

2022-2025 Instructional Technology Plan - 2021

I. District LEA Information

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

Aaron Berube

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

Director of Technology

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

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1. What is the overall district mission?

Our mission is to encourage growth of individual talent, confidence and pride in an environment where each person can develop skills and attitudes to become a responsible, understanding, and productive member of a changing society.

"Small Community, Big Impact"

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

The use of instructional technology and effective instructional strategies will provide our students with skills necessary to compete in our technological society.

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 Instructional Technology Plan was developed in alignment with the Strategic Planning Goals of Cato-Meridian Schools. Strategic Planning began in 2019 and continues with a broad spectrum of participation including but not limited to Administrators, Teachers, Parents, Community Members, Staff and Students. As part of this process an in-depth needs assessment was completed that included but was not limited to surveys, Building Condition Survey, Teacher, Student and Parent Interviews as well as a comprehensive data review of student achievement.

The Instructional Technology Planning Committee is a subcommittee of the Professional Development Committee that further supports the goals of our strategic plan. This Committee worked with the Smart Schools Bond Committee to reflect both the infrastructure and instructional technology needs of our students. This committee's membership reflects Administration, Teachers, as well as District Staff.

The Instructional Technology Planning Committee met four times to review the recommendations of the Professional Development Committee and to further develop the goals and action steps necessary to continue our growth in this area.

The following outcomes were identified and prioritized by this group.

1. Infrastructure Component (Smart Schools, Erate)
2. Professional Learning Communities (Effective Collegial and Collaboration Structures)
3. Professional Development (Instructional Technologies and Data Driven Instruction)

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

Cato-Meridian's current Instructional Technology Plan continues to build on the goal of infrastructure development. We will continue to improve our infrastructure to support our 1:1 initiative as well as to improve the security and speed of our network.

This plan continues to improve teacher capacity by focusing on improving their ability to function in collegial data focused teams. This will allow teachers to more effectively engage in conversations around student achievement and work collaboratively to address areas of strength and weakness.

This plan continues to improve our students and teachers ability to utilize technology more effectively to ensure equitable access to quality instruction, materials and resources.

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

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

Our Instructional Technology Plan reflects the improvements we made in response to the Global Pandemic. We integrated 1:1 devices for students to support equitable access and have recognized that our teachers would benefit from further professional development to support student areas of learning loss. This plan reflects the needs for our teachers to improve their ability to integrate technology in engaging and effective ways.

The CM Instructional Plan also reflects needed infrastructure improvements to support increased usage of our network. It also reflects the need to better safeguard our network as well as personal private sensitive information.

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.

Cato-Meridian will be supporting the capacity of educators and administrators in the attainment of the instructional plan vision through the following means:

1. Professional Learning Communities Training: Administrators and Teacher Leaders will participate in indepth professional development around creating and facilitating highly successful Professional Learning Communities (summer 2022).
2. Professional Development PLC: Teachers will engage in professional development around implementing effective PLC strategies (e.g. facilitation, meeting planning and data review).
3. Professional Development : Effective Implementation of Technology: Teachers will be provided with opportunities to improve their use of instructional technology in concert with improved instructional strategies to support student engagement and achievement.

The Instructional Technology Plan aligns with our strategic plan to improve our students' success. This reflects the need to improve our teachers capacity as well as provide equitable access to quality instruction and technology.

The current capacity of teachers was determined through the following means: teacher surveys, observations, walkthroughs, data review of student achievement as well as engagement with existing technological platforms.

The Professional Development Committee will continue to support teachers in accessing targeted, needs based and personalized professional development. Regular surveys, data review and strategic planning goals will be considered to support teachers in improvement. Specific teacher professional development may also be driven through administrative recommendations.

The Professional Development Plan will be evaluated through the following means:

1. Completion of Actions Steps
2. Teacher Participation
3. Teacher Implementation of Professional Development
4. Student Achievement Data

The Professional Development Committee will be engaging in significant professional development around Professional Learning Communities. This will support this group in designing and implementing high quality professional development.

