

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

I. District LEA Information

---

Page Last Modified: 07/11/2022

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

Sagrarion Rudecindo-O'Neill

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

Assistant Superintendent

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**II. Strategic Technology Planning

---

Page Last Modified: 07/11/2022

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

We will meet the challenge of preparing EVERY student for learning, life and work beyond school.

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

Accept primary responsibility for giving students a mastery of the basic skills of learning, thinking, and problem solving using technology; for teaching them to use various media of self-expression; for instilling in them a knowledge of the social and natural sciences; for acquainting them with the richness of our heritage; and for stimulating them to productive work in the various areas of human endeavor. BSCD district's aspiration is that our students develop skills needed for the 21st century. Skills that enable them to be career and college ready. We desire our students to be digitally literate by the end of their educational journey.

**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 planning process to develop answers to the Instructional Technology Plan included the use of a district-wide technology committee which included stakeholders from the following groups: Technology Department, Library Media Specialists, Teachers, and Building Principals. The committee met monthly from November 2021 through March 2022.

Outside community stakeholders are a goal the district will be engaged in during the 2022-2023 school year. The district plans to reactivate the district-wide technology committee. We have already recruited members that consist of teachers, administrators, parents, and outside community stakeholders.

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

This plan is different than in previous years in that the committee was expanded to include more stakeholders than in past years. The committee identified strengths and areas of improvement by soliciting feedback from stakeholders about what is working and what is not while looking into new programs. This plan intends to address the following goals from the previous plan that may not have been fully met:

- Continuation of Chromebook program
- Working towards scope and sequence for coding
- Digital Literacy - i.e. social media use, digital citizenship, social contexts
- Curriculum expansion of coding and digital citizenship
- Implement NYSED Digital Fluency Standards

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

This Instructional Technology Plan reflects on the COVID pandemic and in reflection the district plans to continue the use of hot spots to provide connectivity to student in need and also explore the opportunity of creating spaces within school buildings to access internet before and after school.

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

Yes

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

---

Page Last Modified: 07/11/2022

**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.**

The district plans to offer the following professional development opportunities:

- Expand time for training new teachers.
- Have clean data trainers meet with new teachers prior to the start of the school year to assist teacher with managing their grade books and reporting clean data to NYSED.
- Use the BOCES Model Schools program or other technology integrators on new teacher orientation days.
- Obtain funding for teachers to attend technology training/conferences i.e NYSCATE, ISTE, CoSN, etc...
- Use analytics after professional development on software to see how much it is used.

The technology plan is aligned with the district's goals of fostering a pedagogy of equity and student engagement. BCSD will use technology to provide students with access to different learning opportunities, that are engaging and relevant, such as project-based learning in grades Pre-k-5. The BSCD is reframing our Media Arts electives to integrate technology that is current and appealing to our students at the secondary level, Ex. Podcasting, movie making, etc.

We used student enrollment to determine teacher capacity and a student interest survey. Teachers' Professional learning needs are determined via a needs assessment survey provided at the beginning of the school year and revisited in the spring. This survey determines professional learning opportunities during our professional development days.

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**III. Goal Attainment

---

Page Last Modified: 02/23/2022

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

- 1. Digital Content – The District uses standards-based, accessible digital content that supports all curricula for all learners.**  
**The district has met this goal:**

Moderately
- 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:**

Significantly
- 4. Leadership – The District Instructional Technology Plan is in alignment with the Statewide Learning Technology Plan vision.**  
**The district has met this goal:**

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

Fully

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

IV. Action Plan - Goal 1

Page Last Modified: 07/11/2022

1. Enter Goal 1 below:

Provide expanded opportunities for students in all grades to learn about Digital Citizenship with a focus on safely using the internet and cyberbullying.

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.

The district plans to implement a digital citizenship training program such as Vectors K-12 student safety and wellness courses to teach students about safe and responsible internet use. Analytical data will be collected and analyzed to track access and utilization. The district will also consider inviting speakers to speak to students from organizations such as Grace Smith House, New York State Police Cybercrimes Unit, etc... The district will know this goal has been accomplished if it sees a reduction in cyber bullying through awareness. Behavior incident logs could be a data metric used to measure this outcome. Assessment of success will be again through a survey to garner teacher feedback and through teacher observations.

