

2022-2025 Instructional Technology Plan - 2021

I. District LEA Information

Page Last Modified: 07/21/2021

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

Michael Pavlock

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

Director of Technology

For help with completing the plan, please visit [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**II. Strategic Technology Planning**

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1. What is the overall district mission?

The Scio Central School community believes that all children can learn. Using all available resources, our graduates will be prepared to be active participants in an ever-changing world. Students will realize their potential and will be guided in the development of self-esteem, responsibility, and mutual respect. The home, school, and community will work together in an atmosphere of shared purpose and consistent expectations.

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

The Scio Central School vision reflects our desire to move our students and their teachers in the direction of advanced levels of learning and thinking that are facilitated with the use of technology. We want all students to be proficient with the use of technology, but more importantly to be able seamlessly incorporate their knowledge of technology in their pursuit of learning in all areas.

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 plan was developed by a group of district employees and residents in a variety of capacities.

The stakeholders include:

Jennifer Cappelletti - Superintendent

Cristy McKinley - PK-12 Principal

Michael Pavlock - Technology Coordinator

Kevin Mole - Classroom Teacher - Teacher's Association President

Nichele Linderman - District Business Manager

Daniel Lyng - BOCES technician

Amanda McDonnell - BOCES technician

Cathy Law - Community member

This group meets quarterly or on an as-needed basis to develop long and short term goals for the district in technology. The group will develop the district technology plan and meet to determine if the plan is being followed and if modifications need to be made. The group also looks at the current financial situation of the district to determine if the necessary funding is available to continue with the plan's goals. If any shortcomings are foreseen, action is taken to either cut back part of the plan to more realistically represent funding or look for grants or other funding sources that can help fund the original plan.

This group began its work on the current plan in July 2021 and will continue to meet through the development and evaluation process. The outcomes will be mutually development through surveys with the community, students, and staff, discussions with the committee, and the recognition of ongoing technology needs that come up over time.

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

In the last plan, one of our goals was to implement a 1:1 computing program. We started implementing the plan with two grade levels in 2019. Once COVID hit, we realized we needed to fast track the plan and get devices into everyone's hands. As a result we purchased a great number of devices at one time. As a result, this new plan has to address how to support, update and replace these devices over the long term. We also did several updates to our network infrastructure ahead of schedule to support this influx of devices. So our planning process for this new plan much consider how we continue to build the necessary infrastructure to support everything we purchased. We did quite a bit on online professional development with staff to help implement this new technology but many still need more in-depth training on utilizing the 1:1 devices. Fortunately we were able to meet most of our goals and objectives of the last plan so we need to continue to develop a logical and reasonable plan.

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

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

Being a rural district in a remote part of New York State, the district struggled to get students technology access during the pandemic. We purchased 150 laptops and 40 ipads so every student in Pre-K through 12 had a device that they could use from home. The laptops were delivered to each student's home during the height of the lockdowns as no students or staff were allowed in the building during the last 3 months of the 2019-2020 school year. Teachers that didn't have a device at home were also supplied with a district laptop from carts that were in the classrooms. Teachers did multiple training with CA BOCES on zoom and Teams remotely from home. All classes were remote between April and June of 2020. Connectivity at home was impossible for about 10 percent of the Scio population as there is no internet available in the remote portions of our district. We tried multiple ways to get a signal to them but couldn't. We ultimately set up a couple of hotspots around the district so parents could drive their students to these locations to get assignments and connect with their teachers. While not ideal, it was the only option we had at the time. As part of our new technology plan, we are continuing to look at ways to allow students to connect from home. We also are planning to update many of the devices that staff and students used. Many of the devices were several years old and were very slow. We are planning to update many of these devices. We will also continue to work with CA BOCES and Erie I BOCES on online learning training. While all of our students are currently back in the building, we need to plan for a situation where we might have to go back to remote learning.

6. Is your district currently fully 1:1?

Yes

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 Professional Development Plan for the Scio Central School District describes a vision for adult learning that is collaborative, continuous, embedded in daily practice, and focused on student achievement. This model builds on and strengthens the successes already evident in the district. We strive to strengthen this culture that supports adult learning by providing a framework that affords every educator an opportunity to enrich their practice. While improved student learning is the ultimate goal of professional development, this comprehensive plan will also provide additional benefits of improved job satisfaction, improvement of the ability to recruit and retain new educators, increase our knowledge of innovative practices, fulfill the NYSED requirements for professional development planning, and promote shared decision-making and inclusive leadership. The scope of professional development (PD) in the Scio Central School District will not be limited to attending a workshop or participating in a seminar with a visiting expert. Professional development will consistently be an ongoing process that involves sustainable improvement in student learning and instructional practices. This requires evaluation of student performance and teacher self-assessment, identifying possible courses of action, testing new approaches, assessing results and then beginning the process anew. This work is best done with colleagues and not alone because each of us is limited by our own perception of the problem and knowledge of possible solutions. In the Scio Central School District, our approach to professional development is to make certain that all educators have the best possible skills, content knowledge, and preparation for teaching. The needs of learners demand innovative, progressive, and cutting-edge instruction. The Scio Central School district is committed to high-quality, research-based professional development to provide ongoing growth for practitioners within our organization, as well as to the assessment of ongoing professional development initiatives. Professional development provided to internal employees is tailored to the needs of the individual district, and building, progresses across grade level and when appropriate, is continuous and sustained.