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2022-2025 Instructional Technology Plan - 2021

III. Goal Attainment

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

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

The district has met this goal:

Significantly

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

The district has met this goal:

Significantly

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

The district has met this goal:

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:

Significantly

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2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 1

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1. **Enter Goal 1 below:**

Implement Professional Learning Communities that support teachers in collaborating effectively with their peers to support the implementation of data driven instruction, social emotional learning and to enhance high quality instructional practices to meet the needs of diverse learners.

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.**

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

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

- Teachers/Teacher Aides
- Administrators
- Parents/Guardians/Families/School Community
- Technology Integration Specialists
- Other

2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 1

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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.**

Cato Meridian will monitor and evaluate the effectiveness of the identified strategies through the following means: The Professional Development Committee, School Improvement Teams, MTSS and Administrative Teams. These teams will review student data quarterly as well as at the end of the school year. The data reviewed will include but will not be limited to the following: student academic assessment data (benchmarking, summative and state assessments), student behavioral assessments (BIMAS-2), discipline data, attendance data, quarantine data (student absences as well as quarantine instruction participation), parent survey and anecdotal information, teacher survey information as well as feedback from our community. In addition to these means, the teams will review Free and Reduced Lunch numbers, initial referrals to CSE, homeless student numbers as well as ELL assessment results. From this yearly review, the teams will determine if adjustments are needed in our Federal Stimulus Plan to better address areas of concern. Any needed changes will be made to the plan following this review. Any changes to said plan will be communicated to faculty and staff through faculty meetings, SIT meetings, and to parents through modifications to the plan posed on the website as well as through Board of Education reviews.

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	Professional Development	Professional Learning Communities Training	Superintendent	Assistant Superintendent	06/30/2022	25,000
Action Step 2	Professional Development	Professional Learning Communities Training	Curriculum and Instruction Leader	Assistant Superintendent	06/30/2023	10,000
Action Step 3	Planning	Design Master Schedules that support high quality collaborative team planning	Other (please identify in Column 5)	Scheduling Committee	06/30/2024	0
Action Step 4	Professional Development	Ongoing coaching and professional development in effective collaborative conversations	Curriculum and Instruction Leader	Building Leaders	06/30/2025	300,000

7. **This question is optional.**

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IV. Action Plan - Goal 1

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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)
Action Step 8	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 2

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1. **Enter Goal 2 below:**

Professional development to support teachers in effectively utilizing data to drive instruction. Teachers will improve their ability to utilize technology to address areas of student strength and weakness. Teachers will design and implement instructional strategies to address areas of deficit.

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.**

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

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

- Teachers/Teacher Aides
- Administrators
- Parents/Guardians/Families/School Community
- Technology Integration Specialists
- Other

2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 2

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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.**

Success Metrics:

1. PD utilizing data driven technological tools: Teacher participation in training. Analytics of BIMAS and STAR 360 reflecting usage per district recommendations.
2. PD Analyzing Data: Teacher participation in training. PLC Team Meetings Documentation reflecting conversations around student data. Evidence of data analysis in lesson planning. Reflective conversations during observation and coaching cycles.
3. PD for Development: Teacher Participation. Lesson plans reflecting the use of effective strategies. Observations reflecting implementation of said strategies. Student assessment data (BIMAS, STAR 360, NYSED Assessments, formative and summative assessments) demonstrating student growth.

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

	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
Action Step 1	Professional Development	Train teachers in use of technology based assessments	Instructional/PD Coach	Building Leaders	06/30/2023	50,000
Action Step 2	Professional Development	Train teachers in analyzing student data to identify areas of strength and weakness	Curriculum and Instruction Leader	Building Leaders	06/30/2024	50,000
Action Step 3	Professional Development	Train teachers in developing and implementing strategies to address identified areas.	Curriculum and Instruction Leader	Building Leaders	06/30/2025	50,000
Action Step 4	N/A	NA	N/A	NA	06/30/2021	NA

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.

