2022-2025 Instructional Technology Plan - 2021

I. District LEA Information

Page Last Modified: 04/07/2022

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

   Junait Shah

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.**

   High School Principal

   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.

II. Strategic Technology Planning

Page Last Modified: 05/18/2022

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

   The mission of the Catskill Central School District is to privde all children with the opportunity to fully develop their academic and creative potentiail and to assist them in becoming mature, humane, responsible, and productive members of society.

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

   The District Vision Statement is: The Catskill Central School District's vision is to prepare and motivate our students for success in a rapidly changing world by fostering critical thinking skills and a global perspective, with respect for the core values of integrity, perserverance, and compassion. Cats Can, and Cats Will! The Technology Vision of Catskill Central School District is to provide a supported technology infrastructure, as well as technology-based inofrmation resources and technology tools that support the teaching and learning necessary to prepare our students for long-term success in an ever-changing world.

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

   The planning process used is driven by the technology committee, which is comprised of representatives from the technology department, administrative staff, and teaching staff. The planning process is a collaborate effort between these parties to come up wth the best plan and solution to help impprove the the District's Technology and how it is used. This group is meeting weekly over the months of April, May, and June of this school year. This technology plan is intended to support and enhance the Catskill Central School District's educational initiatives, and to support and enhance our district's mission. The plan is developed from the belief, supported by research and our growing successful experiences, that technology can significantly enhance the learning enrivonrment, and transform teaching and learning. This plan is an ever-evolving document that guides our efforts to provide our students, staff, parents, and community with access to appropriate tehchnologies as we work to prepare all learners for future challenges and opportunities and will be updated and revised continuously as needed.

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

   Our first goal from the last technology plan was to upgrade the network infrastructure. To date, we have upgraded the firewall, core switches, and virtual servers. This summer, we are upgrading all of the access points and network switches which will complete a total overhaul of our district's network infrastructure. This plan is different this year as by this point we will have outfitted every classroom PK-12 with its own Promethean Board along with updated software. To date, we have purchased over 2,400 Chromebooks that are distributed for student use at home and in each classroom. We have also completely replaced projectors with Promethean Boards. In the past 3 years, we have also gone through one cycle of brand new teacher laptops to maintain current with speed and compatability. We have another cycle coming this summer. Every instructional staff member also received a new portable document camera. One goal that we have not completely ascertained is the improvement of the implementation of Digital Citizenship of both staff and students. This everchanging benchmark will be continued to be surveyed and addressed. It will be updated as a new goal for our current technology plan.

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

   Throughout the COVID pandemic, our District has adapted instruction to all modalities for our students. We have taught our students fully virtually, through a blended model (some students were in person, some at home while being physically restricted), and fully in person. This happened multiple times throughout all three of our district schools depending on the virus infection rates. All students that were not able to connect through their own home services, were afforded either a mobile hotspot or a hardwired connection that was paid for through local grants to our local internet provider. This started when the pandemic first began and is still ongoing to this day. The district purchased dozens of mobile hotspots from AT&T and Verizon wireless along with any cables, plugs, and or wires that were needed to be replaced. We also purchased hundreds of Chromebooks to outfit every student with a home device and a school device if they chose to return to school in person. Throughout the pandemic, there were numerous pickup and dropoff dates with hours that went well into the evening to help accomodate working parents and families. Each building employed at least one teacher on staff to help teachers with professional development with all facets of technology. There were also other employees delegated to be available for live technology assistance for those parents that needed it in the evening. The District also qualified for a grant from Teachers Pay Teachers that gave every teacher access to tech-ready assignments that were uploadable to Google Classroom. There were ample opportunities for parents to give their input on district technology. Surveys have been sent out via the Blackboard Connect system and the district website.

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

   Yes

Page Last Modified: 05/18/2022

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

    The District will be posting for an Instructional Technology Coordinator and/or Curriculum Coordinator for this upcoming school year that will be in charge of the professional development plan. In the interim, administration works with the teaching staff to identify areas of need and works with turnkey trainers to help push out relevant information and training to those teachers. Data is collected by means of surveys and the results are analyzed adminstration and teaching staff alike.