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

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

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

Significantly
- 2. Digital Use – The District’s learners, teachers, and administrators are proficient in the use of technology for learning.**
The district has met this goal:

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:

Moderately

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2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 1

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1. Enter Goal 1 below:

Scio Central School will continue to maintain a one-to-one device program for all students and teachers in grades K-12. We will provide technical support to maintain and update the devices on a regular basis. We will also purchase new laptops for staff and teachers. We will purchase software and implement program that will utilize the technologies purchased in a richer way.

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.

We will maintain an inventory on how many students, staff, and devices we have on an ongoing basis. Each device will be regularly updated and maintained to eliminate as much down time as possible. The district will have a supply of backup devices if any breakdowns occur and will develop an efficient process to repair and replace any devices that break down.

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	Budgeting	Maintain a line item of \$100,000 per year for purchase of new devices and other items that	Business Official	Technology Coordinator	08/31/2022	\$100,000

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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
		support the one-to-one program				
Action Step 2	Collaboration	Work with technicians, guidance, and administration to determine the number of devices needed.	Director of Technology	District Technicians	08/31/2022	\$5000
Action Step 3	Cybersecurity	Install the necessary protective software on each device maintained by the district to prevent any cybersecurity breaches.	Director of Technology	District Technicians	08/31/2022	\$50,000
Action Step 4	Staffing	Hire a district technology coordinator and 2 district technicians to maintain and support the initiative	Superintendent	Business Manager	07/01/2022	\$150,000
Totals:						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	Data Privacy	Be sure any software installed on the devices is Ed 2D compliant	Superintendent	Technology Coordinator	08/31/2022	\$500
Action Step 6	Purchasing	Purchase hardware and software to enhance online conference, trainings, and classes	Superintendent	Technology Coordinator	06/23/2023	\$5000
Action Step 7	Staffing	Hire a STEM teacher for the elementary level.	Superintendent	(No Response)	08/31/2023	\$50,000
Action Step 8	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Totals:						0

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IV. Action Plan - Goal 1

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2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 2

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1. Enter Goal 2 below:

The district will use CA BOCES, Erie I BOCES, and district employees and technicians to conduct ongoing professional development and trainings on needed technology related topics.

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

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

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

- 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.

For every in-person training conducted, there will be an evaluation survey at the end of the professional development that will ask a few brief questions about the quality of the session. For online trainings through BOCES, their evaluation system will be used to evaluate it's effectiveness. Surveys will be analyzed to see if any changes need to be made to meet the attendee's needs.

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	Planning	Plan professional development for technology	Curriculum and Instruction Leader	Tech Coordinator	06/28/2024	10,000

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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	Research	Survey teachers for professional development needs	Curriculum and Instruction Leader	Tech Coordinator	06/28/2024	1,000
Action Step 3	Implementation	Conduct professional development	Curriculum and Instruction Leader	Tech Coordinator	06/28/2024	100,000
Action Step 4	Evaluation	Evaluate professional development	Curriculum and Instruction Leader	Tech Coordinator	06/28/2024	1,000
Totals:						112,000

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	(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)
Totals:						0

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IV. Action Plan - Goal 3

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1. Enter Goal 3 below:

Upgrade the district's network capabilities to incorporate new technologies that will be added to the school's infrastructure.

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.

As part of the building project, the district will hire a person who will oversee the installation of any wiring and new appliances for the network. Erie IBOCES will make sure the new equipment is secure and works on our network and will maintain the security needed to avoid major cyberattacks.

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	Infrastructure	Install a new clock and PA system for the district.	Other (please identify in Column 5)	Maintenance director	06/30/2023	100,000
Action Step 2	Planning	Meet with companies involved with building project, BOCES staff, and district staff to	Superintendent	Technology Coordinator	06/30/2024	10,000

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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
		determine needs				
Action Step 3	Professional Development	Train staff on new technologies that come into the district	Curriculum and Instruction Leader	Technology Coordinator	06/30/2024	100,000
Action Step 4	Cybersecurity	Setup and maintain cybersecurity software for all district owned devices and protect the network from cyberattack	Superintendent	Technology Coordinator	06/30/2024	150,000
Totals:						360,000

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)
Totals:						0

8. Would you like to list a fourth goal?

No

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2022-2025 Instructional Technology Plan - 2021

V. NYSED Initiatives Alignment

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

All teachers, teaching assistants, and teacher aids will be encouraged and trained to utilize the available technology in the district. Almost all classrooms have smartboards and all students have devices that can and should be used to enhance the curriculum for each course. Software is purchased that is Ed2D compliant that support different curriculum. Students are expected to do assignments that are technology based that support the curriculum. Students new to the district or those struggling utilizing this technology will receive support through the teachers and technology staff. Teachers are observed twice per year and part of the annual evaluations include whether the teacher is utilizing instructional technology in their classroom. Support will be given to those that demonstrate a limited ability to integrate this technology in the classroom through professional development opportunities offered through both Erie I BOCES and Cattaraugus-Allegany BOCES.

