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?**

Brent Jordan

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

Director of Technology

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

   HAMBURG CENTRAL SCHOOL DISTRICT

   Inspiring Today. Empowering Tomorrow.
   VISION

   Educating modern thinkers who create, care, solve and discover
   MISSION

   Engaging all students in learning experiences that inspire lifelong learning and empower each for their future
   CORE VALUES

   We...
   - honor every learner as a unique person and adapt to the needs of each
   - inspire the love of learning in every student
   - ensure that our schools are places of innovative teaching and active learning
   - are proud of our past and committed to our future
   - ensure that our schools are safe, kind, and welcoming so that we make every day a great day to be a *Hamburg Bulldog*

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

   Technology Mission
   Technology will enhance instruction, strengthen communication, and increase efficiency of operations while providing opportunities for students and staff to acquire the skills and knowledge necessary to succeed.
   Technology Vision Statement
   The Hamburg Central School District will provide the technology resources and support necessary to assure that all students will meet the New York State (N.Y.S.) Learning Standards and become self-directed, self-motivated, and lifelong learners. Teachers will increasingly be facilitators of student learning through proficient use of learning technologies. Teachers will incorporate high quality information resources in their teaching strategies to address multiple learning styles, to motivate and engage students, and to support student exploration and growth.
   Technology will:
   Empower students to be productive, self-directed, and creative problem solvers through the effective use of technology
   Increase the effective use of digital environments to communicate and collaborate.
   Enhance and expand the use of technology to promote college and career readiness
   Inspire educators to effectively integrate technology to support curriculum and improve student achievement.
   Provide opportunities for students of various learning styles and abilities.
   Continue to support, maintain, and enhance a technology infrastructure and inventory that supports the learning and work environment.
   Ensure that technology is accessible and learning opportunities are available to all students, including students with disabilities
   Provide opportunities for staff to utilize new and emerging technologies that enhance teaching and learning.

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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 Hamburg Central School District Technology Plan is viewed as a living document that will be monitored and changed as needed to maintain effective implementation and integration of emerging technologies. The Assistant Superintendent of Student Services, Curriculum & Instruction, Chief Information Officer & Director of Instructional Technology, Director of Curriculum Instruction and Assessment and other designated administrators will be responsible for monitoring the implementation and integration of technology in the district.
The impact of technology support of the teaching and learning process will drive the plan evaluation and will include reviews, analysis, and recommendations for modifications of each goal category: Teaching and Learning, Professional Development, Administrative Support, Infrastructure, and Community Engagement from the previous Instructional Technology Plan.

The District Technology Committee will meet quarterly to review the implementation status of the plans objectives and strategies based on timelines, resources, and funding with provided documentation from responsible staff members. Documentation may include hardware/software inventory reports, installation schedules, software/network usage reports, technology standards and expectations defined, training handouts, training sign-in sheets, training survey results. The effectiveness of technology programs and resources identified in the Plan for improving student achievement will be monitored and evaluated bi-annually. The Technology Committee will recommend modifications and updates to the Hamburg Central School District Technology Plan annually. Hamburg Central School District Technology Plan achievements and modifications will be reported annually to the Hamburg Central Board of Education.
The Hamburg Central School District will also utilizes the Strategic Planning Committee,Building CORE and District Technology Committee to assist in the evaluation and monitoring process of the technology plan.
The Strategic Plan Committee is made of Teachers, Administrators, Teacher Aides, Support Staff, Board Members, and Community Members that meets twice a year to analysis the current Strategic plans goals and assist in developing new goals for the District.
The CORE Team is made up of Teachers, Parents, Support Staff, Teacher Aides and Administrators, they meet month to set and review building curriculum and instruction goals.
The District Technology Committee (DTC) begins each meeting with a report from each buildings Technology facilitator to discuss any concerns or actions that need to be taken. The DTC also takes this time evaluate all the any new initiatives for technology the teachers and students have been using throughout the year. The DTC will also discuss any staff development training that have occurred and what the results of the training are and if we need to make and mid-year adjustments.

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

This planning process has evolved from as we now have implemented 1:1 devices for all grades K-12 to a new focus of using digital technologies in ways that better align to the careers and skill sets of the Information Age. The previous technology plan succeeded in creating more interactive and immersive learning environments for our students and teachers. The development of our makerspaces, installation of Interactive displays, STEAM enrichment opportunities both during the school year and in the summer months and the most recent launch of our eSports teams demonstrates our successes in expanding offerings for our students that would not necessarily be available to them during a typical school day. This next three year plan will prioritize ways we can promote more student inquiry and how technology can be leveraged in ways that students can achieve and demonstrate their learning goals.