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

2022-2025 Instructional Technology Plan - 2021

III. Goal Attainment

Page Last Modified: 04/07/2022

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

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

   Significantly

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

   Moderately

3. **Digital Capacity and Access – The District's technology infrastructure supports learning and teaching in all of the District's environments. The district has met this goal:**

   Fully

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

   Significantly

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

   Moderately

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.

Page Last Modified: 06/27/2022

1. **Enter Goal 1 below:**

To promote Digital Citizenship and responsible, safe, healthy, and effective use of technology.

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

Develop a strategic vision and goals to support student achievement and engagement through the seamless integration of technology into teaching and learning

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

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

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

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

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

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

In the classroom at the elementary level, students track their media usage for one week. Students analyze trends and develop individualized plans to responsibly use media in a productive manner. Plans will be reflected on with instructional staff after a few weeks. At the Middle School level, students complete units in STEM classes in regards to social media safety. Teachers also discuss the value of approriate information of what's personal versus private to be shared online. At the HS level, students are presented with digital sources. This initiative teaches students to evaluate what they see through media along with deciphering what is appropriate versus what's not.

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

	Action Step	Action Step - Description	Responsible Stakeholder:	'Other' Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
Action Step 1	Curriculum	Library Media Specialist works with upper level grades to	Library Media Specialist	School Staff	06/30/2023	N/A

Page Last Modified: 06/27/2022

	Action Step	Action Step - Description	Responsible Stakeholder:	'Other' Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
		implement curriculum from commonsense.org				
Action Step 2	Curriculum	Teaching staff implements lesson plans with regards to the previously mentioned activities in STEAM class.	Classroom Teacher	School Staff	06/30/2023	N/A
Action Step 3	Curriculum	Library Media Specialist pushes into classes to disseminate information from digital sources in classrooms.	Library Media Specialist	School Staff	06/30/2023	N/A
Action Step 4	Planning	Staff will meet throughout the year to plan and unify curriculum	Curriculum and Instruction Leader	School Staff	06/30/2023	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)

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.

Page Last Modified: 06/27/2022

1. **Enter Goal 2 below:**

    Addition of an Instructional Technology Coordinator

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

    Develop a strategic vision and goals to support student achievement and engagement through the seamless integration of technology into teaching and learning

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

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

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

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

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

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

    Depending on the hiring process, if this position is within the Teacher's Union, this person will be evaluated by an administrator using the Danielson Rubric. If this person is an administrator, they will be observed and have their evaluation completed by the Superintendent or his designee.

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	Research	District will research similar job descriptions held in nearby districts and create a job posting.	Superintendent	--	08/01/2022	$75,000 to $100,000
Action Step 2	Communica	CSD needs	Instructional	--	09/30/2	N/A

2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 2

Page Last Modified: 06/27/2022

	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
	tions	assessment for all district staff	Technology Coach		022	
Action Step 3	Professional Development	Instructional Technology Coordinator will provide appropriate quarterly professional development	Instructional Technology Coach	--	09/01/2022	$10,000
Action Step 4	Collaboration	District staff and administration will provide continued feedback and suggestions for further training to the Instructional Technology Coordinator.	Other (please identify in Column 5)	All CSD Staff	09/08/2022	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)

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.

Page Last Modified: 06/27/2022

1. **Enter Goal 3 below:**

Upgrade the technology equipment in the classroom - including laptops, printers, iPads, and Chromeboxes for Promethean boards, to provide a better technology teaching and learning experience.

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.**

Throughout the year, the technology staff will work with the Instructional Technology Coordinator for quality assurance.

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	Research	The technology department will complete a comprehensive district wide needs analysis for both software and hardware. They will	Instructional Technology Coach	Technology Committee	06/30/2023	N/A

IV. Action Plan - Goal 3

Page Last Modified: 06/27/2022

	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
		then meet to discuss what technologies are needed in the classroom.				
Action Step 2	Research	Request quotes from district technology vendors. Submit quotes to the business official so they can approve and include in the budget.	Other (please identify in Column 5)	Network Administrator	12/30/2022	N/A
Action Step 3	Purchasing	Purchase equipment from quotes once approved in the budget. Coordinate shipping dates of equipment to arrive in the district.	Business Official	N/A	01/27/2023	N/A
Action Step 4	Implementation	Once classroom technology equipment is received, roll out equipment throughout the summer.	Other (please identify in Column 5)	Technology Department	08/31/2023	$5,000

7.   **This question is optional. If more action steps are needed, continue to list the action steps that correspond to Goal #3 from your answer to Question 1, above.**

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

Page Last Modified: 06/27/2022

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

          Yes

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.