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	Curriculum	The district will introduce new programs such as	Assistant Superintendent	Director of Technology	06/28/2024	\$10,000

2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 1

Page Last Modified: 07/11/2022

	Action Step	Action Step - Description	Responsible Stakeholder:	'Other' Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
		Vector K-12 internet safety or equivalent into curriculum, aligning it with the new New York State K-12 Computer Science and Digital Fluency Standards				
Action Step 2	Community Partnerships	The district will try to coordinate with community organizations/ speakers to host a presentation about internet safety and cybercrime. Possible ideas: Janell Burley Hoffman, Devorah Heitner, or NYSP Cyber Crimes	Assistant Superintendent	Director of Technology	06/28/2024	\$3,000
Action Step 3	Community Partnerships	The district will try to host a parent information night to discuss internet safety and cyber crime.	Assistant Superintendent	Director of Technology	06/28/2024	0
Action Step 4	N/A	N/A	N/A	N/A	02/23/2022	N/A

7. This question is optional.

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

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

2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 1

---

Page Last Modified: 07/11/2022

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

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

IV. Action Plan - Goal 2

Page Last Modified: 04/28/2022

1. Enter Goal 2 below:

Continue supporting one-to-one Chromebook and associated technology programs through infrastructure updates and upgrades.

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.

- 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.

This technology goal will be measured by monitoring budgeted investments in the district's technology network infrastructure.

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	Infrastructure	The district will upgrade aging interactive monitors	Director of Technology	Business Official	06/27/2025	\$364,000
Action Step 2	Infrastructure	This district will upgrade aging access points	Director of Technology	Business Official	06/28/2024	\$271,450
Action Step 3	Infrastructure	The district will need to	Director of	Business Official	06/28/2	\$89,000



2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 2

Page Last Modified: 04/28/2022

	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
	e	purchase updated licensing for access points	Technology		024	
Action Step 4	Infrastructure	This district will need to upgrade the firewall.	Director of Technology	Business Official	06/27/2025	\$40,000

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	Infrastructure	The district will continue to upgrade Chromebooks	Director of Technology	Business Official	06/27/2025	\$175,000
Action Step 6	Infrastructure	The district will upgrade Teaching Assistant Laptops	Director of Technology	Business Official	06/28/2024	\$50,000
Action Step 7	Infrastructure	The district will upgrade Cisco Switches	Director of Technology	Business Official	06/27/2025	\$165,000
Action Step 8	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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

IV. Action Plan - Goal 3

Page Last Modified: 04/28/2022

1. Enter Goal 3 below:

Provide expanded opportunities for students in all grade levels to enhance their digital media and literacy skills.

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.

This instructional technology goal will be measured in several ways. Implementation of a typing program, like keyboarding without tears to track and evaluate student participation and proficiency in typing. Implementation of a digital literacy assessment such as Northstar Basic Computer Skills to assess the knowledge and skills elementary students have. Teach students how to identify legitimate sources of information. Teach students to read the fine print in technology agreements, especially click through agreements, to better understand the contractual expectations being placed on them and their data including personally identifiable information (PII).

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	Purchasing	To meet the needs for this goal the district	Director of Technology	Business Official	06/30/2023	\$16,000

2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 3

Page Last Modified: 04/28/2022

	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
		will continue the use of Google Suite for Education Enterprise Edition				
Action Step 2	Purchasing	To meet the needs for this goal The district will continue use of keyboarding without tears	Assistant Superintendent	Director of Technology	06/30/2023	\$12,000
Action Step 3	Curriculum	The district will revise curriculum to integrate technology and integrate the NYSED Digital Fluency Standards.	Assistant Superintendent	Director of Technology	06/27/2025	\$20,000
Action Step 4	Planning	To meet the needs of this goal the district will continue meetings of the District Technology Committee	Director of Technology	Superintendent	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	Implementation	To meet the needs of this goal the district will evaluate and implement new and emerging technologies	Director of Technology	Library Media Specialists	06/27/2025	\$30000
Action Step 6	Staffing	To meet the needs of this goal the district will implement one or more Technology Coach/Integration positions	Superintendent	Director of Technology	06/27/2025	\$200,000
Action Step 7	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 3