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

In March of 2020 Hamburg Central School District was in year 2 of our 3 plan to be 1:1 in grade 5-12. Since the pandemic, the district sees the need to continue our 1:1 program to include all grades K-13 with devices that are up-to-date and supported. As such, the district needs to develop a device refresh cycle to ensure students have access to current devices. This is reflected in our plan. The pandemic also showed the need for more teacher professional development around best practices for using technology in the classroom. Our goal is to engage more students in learning, extend learning past the four wall of the school and enhance opportunities for students to learn. The district also realized many students are not proficient in technology as they need to be and has included a plan to provide students access to updated technology applications to prepare them for college or careers.

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

Yes

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7. **Please describe the professional development plan for building the capacity of educators and administrators in the attainment of the instructional technology vision as stated in response to question 2.**

All professional staff in the Hamburg Central School District utilize the district network on a daily basis and have proficiency in: Basic Operations File management, Word processing, Communication via email, Using web-based management software Using the eSchooldata student management system for attendance, grade reporting, and instructional purposes Technology related student/program goals that are articulated in the district's Strategic Plan.

Hamburg Central School District is also part of Erie one BOCES CSLO Technology Professional Development. The course we offer are full and half day's sessions. The sessions are broken down into target audiences; Elementary, Secondary Teachers, beginner and advanced sessions.

Hamburg Central School Districts Strategic Plan focus of the professional development integrates technology by:

Increase student's quality and use of technology as a tool to improve learning, interact successfully in a 21st century skill environment and to achieve their personal, education, and workplace goals.

Continue to incorporate and employ technology related strategies to empower their academic success and understanding as related to: Creativity and Innovation Communication, Collaboration Research, Information Fluency Critical thinking, Problem Solving.

Students will be exposed to increased amounts and quality of technology integrations which are connected to research-based strategies and content and performance standard specific areas with the intention of improving student achievement/learning

Increase educator's competencies to effectively use technology tools to support the curriculum and empower students with 21st century technology skills.

Hamburg Central School District awareness and competences for teachers, teacher aides, administrators and staff will be evaluated by complete a survey every other year assessing their comfort level of the current technology the school district utilizes. The survey will assess the staff on what professional development they would like have offered, and what technology hardware they would like to see the district evaluate. The Hamburg Central School District will also utilize building technology unit teams to communicate needs of our students and staff. Each unit team will have their information communicated to the District Technology Committee and the District CORE Team, to make sure we are headed toward improving student achievement in all areas.

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III. Goal Attainment

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

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

    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:

    Fully

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

    Significantly

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1.   **Enter Goal 1 below:**

Hamburg Central School District will continue to deploy classroom technology, including computers, chromebooks, tablets, audio systems and interactive boards to all students and teachers, while maintaining existing equipment.

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

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

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

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

- Yearly review of district technology infrastructure and equipment inventory to maintain a 5-6 year computing device replacement cycle
- Quarterly technology committee meetings to review building-level equipment needs and help inform the budgeting process
- Yearly review of work orders and maintenance records via electronic ticketing system to inform future purchases
- Annual consultation with Erie 1 BOCES and senior technology specialists regarding district network infrastructure

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	Purchasing	Increase interactive displays in classrooms	Director of Technology	Business Office	06/30/2025	225000
Action Step 2	Budgeting	Increase sound systems	Director of Technology	Business office	06/30/2025	80000

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	Action Step	Action Step - Description	Responsible Stakeholder:	'Other' Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
Action Step 3	Purchasing	replacement and new devices as needed	Director of Technology	Technology Department	06/30/2025	150000
Action Step 4	Infrastructure	Update all network hardware (including wifi)	Director of Technology	Technology Department	06/30/2024	750000

7. **This question is optional.**
   If more action steps are needed, continue to list the action steps that correspond to Goal #1 from your answer to Question 1, above.

	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
Action Step 5	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 6	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 7	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 8	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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1.   **Enter Goal 2 below:**

Develop an annual plan for professional development related to relevant technology, based on an evaluation of interests and needs as well as an assessment of the continuing evolution of best practices in technology.