Page Last Modified: 06/16/2022

1. **Enter Goal 4 below:**

   Addition of Cybersecurity systems and multi-factor authentication for computer logins.

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.**

   This goal will be measured by the continued safety of our network. The district will also be able to purchase cybersecurity insurance. Once the district is able to do so, the insurance company can perform an evaluation of the district's security and assess if need be.

6. **List the action steps that correspond to Goal #4 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	Research	The technology department will complete a comprehensive district wide needs analysis for cybersecurity. This will include multi-factor	Other (please identify in Column 5)	Technology Committee	07/01/2022	$0

2022-2025 Instructional Technology Plan - 2021

IV. Action Plan - Goal 4

Page Last Modified: 06/16/2022

	Action Step	Action Step - Description	Responsible Stakeholder:	"Other" Responsible Stakeholder	Anticipated date of completion	Anticipated Cost
		authentication for logins and security infrastructure.				
Action Step 2	Purchasing	Purchase of multi-factor authentication and advanced cybersecurity software.	Business Official	NONE	08/01/2022	$30,000
Action Step 3	Implementation	The technology department will install the cybersecurity software and teachers will be given individualized multi-factor authentication ID cards.	Other (please identify in Column 5)	Technology Department	09/01/2022	$0
Action Step 4	Professional Development	Small group training for teachers and district staff for proper use of the multi-factor authentication system.	Director of Technology	NONE	09/01/2022	$2,000

7.   **This question is optional. If more action steps are needed, continue to list the action steps that correspond to Goal #4 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)

Page Last Modified: 06/16/2022

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

No

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

2022-2025 Instructional Technology Plan - 2021

V. NYSED Initiatives Alignment

Page Last Modified: 05/12/2022

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

In today's everchanging society, the Catskill Central District is committed to ensuring student success with technology. Each year, technology is inventoried and checked by staff. If technology is functioning appropriately, it can be reused for the next year. If it is nearing the end of its lifespan, newer and more current models are ordered. Technology is integrated into teaching and learning throughout the district on a daily basis. Every instructional space (and more!) is outfitted with a Promethean Board. Classrooms have a Chromebook cart where each student logs in and is able to complete assignments through Google Classroom. Some classrooms are also outfitted with iPads in addition to Chromebook carts where students are able to use iOS apps to enhance their learning. Often, teachers use software programs to analyze student performance data. Teachers are able to use the data from to alter their instruction to make sure students are meeting learning targets.

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.**

Students at CCSD are afford internet where the school district is able to pay for their bill if need be. Families reach out to a point person in district where their home address is provided. The point person assesses their location and reaches out to the local cable company (Mid-Hudson Cablevision) and assesses whether they are able to receive a hard wired internet connection. If they are unable to get access from Mid-Hudson Cablevision, we are able to provide a mobile hot-spot from AT&T or Verizon Wireless. The family's address is searched and the family is given whichever hot-spot is better for reception.

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.**

Special Education Students that need any special devices have them noted in their IEPs. There are students here that have multiple devices whether they are Google/Microsoft/ or Apple based. Some students have a district issued Chromebook at home, use Chromebooks in a classroom, use their own district issued Windows laptop, as well as their own district issued iPad. There are also many apps and extensions to Google Chrome that the district uses to help not just Special Education students, but all students be successful. The District purchases services from Don Johnston Corporation that gives all students access to features such as speech to text, translation, and accessilbity features.

