which can be used for word prediction, read back opportunities, and translation services. We use touch screens, enlarged monitors, digital books/resources and screen blockers to support other needs. FM systems are utilized by classroom teachers to support those students with hearing loss or audio processing difficulties. Digital learning resources are also embedded as part of personalized learning that allow students to work at their own pace.

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)

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V. NYSED Initiatives Alignment

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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 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 checked="" 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 checked="" 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)

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.

Yes

7a. If Yes, check one below:

In the 5 languages most commonly spoken in the district

7b. If 'Other' was selected in 7a, above, please explain here.

(No Response)

## 2022-2025 Instructional Technology Plan - 2021

V. NYSED Initiatives Alignment

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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 type="checkbox"/> Technology to support writers in the elementary classroom               | <input type="checkbox"/> Multiple ways of assessing student learning through technology  |
| <input type="checkbox"/> Technology to support writers in the secondary classroom                | <input checked="" type="checkbox"/> Electronic communication and collaboration           |
| <input type="checkbox"/> Research, writing and technology in a digital world                     | <input type="checkbox"/> Promotion of model digital citizenship and responsibility       |
| <input type="checkbox"/> Writing and technology workshop for teachers                            | <input type="checkbox"/> Integrating technology and curriculum across core content areas |
| <input 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 type="checkbox"/> Helping students connect with the world                         |
| <input checked="" 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 checked="" 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 type="checkbox"/> Create in-person and web-based tutoring/programs/spaces/and/or live chats/to assist with assignments and technology/issues.   |
| <input checked="" 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 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 checked="" 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 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.               |  |

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

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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](mailto:edtech@nysed.gov).

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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	0.50
Technical Support	2.50
<b>Totals:</b>	<b>4.00</b>

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	Chromebooks	100,000	Annual	<input checked="" type="checkbox"/> BOCES Co-Ser purchase <input type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input checked="" 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
2	Internet Connectivity	Wifi Hotspots	100,000	Annual	<input checked="" type="checkbox"/> BOCES Co-Ser purchase <input type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public	N/A

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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 checked="" 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	Instructional and Administrative Software	Digital Resources	50,000	Annual	<input checked="" type="checkbox"/> BOCES Co-Ser purchase <input type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input checked="" 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
4	Professional Development	Professional Development	50,000	Annual	<input checked="" type="checkbox"/> BOCES Co-Ser purchase <input type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input checked="" type="checkbox"/> Grants <input type="checkbox"/> Instructional Materials Aid	N/A

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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	
<b>Totals:</b>			<b>300,000</b>			

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.nrwcs.org/domain/52>

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](mailto: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 type="checkbox"/> Policy, Planning, and Leadership
<input type="checkbox"/> Active Learning Spaces/Makerspaces	<input 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 type="checkbox"/> Culturally Responsive Instruction with Technology	<input type="checkbox"/> Infrastructure	<input type="checkbox"/> Technology Support
<input checked="" type="checkbox"/> Data Privacy and Security	<input type="checkbox"/> OER and Digital Content	<input type="checkbox"/> Other Topic A
<input type="checkbox"/> Digital Equity Initiatives	<input type="checkbox"/> Online Learning	<input type="checkbox"/> Other Topic B
<input type="checkbox"/> Digital Fluency Standards	<input checked="" type="checkbox"/> Personalized Learning	<input type="checkbox"/> Other Topic C

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	Megan Paliotti	Assistant Superintendent for Instruction	mpaliotti@nrwcs.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 type="checkbox"/> Culturally Responsive Instruction with Technology <input checked="" 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 checked="" type="checkbox"/> Instruction and Learning with Technology <input type="checkbox"/> Infrastructure <input type="checkbox"/> OER and Digital Content <input type="checkbox"/> Online Learning <input checked="" type="checkbox"/> Personalized

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	Name of Contact Person	Title	Email Address	Innovative Programs
				<input type="checkbox"/> Learning Policy, Planning, and Leadership <input checked="" 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

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 <input type="checkbox"/> English Language Learner <input type="checkbox"/> Instruction and

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	Name of Contact Person	Title	Email Address	Innovative Programs
				<ul style="list-style-type: none"> <li>Learning with Technology</li> <li><input type="checkbox"/> Infrastructure</li> <li><input type="checkbox"/> OER and Digital Content</li> <li><input type="checkbox"/> Online Learning</li> <li><input type="checkbox"/> Personalized Learning</li> <li><input type="checkbox"/> Policy, Planning, and Leadership</li> <li><input type="checkbox"/> Professional Development / Professional Learning</li> <li><input type="checkbox"/> Special Education Instruction and Learning with Technology</li> <li><input type="checkbox"/> Technology Support</li> <li><input type="checkbox"/> Other Topic A</li> <li><input type="checkbox"/> Other Topic B</li> <li><input type="checkbox"/> Other Topic C</li> </ul>
Please complete all columns	(No Response)	(No Response)	(No Response)	<ul style="list-style-type: none"> <li><input type="checkbox"/> 1:1 Device Program</li> <li><input type="checkbox"/> Active Learning Spaces/Makers paces</li> <li><input type="checkbox"/> Blended and/or Flipped Classrooms</li> <li><input type="checkbox"/> Culturally Responsive Instruction with Technology</li> <li><input type="checkbox"/> Data Privacy and Security</li> <li><input type="checkbox"/> Digital Equity Initiatives</li> <li><input type="checkbox"/> Digital Fluency Standards</li> <li><input type="checkbox"/> Engaging School Community through Technology</li> <li><input type="checkbox"/> English Language Learner</li> <li><input type="checkbox"/> Instruction and</li> </ul>

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	Name of Contact Person	Title	Email Address	Innovative Programs
				<ul style="list-style-type: none"> <li>Learning with Technology</li> <li><input type="checkbox"/> Infrastructure</li> <li><input type="checkbox"/> OER and Digital Content</li> <li><input type="checkbox"/> Online Learning</li> <li><input type="checkbox"/> Personalized Learning</li> <li><input type="checkbox"/> Policy, Planning, and Leadership</li> <li><input type="checkbox"/> Professional Development / Professional Learning</li> <li><input type="checkbox"/> Special Education Instruction and Learning with Technology</li> <li><input type="checkbox"/> Technology Support</li> <li><input type="checkbox"/> Other Topic A</li> <li><input type="checkbox"/> Other Topic B</li> <li><input type="checkbox"/> Other Topic C</li> </ul>
Please complete all columns	(No Response)	(No Response)	(No Response)	<ul style="list-style-type: none"> <li><input type="checkbox"/> 1:1 Device Program</li> <li><input type="checkbox"/> Active Learning Spaces/Makers paces</li> <li><input type="checkbox"/> Blended and/or Flipped Classrooms</li> <li><input type="checkbox"/> Culturally Responsive Instruction with Technology</li> <li><input type="checkbox"/> Data Privacy and Security</li> <li><input type="checkbox"/> Digital Equity Initiatives</li> <li><input type="checkbox"/> Digital Fluency Standards</li> <li><input type="checkbox"/> Engaging School Community through Technology</li> <li><input type="checkbox"/> English Language Learner</li> <li><input type="checkbox"/> Instruction and</li> </ul>

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	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 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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