Page Last Modified: 04/28/2022

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

**8. Would you like to list a fourth goal?**

No

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

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

## V. NYSED Initiatives Alignment

Page Last Modified: 07/11/2022

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

In an effort to support rigorous academic standards and improve student performance the Beacon City School District has integrated one-to-one Chromebooks and associated technology throughout the district in grades K-12. The district has implemented several pieces of software to assess and assist students in meeting these rigorous academic standards. The district will continue to use instructional technology to build and enhance students' foundational technology skills, and build upon these skills to foster student creativity and engagement through the use of technology. These skills will support rigorous academic standards and student improvement by preparing students to take standardized tests administered by NYSED and provide opportunities for students to become independent learners.

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 district plans to continue providing a one-to-one Chromebook to every student and provide hot spots to any student that needs one to ensure connectivity both at school and at home.

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.**

Instruction is differentiated using technology to support individual learning needs of this group as recommended through our relationship with our BOCES assistive technology specialists employing the utilization of text to speech, inverted color, text to braille, bookshare, and other software programs. Students in our district have several educational programs that support their learning needs. We use Keyboarding Without Tears to teach our young students' keyboard skills. We have adaptive programs to support our students with disabilities such as text-to-speech, features, and translation support for ENL students. Our i-Ready diagnostic has an adaptive intervention program that teaches our students in grades K-8 strategies in both Reading and math that need support. We also have a test prep program at the middle school to support our students who will participate in the New York State CBT assessments.

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)

2022-2025 Instructional Technology Plan - 2021

V. NYSED Initiatives Alignment

Page Last Modified: 07/11/2022

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 type="checkbox"/> Research, writing and technology in a digital world  | <input checked="" type="checkbox"/> Electronic communication and collaboration   |
| <input 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 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

---

Page Last Modified: 07/11/2022

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 checked="" type="checkbox"/> Promotion of model digital citizenship and responsibility       |
| <input type="checkbox"/> Writing and technology workshop for teachers                                       | <input checked="" 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 checked="" type="checkbox"/> The interactive whiteboard and language learning                |
| <input checked="" 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 checked="" type="checkbox"/> Using technology to differentiate instruction in the language classroom |   |

## 2022-2025 Instructional Technology Plan - 2021

## V. NYSED Initiatives Alignment

Page Last Modified: 07/11/2022

**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 checked="" 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 type="checkbox"/> Assess readiness-to-use technology/skills/before disseminating devices to students experiencing homelessness and/or housing insecurity.                                   | <input type="checkbox"/> Provide online mentoring programs.  |
| <input checked="" type="checkbox"/> Set enrollment forms to automatically provide the McKinney-Vento liaison with contact information for students who indicate possible homelessness and/or housing insecurity  | <input 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 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 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 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

---

Page Last Modified: 07/11/2022

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

- a) The district uses instructional technology to strengthen relationships and connections with families to assist in building a culturally responsive learning environment to enhance student learning.
- b) The district uses instructional technology to facilitate classroom projects that involve the community.
- c) The district uses instructional technology to develop and organize coherent and relevant units, lessons, and learning tasks that build upon students' cultural backgrounds and experiences.
- d) The district uses instructional technology to assist in varying teaching approaches to accommodate diverse learning styles and language proficiencies.
- e) The district uses instructional technology to enable students to communicate and collaborate with students in different schools or districts in New York State, the United States, or with different countries.
- f) The district uses instructional technology to facilitate collaborative classroom projects among heterogeneous student groups.
- g) Other (please identify in Question 10a, below)