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.

Scio Central School is committed to providing equitable learning to the greatest extent possible. We do not discriminate in any way and do our best to provide equal access to all educational tools.

Each student Pre-K-12 is given a device (An iPad for Pre-k - 2 and a laptop from grades 3-12) to utilize in the classroom. Student may take these devices home to complete assignments as well. We have 2 Erie I BOCES technicians and a technology coordinator in the district to support these devices. Most of these devices were purchased at the beginning of COVID in 2020 so replacement will be a challenge since the devices will need to be replaced at a similar time. We are looking at using money through Smart Schools and our annual BOCES purchase money to update and repair these devices as they go out of warranty and ultimately need replacement. Internet access is a big challenge in our district as about 10 percent of our students are in an area with no internet access available. For those students we will download assignments before they leave school. At school all devices are connected to the district's wireless network and all students have access to a variety of educational software.

3. Students with disabilities may be served through the use of instructional technology as well as assistive technology devices and services to ensure access to and participation in the general education curriculum. Describe how instruction using technology is differentiated to support the individual learning needs of students with disabilities.

Students with disabilities are evaluated individually with multiple meetings to determine what extra support they need from a technological perspective. There is no barrier to purchasing whatever each student is determined to need. We have several students that need text to speech capabilities and we add that capability to their device. Teachers that have these students are given the information needed on the student that helps them determine the best way to support them in the classroom. If a 1-1 aide is required, that person is brought into the classroom. If not, the teacher will modify instruction so as to support whatever needs the individual student needs.

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.

No

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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 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 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 type="checkbox"/> The power of technology to support language acquisition | <input checked="" type="checkbox"/> Other (please identify in Question 8a, below) |
| <input type="checkbox"/> Using technology to differentiate instruction in the language classroom | |

- 8a. If 'Other' was selected in Question 8 above, please explain here.**

We currently have no English Language Learners in the district. If students do come into the district

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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 checked="" 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 checked="" 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 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 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 type="checkbox"/> Class lesson plans, materials, and assignment instructions are available to students and families for | <input type="checkbox"/> Make sure technology/support is offered in multiple languages. |
| <input type="checkbox"/> Create mobile enrollment stations by equipping buses with laptops, internet, and staff at peak enrollment periods. | <input type="checkbox"/> Direct instruction is recorded and provided for students to access asynchronously (such as through a learning management system, DVD,/ or private online video channel)./ | <input type="checkbox"/> Other (Please identify in Question 9a, below) |
| <input checked="" type="checkbox"/> Provide/students/experiencing homelessness/and/or housing insecurity with tablets or laptops, mobile hotspots, prepaid cell phones, and other devices and connectivity. | <input checked="" type="checkbox"/> Technology is used to provide additional ways to access key content, such as providing videos or other visuals to supplement verbal or written instruction or content. | |

2022-2025 Instructional Technology Plan - 2021V. 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.

2022-2025 Instructional Technology Plan - 2021

VI. Administrative Management Plan

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1. Staff Plan

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

	Full-time Equivalent (FTE)
District Technology Leadership	0.20
Instructional Support	0.00
Technical Support	2.00
Totals:	2.20

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	Instructional and Administrative Software	Smartboard replacement and new boards	150,000	Both	<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	State Aid
2	End User Computing Devices	Replace student devices and purchase teacher and staff laptops	500,000	One-time	<input checked="" type="checkbox"/> BOCES Co-Ser purchase <input checked="" type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public	State Aid

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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"/> Bond <input type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Materials Aid <input checked="" type="checkbox"/> Instructional Resources Aid <input checked="" type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other (please identify in next column, to the right) <input type="checkbox"/> N/A	
3	Internet Connectivity	update wireless network, update switches, purchase clock and PA system	600,000	One-time	<input checked="" type="checkbox"/> BOCES Co-Ser purchase <input type="checkbox"/> District Operating Budget <input checked="" 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 checked="" type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other (please identify in next column, to the right) <input type="checkbox"/> N/A	State aid
4	Staffing	Hire 2 BOCES techs, a Tech Coordinator and a STEM coordinator	350,000	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 checked="" type="checkbox"/> Grants <input type="checkbox"/> Instructional Materials Aid	State Aid

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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 checked="" type="checkbox"/> Instructional Resources Aid <input type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other (please identify in next column, to the right) <input type="checkbox"/> N/A	
Totals:			1,600,000			

3. **Has the school district provided for the loan of instructional computer hardware to students legally attending nonpublic schools pursuant to Education Law, section 754?**

Yes

4. **Districts are required to post either the responses to this survey or a more comprehensive technology plan that includes all of the elements in this survey. Please provide the URL here. The URL must link to a public website where the survey or plan can be easily accessed by the community.**

<https://www.sciotigers.org/Page/68>

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.

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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 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	Michael Pavlock	Technology Coordinator	mpavlock@sciocsd.org	<input checked="" 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

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	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

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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
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
				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

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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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