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

• Annual evaluation of instructional technology goals through the use of:
• surveys,
• anecdotal evidence,
• district-wide technology meetings and department meetings,
• professional development attendance sign-in sheets and evaluations,
• observation of teacher and student utilization
• District will employ two instructional technology coaches
• District will create, through a collaboration between the department of technology and the department of curriculum and instruction, a catalog of technology best-practices

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.**

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	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
Action Step 1	Planning	Development of Yearly Staff Technology survey	Instructional Technology Coach	Director of Technology	06/30/2023	N/A
Action Step 2	Staffing	Hire 1 Instructional Technology Coach	Director of Technology	Business Office	06/30/2025	65000.00
Action Step 3	Professional Development	Provide Targets professional development opportunities based on survey results	Director of Technology	Director of Curriculum	06/30/2025	N/A
Action Step 4	Implementation	Provide enriched creative learning opportunities with collaboration with Instructional Technology Coach	Instructional Technology Coach	Director of Technology	06/30/2025	N/A

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	Collaboration	Development of Technology Best practices-digital catalog	Instructional Technology Coach	Director of Technology	06/30/2025	N/A
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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1. **Enter Goal 3 below:**

   Prioritize the use of instructional models and digital tools that inspire PreK-12 students to solve problems, communicate creatively in a culturally-responsive way for a global audience and develop the digital skills necessary to be lifelong learners.

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

   Increase equitable access to high-quality digital resources and standards-based, technology-rich learning experiences

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

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

   • District creation of an inventory of all currently available tools/resources for student use, amended to include new resources found through district research
   • Assessment of student proficiency in coding/programming, through usage and achievement reports found in Kodable, Code.org and Google Workspace Admin console
   • Review of annual Digital Technology Equity survey responses
   • Professional development for staff in coding/programming appropriate for their target grade level

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	Planning	What is our current inventory of tools and	Director of Technology	Director of Curriculum	06/30/2023	N/A

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	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
		resources that our student utilizes				
Action Step 2	Research	Research new applications that are available for students to use to be digital learner	Instructional Technology Coach	Classroom teachers, Director of Technology, Director of Curriculum, Instruction and assessment	06/30/2024	N/A
Action Step 3	Curriculum	Development of K-8 technology-rich curriculum map	Curriculum and Instruction Leader	Instructional Technology Coaches	06/30/2025	N/A
Action Step 4	Implementation	Launching K-8 technology-rich curriculum	Instructional Technology Coach	Classroom teachers, Director of Technology, Director of Curriculum, Instruction and assessment	06/30/2025	N/A

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	Community Partnerships	Review the Digital Equity Technology Survey completed by Parents	Director of Technology	District Technology Committee	06/30/2023	N/A
Action Step 6	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 7	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 8	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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

No

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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.**

   Access to technology is and has become an essential component to all teaching and learning over the past five years. Through district support of sustained professional development at all levels and across all stakeholder groups, all administrators, teachers, service providers and teaching assistants have access to a dedicated district device. With access to over 100 free and paid Edlaw compliant instructional resources and on demand trainings, the expectation is that all students are utilizing online resources to substitute, augment, modify or redefine their learning experiences. The continuum to which students demonstrate their understanding of skills and concepts through the use of technology varies by grade level and pedagogical approaches. All students in grades 1-12 have basic understanding of Google for Workspace apps with some students being given opportunities to demonstrate their learning with a variety of online tools that foster and demonstrate creative communication and collaboration skills. Our three year plan addresses the needs and opportunities to grow and leverage our ability to use technology in even more transformational ways. When student engagement is elevated, positive correlations can be made to student achievement. Finally, the instructional and professional growth models that have emerged as a result of Covid, have afforded us the opprtunity to provide multiple modalities for students and teachers to engage and participate in learning.

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 COVID-19 pandemic inspired our district to take steps towards digital equity that have fundamentally reshaped our district in some ways. To facilitate learning "everywhere, all the time", we provided mobile hotspots to every family who requested one, and ultimately extended that offer to staff and teachers, as well. We provided Chromebooks to every student and teacher, mental health provider, and administrator. Our infrastructure has never been stronger and more capable of supporting thousands of users. We are have replaced our SANS. We are planning for the future by increasing our network capabilites by adding outdoor Wifi in order to provide better support for our families

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 have the same access to technology as their general education peers. In addition, access to speech-to-text devices, interactive boards, software to support reading books, and communication apps are all available to help students access learning at all times. As student needs change, access to other assistive technology will be considered and implemented if neede

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.**

☑ Technology to support writers in the elementary classroom

☑ Technology to support writers in the secondary classroom

☑ Research, writing and technology in a digital world

☑ Enhancing children's vocabulary development with technology

☑ Reading strategies through technology for students with disabilities

☑ Choosing assistive technology for instructional purposes in the special education classroom

☑ Using technology to differentiate instruction in the special education classroom

☑ Using technology as a way for students with disabilities to demonstrate their knowledge and skills

☑ Multiple ways of assessing student learning through technology

☑ Electronic communication and collaboration

☑ Promotion of model digital citizenship and responsibility

☑ Integrating technology and curriculum across core content areas

☑ Helping students with disabilities to connect with the world

☐ Other (please identify in Question 5a, below)

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

☑ Class lesson plans, materials, and assignment instructions are available to students and families for "anytime, anywhere" access (such as through class website or learning management system).