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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 5	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 6	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 7	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 8	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 3

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1. **Enter Goal 3 below:**

Cato-Meridian will improve its technological infrastructure to ensure a robust, secure network to better support student, teacher and community access to technology.

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

Design, implement, and sustain a robust, secure network to ensure sufficient, reliable high-speed connectivity for learners, educators, and leaders

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

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

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

- Teachers/Teacher Aides
- Administrators
- Parents/Guardians/Families/School Community
- Technology Integration Specialists
- Other

2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 3

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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 infrastructure goal will be measured and evaluated through and after implementation by the following steps:

A. Wifi Installation: Progress towards completion will be measured through the process by the following metrics:

1. Completion of the Erate application (completed with the support of CNYRIC)
2. Receipt of Bids for Anticipated Work (completed with the support of CNYRIC)
3. Reserve of district portion of funds in budget planning (see BOCES Budget)
4. Scheduling of work with selected vendor (Director of Technology)
5. Upon completion of project, testing of all components will be completed to ensure that the WiFi can support robust use.(Vendor/DOT)

Bus Wifi: Progress towards completion will be measured by the following metrics:

1. Submittal of application to FCC Emergency Connectivity Fund
2. Reserve of district portion of funds in budget planning
3. Scheduling of installation
4. Completion of project, testing of all components will be completed.

Data Privacy: Progress towards completion will be measured by the following metrics:

1. Reserve of budgetary funds to support the cost of moving to off site services.
2. The Technology Department collaborates with CNYRIC to support the secure movement of data.
3. Ongoing monitoring of data privacy through CNYRIC and Technology measures.

Cyber Security: Progress towards completion will be measured by the following metrics:

1. Staff participation in training around internet security.
2. Staff participation in a service to test understanding compliance.
3. Periodic checks of cyber security compliance.

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 WiFi System	Director of Technology	Assistant Superintendent	12/31/2022	112,000
Action Step 2	Infrastructure	WiFi Access on Buses	Director of Technology	Assistant Superintendent	06/30/2023	94,000
Action Step 3	Data Privacy	Shifting servers from	Director of	Assistant	06/30/2	56,600

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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
		on site to more secure BOCES sites	Technology	Superintendent	024	
Action Step 4	Cybersecurity	Provide staff with professional development around cybersercurity	Director of Technology	Assistant Superintendent	06/30/2025	10,000

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	N/A	NA	N/A	NA	06/30/2021	NA
Action Step 6	N/A	NA	N/A	NA	06/30/2021	NA
Action Step 7	N/A	NA	N/A	NA	06/30/2021	NA
Action Step 8	N/A	NA	N/A	NA	06/30/2021	NA

8. Would you like to list a fourth goal?

No

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

Cato-Meridian's Strategic Plan is focused on ensuring Success for All Students through the provision of high quality instruction and varied education opportunities. Our Instructional Technology Plan is designed to support teacher capacity to engage in highly effective professional teams. This will allow for further professional development to support instructional strategies that integrate technology and address students needs and interests.

We currently are a 1:1 district and students engage with Google Classroom as well as a variety of Instructional Technologies including but limited to Project Lead The Way, Nearpod, Gizmo, Seesaw, STAR 360, BIMAS, Ed Puzzle, IXL, and BUZZ. Our teachers have improved their proficiency with Google and these other technologies as a result of the pressures of COVID-19. Our goal is to assist teachers in utilizing these technologies to better inform instruction.

