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?**

Jeff Harvey

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

Other

2a.   **If 'Other' was selected in Question 2 above, please identify the title.**

IT Coordinator

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

   The Berne-Knox-Westerlo Central School District will provide an environment that fosters the creative, emotional, intellectual, and physical well-being of each student in order to enable a mastery of the curriculum and a life-long learning capability to meet the challenges of the future

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

   The Berne-Knox-Westerlo School District will incorporate technology into every aspect of the educational process when possible. The rigorous academic program and support systems in place are designed to develop mind, body, and character using a variety of approaches. Technology will support these approaches thereby enhancing achievement and student outcomes. It is our mission to have students leave BKW with an understanding of the importance of education, an excitement about being lifelong learners, and an experience that demonstrates the integral role technology plays in these things. The implementation of technology initiatives will be curriculum driven and further guided by the recognition and incorporation of NYS Standards as well as ISTE Standards. Equitable integration, distribution, and access of technologies will also be at the forefront of our decision making process.

3. **Summarize the planning process used to develop answers to the Instructional Technology Plan questions and/or your district comprehensive Instructional Technology Plan. Please include the stakeholder groups participating and the outcomes of the instructional technology plan development meetings.**

   The technology committee is comprised of the following stakeholders:
   • Teachers represented from both the elementary and secondary schools
   • STEAM Committee
   • SPED staff
   • Building and District Level Leadership
   • Technology, Maintenance and Grounds
   • Board and community members
   Over the 2021-2022 school year, BKW consulted with the NERIC on a monthly bases to help assess current technology infrastructure and develope technology initiatives which helped draft a preliminary 3 year comprehensive technology plan which will be subsequently be approved by the Board of Education.

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

   The professional development component of this instructional technology plan enablesthe teachers and staff to better utilize existing technology provided in the previous three year plan. This plan was developed with collaboration and input provided with the Neric services our district contracts with. We feel the goals of our plan were fully attained.

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

   The goals in this plan will help teachers convert classroom material into cloud base resources providing equitable access to instructional material on premises and off. The district will work with the community to help provide internet connectivity for our whole community.

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

   No

6a. **What are your plans to become a fully 1:1 District? (Covers all grades K-12 as applicable)**

   At the current time the elementary preK-7 is fully 1:1. Starting in the fall of 2022 the students in the Middle School and High School will be fully 1:1. Student will be able to take their devices home when requested via our library services.

6b. **When will the District become fully 1:1?**

   School year 2022-2023

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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.**

BKW recognizes the need for professional development (PD) in all teachers, administrators and staff. While some technology related PD may focus on specific skills, we recognize that the most effective training needs to be integrated into the curriculum. The implementation of new instructional technology will not be successful and achieve the desired outcomes without a comprehensive professional development component. Training cannot simply be geared towards how to manipulate the technology, it must also address learning how to incorporate it into existing curriculum. This approach will achieve the greatest success in embedding educational technologies into instruction. To help all meet this goal BKW provides development that is:

- in response to formal and informal needs assessment
- based on levels of readiness and expertise
- hands-on and practical
- directly related to instructional improvement
- flexible in setting, time frame, and delivery
- just in time training- class room instruction, planning and mentoring by a staff developer or turnkey trainer
- through afterschool workshops
- through online professional development
- through BOCES workshops
- during in-service day trainings
- during staff and departmental meeting trainings
- at new teacher workshops
- through ad hoc targeted training during the school day (PLC, planning, preps)
- through attending conferences
- in collaboration with G-suite for Education

  The professional development may be provided through district and building conference days, in- service opportunities, BOCES instructional services, web-based instruction, instructional technology specialists, and/or peer mentors. It will include both technical and instructional support.

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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:**

> Moderately

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

> 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:**

> Fully

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1. **Enter Goal 1 below:**

To allow teachers to have a more flexible learning environment the district will be equipping both school buildings with wireless access points by the end of 2023.

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

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

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

☑ All students	☐ 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.**

The district will measure the goal through two mechanisms:
1. The wireless access points themselves will be installed, present, and operational in both school buildings.
2. The signal strength and distance will be measured after the access points are installed and then adjusted for full saturation on school grounds.

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

	Action Step	Action Step - Description	Responsible Stakeholder:	'Other' Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
Action Step 1	Budgeting	budget through Erate 2.0 process	Superintendent	N/A	07/01/2023	N/A
Action Step 2	Purchasing	Purchase items in Erate bid	Superintendent	N/A	08/01/2023	$5000.00
Action Step 3						

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	Action Step	Action Step - Description	Responsible Stakeholder:	'Other' Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
	Infrastructure	Installation by Vendor	Director of Technology	N/A	08/31/2023	N/A
Action Step 4	Evaluation	Confirm saturation	Director of Technology	N/A	08/31/2023	N/A

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

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

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1. **Enter Goal 2 below:**

Provide professional development opportunities for the faculty so they will work to convert 25% of the instructional material from a traditional form to a digital format. The digital instruction material will be utilized by the 1.1 devices and the Promethean boards that are located in each classroom. This goal will be accomplished by the end of the 2023-24 school year.