☑ Direct instruction is recorded and provided for students to access asynchronously (such as through a learning management system or private online video channel).

☑ Technology is used to provide additional ways to access key content, such as providing videos or other visuals to supplement verbal or written instruction or content.

☑ Text to speech and/or speech to text software is utilized to provide increased support for comprehension of written or verbal language.

☑ Home language dictionaries and translation programs are provided through technology.

☑ Hardware that supports ELL student learning, such as home-language keyboards, translation pens, and/or interactive whiteboards, is utilized.

☑ Technology is used to increase options for students to demonstrate knowledge and skill, such as through the creation of a product or recording of an oral response.

☑ Learning games and other interactive software are used to supplement instruction.

☐ Other (Please identify in Question 6a, below)

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

Yes

7a. **If Yes, check one below:**

In the 5 languages most commonly spoken in the district

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

(No Response)

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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.**

- ☑ Technology to support writers in the elementary classroom
- ☑ Technology to support writers in the secondary classroom
- ☑ Research, writing and technology in a digital world
- ☑ Writing and technology workshop for teachers
- ☑ Enhancing children's vocabulary development with technology
- ☐ Writer's workshop in the Bilingual classroom
- ☑ Reading strategies for English Language Learners
- ☑ Moving from learning letters to learning to read
- ☑ The power of technology to support language acquisition
- ☑ Using technology to differentiate instruction in the language classroom

- ☑ Multiple ways of assessing student learning through technology
- ☑ Electronic communication and collaboration
- ☑ Promotion of model digital citizenship and responsibility
- ☑ Integrating technology and curriculum across core content areas
- ☑ Web authoring tools
- ☑ Helping students connect with the world
- ☑ The interactive whiteboard and language learning
- ☑ Use camera for documentation
- ☐ Other (please identify in Question 8a, below)

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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.**

☑ McKinney-Vento information is prominently located on individual school websites, as well as the district website.

☑ If available, online/enrollment is easily accessible, written in an understandable manner, available in multiple languages and accessible from a phone.

☑ Offer/phone/enrollment as an alternative to/in-person/enrollment.

☑ Set enrollment forms to automatically provide the McKinney-Vento liaison with contact information for students who indicate possible homelessness and/or housing insecurity

☑ 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.

☐ 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.

☐ Create mobile enrollment stations by equipping buses with laptops, internet, and staff at peak enrollment periods.

☑ Provide/students/experiencing homelessness/and/or housing insecurity with tablets or laptops, mobile hotspots, prepaid cell phones, and other devices and connectivity.

☑ Provide students a way to protect and charge any devices they are provided/with/by the district.

☑ Replace devices that are damaged or stolen/as needed.

☐ Assess readiness-to-use technology/skills/before disseminating devices to students experiencing homelessness and/or housing insecurity.

☑ 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.

☑ 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.

☑ Class lesson plans, materials, and assignment instructions are available to students and families for

☑ Direct instruction is recorded and provided for students to access asynchronously (such as through a learning management system, DVD,/ 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.

☑ 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.

☑ Adjust assignments/to be completed successfully using/only/the/resources students have available./

☐ Provide online mentoring programs.

☑ Create in-person and web-based tutoring/programs/spaces/and/or live chats/to assist with assignments and technology/issues.

☑ Offer a technology/support hotline during flexible hours.

☐ Make sure technology/support is offered in multiple languages.

☐ Other (Please identify in Question 9a, below)

2022-2025 Instructional Technology Plan - 2021

V. NYSED Initiatives Alignment

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

☑ The district uses instructional technology to strengthen relationships and connections with families to assist in building a culturally responsive learning environment to enhance student learning.

☑ The district uses instructional technology to facilitate classroom projects that involve the community.

☑ The district uses instructional technology to develop and organize coherent and relevant units, lessons, and learning tasks that build upon students' cultural backgrounds and experiences.

☑ The district uses instructional technology to assist in varying teaching approaches to accommodate diverse learning styles and language proficiencies.