- 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 Cato-Meridian School District is addressing the need to provide equitable learning everywhere through the following means:

1. Infrastructure Improvements (ERATE, Smart Schools)
2. BUS WIFI (ECF Grant Funding): FCC Emergency Connectivity Fund
3. 1:1 Access (Budget Development Reflecting Replacement Plan)
4. Equity Access (Mobile Hotspots)
5. Sensitive Student Assessment Measures (STAR 360, BIMAS)

- 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 using technology is differentiated to support the individual learning needs of students with disabilities through the following means:

1. Accessing Assistive Technology Assessments. This allows the CSE and teachers to ensure that technologies utilized are appropriate based on the individual student needs.
2. Communication Devices: Utilized with students who require communication support. Professional Development is provided to teachers to implement and support students in utilizing these supports.
3. Eye Gaze Technology
4. Teacher Consultation with CSE and Curriculum Coordinator

2022-2025 Instructional Technology Plan - 2021

V. NYSED Initiatives Alignment

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

- Class lesson plans, materials, and assignment instructions are available to students and families for "anytime, anywhere" access (such as through a class website or learning management system).
- Direct instruction is recorded and provided for students to access asynchronously (such as through a learning management system or private online video channel).
- Technology is used to provide additional ways to access key content, such as providing videos or other visuals to supplement verbal or written instruction or content.
- Text to speech and/or speech to text software is utilized to provide increased support for comprehension of written or verbal language.
- Assistive technology is utilized.
- Technology is used to increase options for students to demonstrate knowledge and skill.
- Learning games and other interactive software are used to supplement instruction.
- Other (please identify in Question 4a, below)

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

- | | |
|---|--|
| <input checked="" type="checkbox"/> Technology to support writers in the elementary classroom | <input checked="" type="checkbox"/> Using technology as a way for students with disabilities to demonstrate their knowledge and skills |
| <input checked="" type="checkbox"/> Technology to support writers in the secondary classroom | <input checked="" type="checkbox"/> Multiple ways of assessing student learning through technology |
| <input checked="" type="checkbox"/> Research, writing and technology in a digital world | <input 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) |

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

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

- Class lesson plans, materials, and assignment instructions are available to students and families for "anytime, anywhere" access (such as through class website or learning management system).
- Direct instruction is recorded and provided for students to access asynchronously (such as through a learning management system or private online video channel).
- Technology is used to provide additional ways to access key content, such as providing videos or other visuals to supplement verbal or written instruction or content.
- Text to speech and/or speech to text software is utilized to provide increased support for comprehension of written or verbal language.
- Home language dictionaries and translation programs are provided through technology.
- Hardware that supports ELL student learning, such as home-language keyboards, translation pens, and/or interactive whiteboards, is utilized.
- Technology is used to increase options for students to demonstrate knowledge and skill, such as through the creation of a product or recording of an oral response.
- Learning games and other interactive software are used to supplement instruction.
- Other (Please identify in Question 6a, below)

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

No

2022-2025 Instructional Technology Plan - 2021V. 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 checked="" type="checkbox"/> Technology to support writers in the elementary classroom | <input 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 checked="" type="checkbox"/> Enhancing children's vocabulary development with technology | <input type="checkbox"/> Web authoring tools |
| <input type="checkbox"/> Writer's workshop in the Bilingual classroom | <input type="checkbox"/> Helping students connect with the world |
| <input checked="" type="checkbox"/> Reading strategies for English Language Learners | <input type="checkbox"/> The interactive whiteboard and language learning |
| <input checked="" 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 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

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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.**