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)

V. NYSED Initiatives Alignment

Page Last Modified: 05/12/2022

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

☑ Technology to support writers in the elementary classroom
☐ Using technology as a way for students with disabilities to demonstrate their knowledge and skills
☑ Technology to support writers in the secondary classroom
☐ Multiple ways of assessing student learning through technology
☐ Research, writing and technology in a digital world
☐ Electronic communication and collaboration
☑ Enhancing children's vocabulary development with technology
☐ Promotion of model digital citizenship and responsibility
☑ Reading strategies through technology for students with disabilities
☐ Integrating technology and curriculum across core content areas
☐ Choosing assistive technology for instructional purposes in the special education classroom
☑ Helping students with disabilities to connect with the world
☐ Using technology to differentiate instruction in the special education classroom
☐ 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)

Page Last Modified: 05/12/2022

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

☑ Technology to support writers in the elementary classroom	☑ Multiple ways of assessing student learning through technology
☑ Technology to support writers in the secondary classroom	☑ Electronic communication and collaboration
☐ Research, writing and technology in a digital world	☐ Promotion of model digital citizenship and responsibility
☑ Writing and technology workshop for teachers	☑ Integrating technology and curriculum across core content areas
☐ Enhancing children's vocabulary development with technology	☐ Web authoring tools
☐ Writer's workshop in the Bilingual classroom	☐ Helping students connect with the world
☐ Reading strategies for English Language Learners	☑ The interactive whiteboard and language learning
☐ Moving from learning letters to learning to read	☑ Use camera for documentation
☑ The power of technology to support language acquisition	☐ Other (please identify in Question 8a, below)
☑ Using technology to differentiate instruction in the language classroom	

V. NYSED Initiatives Alignment

Page Last Modified: 05/12/2022

9.   **How does the district utilize technology to address the needs of students experiencing homelessness and/or housing insecurity to ensure equitable access to instruction and learning? Please check all that apply from the provided options and/or check 'Other' for options not available on the list.**

☑ 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)

Page Last Modified: 05/12/2022

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

- ☑ 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.

Page Last Modified: 06/27/2022

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

	Full-time Equivalent (FTE)
District Technology Leadership	1.00
Instructional Support	0.00
Technical Support	3.00
Totals:	**4.00**

2.   **Investment Plan Provide a three-year investment plan to support the vision and goals. All costs must be calculated for the entire three year-period, not annualized. For example, if a cost occurs annually, the estimated cost should include the annual cost times three. Provide a three-year investment plan to support the vision in Section II and goals in Section IV. A chart with drop-down choices is provided in order for NYSED to obtain consistent responses to this question.   All cells in the table must be populated. If you have less than four items in your plan, you must choose N/A for columns one, two, four, five and six, and put zero in column three (estimated cost) for each unneeded row.**

	Anticipated Item or Service	"Other" Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source	"Other" Funding Source
1	Network and Infrastructure	N/A	2,481,000	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	End User Computing Devices	N/A	711,000	One-time	☐ BOCES Co-Ser purchase ☐ District Operating Budget ☐ District Public Bond ☐ E-Rate	ARP-ESSER 3

Page Last Modified: 06/27/2022

	Anticipated Item or Service	"Other" Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source	"Other" Funding Source
					☐ Grants ☐ Instructional Materials Aid ☐ Instructional Resources Aid ☐ Smart Schools Bond Act ☑ Other (please identify in next column, to the right) ☐ N/A	
3	Staffing	N/A	174,400	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	ARP-ESSER 3
4	Professional Development	N/A	16,500	Annual	☑ BOCES Co-Ser purchase ☑ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants ☐ Instructional Materials Aid ☐ Instructional Resources	N/A

2022-2025 Instructional Technology Plan - 2021

VI. Administrative Management Plan

Page Last Modified: 06/27/2022

	Anticipated Item or Service	"Other" Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source	"Other" Funding Source
					Aid ☐ Smart Schools Bond Act ☐ Other (please identify in next column, to the right) ☐ N/A	
Totals:			**3,382,900**			

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.**

    This is the link to the last one. We will update it once it's completed. https://catskillcsd.org/wp-content/uploads/2019/01/Catskill-Tech-Plan-NYSED-2018-2021.pdf

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.

Page Last Modified: 05/10/2022

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

☑ 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	Unhired Individual	Instructional Technology Coordinator	Unknown	☑ 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

Page Last Modified: 05/10/2022

	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

Page Last Modified: 05/10/2022

	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

Page Last Modified: 05/10/2022

	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

Page Last Modified: 05/10/2022

	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.