☑ The district uses instructional technology to enable students to communicate and collaborate with students in different schools or districts in New York State, the United States, or with different countries.

☑ The district uses instructional technology to facilitate collaborative classroom projects among heterogeneous student groups.

☐ Other (please identify in Question 10a, below)

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

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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	13.00
Totals:	**15.00**

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	Instructional and Administrative Software	Chromebooks	120,000	Annual	☑ BOCES Co-Ser purchase ☑ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants ☐ Instructional Materials Aid ☐ Instructional Resources Aid ☐ Smart Schools Bond Act ☐ Other (please identify in next column, to the right) ☐ N/A	N/A
2	Instructional and Administrative Software	Interactive Boards	200,000	One-time	☐ BOCES Co-Ser purchase ☑ District Operating Budget ☐ District Public	ESSER Funding

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	Anticipated Item or Service	"Other" Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source	"Other" Funding Source
					Bond ☐ E-Rate ☐ Grants ☐ Instructional Materials Aid ☐ Instructional Resources Aid ☐ Smart Schools Bond Act ☑ Other (please identify in next column, to the right) ☐ N/A	
3	Network and Infrastructure	Network Refresh	750,000	One-time	☐ BOCES Co-Ser purchase ☐ District Operating Budget ☐ District Public Bond ☑ E-Rate ☐ Grants ☐ Instructional Materials Aid ☐ Instructional Resources Aid ☑ Smart Schools Bond Act ☐ Other (please identify in next column, to the right) ☐ N/A	N/A
4	Professional Development	N/A	40,000	Annual	☐ BOCES Co-Ser purchase ☑ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants ☐ Instructional Materials Aid	N/A

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	Anticipated Item or Service	"Other" Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source	"Other" Funding Source
					☐ Instructional Resources Aid ☐ Smart Schools Bond Act ☐ Other (please identify in next column, to the right) ☐ N/A	
Totals:			**1,110,000**			

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.hamburgschools.org/administration/technology_information_services/hcsd_technology_plan

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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.**

☑ 1:1 Device Program	☑ Engaging School Community through Technology	☑ Policy, Planning, and Leadership
☑ Active Learning Spaces/Makerspaces	☑ English Language Learner	☑ Professional Development / Professional Learning
☑ Blended and/or Flipped Classrooms	☐ Instruction and Learning with Technology	☑ Special Education Instruction and Learning with Technology
☑ Culturally Responsive Instruction with Technology	☑ Infrastructure	☑ Technology Support
☑ Data Privacy and Security	☐ OER and Digital Content	☐ Other Topic A
☑ Digital Equity Initiatives	☑ Online Learning	☐ Other Topic B
☑ Digital Fluency Standards	☑ Personalized Learning	☐ 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	Brent Jordan	Director of Technology	bjordan@hcsdk12.org	☑ 1:1 Device Program ☑ Active Learning Spaces/Makerspaces ☐ Blended and/or Flipped Classrooms ☐ Culturally Responsive Instruction with Technology ☑ Data Privacy and Security ☐ Digital Equity Initiatives ☐ Digital Fluency Standards ☐ Engaging School Community through Technology ☐ English Language Learner ☐ Instruction and Learning with Technology ☐ Infrastructure ☐ OER and Digital Content ☐ Online Learning ☐ Personalized

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	Name of Contact Person	Title	Email Address	Innovative Programs
				Learning ☐ Policy, Planning, and Leadership ☐ Professional Development / Professional Learning ☑ Special Education Instruction and Learning with Technology ☑ Technology Support ☐ Other Topic A ☐ Other Topic B ☐ 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	Kaitlin Sylvester	Director of Curriculum Instruction and Assessment	ksylvester@hcsdk12.org	☐ 1:1 Device Program ☐ Active Learning Spaces/Makerspaces ☑ Blended and/or Flipped Classrooms ☐ Culturally Responsive Instruction with Technology ☐ Data Privacy and Security ☐ Digital Equity Initiatives ☑ Digital Fluency Standards ☐ Engaging School Community through Technology ☑ English Language Learner ☑ Instruction and

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

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

VII. Sharing Innovative Educational Technology Programs

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	Name of Contact Person	Title	Email Address	Innovative Programs
				Learning with Technology ☐ Infrastructure ☐ OER and Digital Content ☐ Online Learning ☐ Personalized Learning ☐ Policy, Planning, and Leadership ☐ Professional Development / Professional Learning ☐ Special Education Instruction and Learning with Technology ☐ Technology Support ☐ Other Topic A ☐ Other Topic B ☐ Other Topic C

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