<p><input checked="" type="checkbox"/> McKinney-Vento information is prominently located on individual school websites, as well as the district website.</p> <p><input type="checkbox"/> If available, online/enrollment is easily accessible, written in an understandable manner, available in multiple languages and accessible from a phone.</p> <p><input checked="" type="checkbox"/> Offer/phone/enrollment as an alternative to/in-person/enrollment.</p> <p><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</p> <p><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.</p> <p><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</p>	<p><input type="checkbox"/> Provide students a way to protect and charge any devices they are provided/with/by the district.</p> <p><input checked="" type="checkbox"/> Replace devices that are damaged or stolen/as needed.</p> <p><input type="checkbox"/> Assess readiness-to-use technology/skills/before disseminating devices to students experiencing homelessness and/or housing insecurity.</p> <p><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.</p> <p><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.</p> <p><input type="checkbox"/> Class lesson plans, materials, and assignment instructions are available to students and families for</p> <p><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)/</p>	<p><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.</p> <p><input checked="" type="checkbox"/> Adjust assignments/to be completed successfully using/only/the/resources students have available./</p> <p><input type="checkbox"/> Provide online mentoring programs.</p> <p><input type="checkbox"/> Create in-person and web-based tutoring/programs/spaces/and/or live chats/to assist with assignments and technology/issues.</p> <p><input type="checkbox"/> Offer a technology/support hotline during flexible hours.</p> <p><input type="checkbox"/> Make sure technology/support is offered in multiple languages.</p> <p><input type="checkbox"/> Other (Please identify in Question 9a, below)</p>
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V. NYSED Initiatives Alignment

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- | | |
|---|--|
| clarify enrollment instructions. | <input checked="" type="checkbox"/> Technology is used to |
| <input type="checkbox"/> Create mobile enrollment stations by equipping buses with laptops, internet, and staff at peak enrollment periods. | provide additional ways to access key content, such as providing videos or other visuals to supplement verbal or written instruction or content. |
| <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. | |

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.

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VI. Administrative Management Plan

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1. Staff Plan

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

	Full-time Equivalent (FTE)
District Technology Leadership	1.00
Instructional Support	1.00
Technical Support	2.00
Totals:	4.00

2. Investment Plan

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

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

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

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

	Anticipated Item or Service	"Other" Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source	"Other" Funding Source
1	Network and Infrastructure	NA	112,000	One-time	<input checked="" type="checkbox"/> BOCES Co-Ser purchase <input type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input checked="" 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,	NA

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	Anticipated Item or Service	"Other" Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source	"Other" Funding Source
					to the right) <input type="checkbox"/> N/A	
2	Professional Development	NA	75,000	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 checked="" type="checkbox"/> Other (please identify in next column, to the right) <input type="checkbox"/> N/A	State Reserves Grant, Title 2A
3	Staffing	NA	175,000	Annual	<input type="checkbox"/> BOCES Co-Ser purchase <input checked="" type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Materials Aid <input type="checkbox"/> Instructional	Title 2A, ARP ESSER, State Reserves

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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
					Resources Aid <input type="checkbox"/> Smart Schools Bond Act <input checked="" type="checkbox"/> Other (please identify in next column, to the right) <input type="checkbox"/> N/A	
4	Network and Infrastructure	NA	56,600	Annual	<input checked="" type="checkbox"/> BOCES Co-Ser purchase <input type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Materials Aid <input type="checkbox"/> Instructional Resources Aid <input type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other (please identify in next column, to the right) <input type="checkbox"/> N/A	NA
Totals:			418,600			

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?

Not Applicable

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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.**

Plan will be posted at this URL following approval. The Path is as follows: www.catomeridian.org > District Office > Required Notices
<https://www.catomeridian.org/domain/25>

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 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
<input type="checkbox"/> Culturally Responsive Instruction with Technology	<input type="checkbox"/> Infrastructure	<input type="checkbox"/> Instruction and Learning with Technology
<input type="checkbox"/> Data Privacy and Security	<input type="checkbox"/> OER and Digital Content	<input type="checkbox"/> Technology Support
<input type="checkbox"/> Digital Equity Initiatives	<input type="checkbox"/> Online Learning	<input type="checkbox"/> Other Topic A
<input type="checkbox"/> Digital Fluency Standards	<input type="checkbox"/> Personalized Learning	<input type="checkbox"/> Other Topic B
		<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

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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

3. If you want to list multiple contact points for the innovative programs above, please provide the names, titles, and e-mail addresses of the people to be contacted to obtain more information about the innovative program(s) at your district.

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

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

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

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

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	Name of Contact Person	Title	Email Address	Innovative Programs
				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.