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

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

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

☑ All students
☐ Early Learning (Pre-K -3)
☐ Elementary/intermediate
☐ Middle School
☐ High School
☐ Students with Disabilities
☐ English Language Learners
☐ Students who are migratory or seasonal farmworkers, or children of such workers
☐ Students experiencing homelessness and/or housing insecurity

☐ Economically disadvantaged students
☐ Students between the ages of 18-21
☐ Students who are targeted for dropout prevention or credit recovery programs
☐ Students who do not have adequate access to computing devices and/or high-speed internet at their places of residence
☐ Students who do not have internet access at their place of residence
☐ Students in foster care
☐ Students in juvenile justice system settings
☐ Vulnerable populations/vulnerable students
☐ Other (please identify in Question 3a, below)

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

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

5. **How will this instructional technology goal be measured and evaluated during and after implementation? Be sure to include any tools and/or metrics that are part of this evaluation process. Examples might be formative data, local, state, and/or national LEA benchmarks, metrics from instructional software, other technology evaluation programs, etc.**

The district will use existing monitoring tools to see the increase in digital content and the decrease in paper use.

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	Provide continuous professional development	Superintendent	N/A	06/30/2025	N/A
Action Step 2	Evaluation	Reports from existing monitoring tools	Director of Technology	N/A	06/30/2024	N/A
Action Step 3						

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	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
	N/A	N/A	N/A	N/A	06/30/2025	N/A
Action Step 4	N/A	N/A	N/A	N/A	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	(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 3 below:**

   To improve staff awareness on cyber security and proper procedures to protect sensitive data from cyber breaches the district will provide ongoing professional development throughout the length of this plan.

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

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

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

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

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

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

5. **How will this instructional technology goal be measured and evaluated during and after implementation? Be sure to include any tools and/or metrics that are part of this evaluation process. Examples might be formative data, local, state, and/or national LEA benchmarks, metrics from instructional software, other technology evaluation programs, etc.**

   The district will conduct phishing tests and network penetration tests that are provided by the districts cyber insurance company. The results will be used to customize future professional development.

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	Professional Development	Provide ongoing professional development for faculty and staff related to best	Superintendent	N/A	06/30/2025	N/A

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	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
		practices for daily technoloy usesecurity				
Action Step 2	Cybersecurity	Conduct cyber security tests with Ins. provider	Director of Technology	N/A	06/30/2023	N/A
Action Step 3	Evaluation	Review cyber security tests	Director of Technology	N/A	06/30/2024	N/A
Action Step 4	Professional Development	Provide specialized professional development for technology department staff related to evolving network security practices	Superintendent	N/A	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	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 6	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 7	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 8	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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

No

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2022-2025 Instructional Technology Plan - 2021

V. NYSED Initiatives Alignment

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

Technology integration into curriculum and its application will be informed and guided by a blend of district instructional and performance goals, the International Society for Technology in Education (ISTE) standards, and the New York State Learning Standards for Mathematics, Science, and Technology. BKW students will be educated on technology literacy and responsible use through both required and elective courses of the technology curriculum. They will also experience technology embedded across all content areas as tools to analyze and synthesize information, increase student engagement, and enhance learning and performance as the district strives to provide alternative methodologies to accommodate a variety of learning styles. The ISTE Standards set forth a framework for rethinking education, adapting to a constantly changing technological landscape, and preparing students to enter an increasingly global economy. They act as a roadmap for bold, innovative educators to re-engineer their schools, classroom, and instruction for digital age learning. We embrace this idea of transforming education for our students in order to meet their needs, increase achievement, and prepare them for their future. To that end, our goals for students are that they become: • empowered learners
- digital citizens
- knowledge constructors
- innovative designers
- computational thinkers
- creative communicators
- global collaborators

  Additionally, educational technology and its use will be aligned with NYS MST Learning Standards, specifically Standard 2: Students will access, generate, process, and transfer information using appropriate technologies as a tool to enhance learning. Incorporated within this standard is effective and ethical use through the knowledge of the impacts and limitations of technology. District instructional goals and objectives will reflect an integrated/interdisciplinary approach supporting technology use as it is embedded in the learning standards across the curriculums. Instructional technology will support student achievement and performance goals across the district. In addition, instructional technology will support technology literacy, and performance-based assessment.

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.**

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. Instructional 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.

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.**

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. Access to distance learning resources can be increased.

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.**

☑ 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)

V. NYSED Initiatives Alignment

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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)

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)

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.**

☑ 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)

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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	1.00
Totals:	**3.00**

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	Peripheral Devices	N/A	200,000	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
2	Other (please identify in next column, to the right)	Digitizing records, forms, and resources for instrucitonal use	50,000	One-time	☐ BOCES Co-Ser purchase ☑ District Operating Budget ☐ District Public Bond ☑ E-Rate	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
					☐ Grants ☐ Instructional Materials Aid ☐ Instructional Resources Aid ☐ Smart Schools Bond Act ☐ Other (please identify in next column, to the right) ☐ N/A	
3	Professional Development	N/A	50,000	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
4	Network and Infrastructure	N/A	50,000	One-time	☐ BOCES Co-Ser purchase ☐ District Operating Budget ☐ District Public Bond ☑ E-Rate ☐ Grants ☐ Instructional Materials Aid ☐ Instructional Resources	N/A

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VI. Administrative Management Plan

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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
					☑ Aid Smart Schools Bond Act ☐ Other (please identify in next column, to the right) ☐ N/A	
Totals:			**350,000**			

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.**

The approved BKW 2022-25 Technology Plan will be found at the BKW website link below. We will add the Technology Department to the set of departments listed and as an extension to the link below, and then will add the plan on the Technology Department page. https://www.bkwschools.org/departments/

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. **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	Timothy Mundell	Superintendent	timothy.mundell@bkwschools.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	(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

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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

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.