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

2022-2025 Instructional Technology Plan - 2021

VI. Administrative Management Plan

Page Last Modified: 04/28/2022

1. Staff Plan

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

	Full-time Equivalent (FTE)
District Technology Leadership	1.00
Instructional Support	0.00
Technical Support	7.00
<b>Totals:</b>	<b>8.00</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	Professional Development	Travel to Professional Conferences	250,000	Annual	<input checked="" type="checkbox"/> BOCES Co-Ser purchase <input checked="" type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Materials Aid <input type="checkbox"/> Instructional Resources Aid <input type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other (please identify in next column, to the right) <input type="checkbox"/> N/A	N/A
2	Staffing	Hiring of an Technology Coach/Integrator	250,000	Annual	<input checked="" type="checkbox"/> BOCES Co-Ser purchase <input checked="" type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public	N/A

2022-2025 Instructional Technology Plan - 2021

VI. Administrative Management Plan

Page Last Modified: 04/28/2022

	Anticipated Item or Service	"Other" Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source	"Other" Funding Source
					<input type="checkbox"/> 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	Network and Infrastructure	Upgrade of switches, access points, and firewall	750,000	Annual	<input checked="" type="checkbox"/> BOCES Co-Ser purchase <input checked="" type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input checked="" 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	End User Computing Devices	Purchase of Chromebooks and Laptops	250,000	Annual	<input checked="" type="checkbox"/> BOCES Co-Ser purchase <input checked="" type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Materials Aid	N/A

2022-2025 Instructional Technology Plan - 2021

VI. Administrative Management Plan

Page Last Modified: 04/28/2022

	Anticipated Item or Service	"Other" Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source	"Other" Funding Source
					<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>1,500,000</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.beaconk12.org/Page/1512>

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

Page Last Modified: 02/24/2022

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

- |  |   |   |
|--|---|---|
| <input 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 type="checkbox"/> Professional Development / Professional Learning           |
| <input type="checkbox"/> Blended and/or Flipped Classrooms                 | <input 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 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 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	(No Response)	(No Response)	(No Response)	<input type="checkbox"/> 1:1 Device Program <input type="checkbox"/> Active Learning Spaces/Makerspaces <input type="checkbox"/> Blended and/or Flipped Classrooms <input type="checkbox"/> Culturally Responsive Instruction with Technology <input type="checkbox"/> Data Privacy and Security <input type="checkbox"/> Digital Equity Initiatives <input type="checkbox"/> Digital Fluency Standards <input type="checkbox"/> Engaging School Community through Technology <input type="checkbox"/> English Language Learner <input type="checkbox"/> Instruction and Learning with Technology <input type="checkbox"/> Infrastructure <input type="checkbox"/> OER and Digital Content <input type="checkbox"/> Online Learning <input type="checkbox"/> Personalized

2022-2025 Instructional Technology Plan - 2021

VII. Sharing Innovative Educational Technology Programs

Page Last Modified: 02/24/2022

	Name of Contact Person	Title	Email Address	Innovative Programs
				<input type="checkbox"/> Learning 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

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

2022-2025 Instructional Technology Plan - 2021

VII. Sharing Innovative Educational Technology Programs

Page Last Modified: 02/24/2022

	Name of Contact Person	Title	Email Address	Innovative Programs
				Learning with Technology <input type="checkbox"/> Infrastructure <input type="checkbox"/> OER and Digital Content <input type="checkbox"/> Online Learning <input 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 <input type="checkbox"/> English Language Learner <input type="checkbox"/> Instruction and

2022-2025 Instructional Technology Plan - 2021

VII. Sharing Innovative Educational Technology Programs

Page Last Modified: 02/24/2022

	Name of Contact Person	Title	Email Address	Innovative Programs
				Learning with Technology <input type="checkbox"/> Infrastructure <input type="checkbox"/> OER and Digital Content <input type="checkbox"/> Online Learning <input 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 <input type="checkbox"/> English Language Learner <input type="checkbox"/> Instruction and



2022-2025 Instructional Technology Plan - 2021

VII. Sharing Innovative Educational Technology Programs

---

Page Last Modified: 02/24/2022

	Name of Contact Person	Title	Email Address	Innovative Programs
				Learning with Technology <input type="checkbox"/> Infrastructure <input type="checkbox"/> OER and Digital Content <input type="checkbox"/> Online Learning <input 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

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).