Section I - District LEA Information

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

   Lisa Cutting

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

   Assistant Superintendent

For help with completing the plan, please visit 2018-2021 ITP Resources for Districts, contact your district's RIC, or email edtech@nysed.gov.

Section II - Strategic Technology Planning

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

Mohonasen has PLANS for our students. To ensure that students reach their Potential to Learn in an Academically rich, Nurturing and Safe environment. We will be widely recognized as an exemplary school district, enthusiastically educating mind, body and character. Families, visitors and community members will experience an environment of respect and care surrounding each personal interaction. They will discover a culture of excellence permeating every program. Mohonasen will be a model of a safe, effective and well-rounded educational community in a diverse suburban setting.

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

The Mohonasen Central School District will continue to embrace technology that enhances learning, engages students and improves student achievement. We know that significant and continuing improvement in student achievement requires a major paradigm shift, creating a new classroom teaching and learning model. Simply adding technology to the classroom isn't the solution. The teacher's role must change to that of a facilitator, mentor, and manager of instruction. Students become active participants in learner-centered, collaborative, project-based learning situations and are taught to acquire and apply critical thinking, creativity, communication and collaboration skills. Parents and community members are engaged with the school, where this newer teaching and learning model is effectively supported by a variety of classroom technology.

To this end, the district has undertaken the training of faculty, staff and administration, specifically referencing a learning model called Substitution, Augmentation Modification and Redefinition, or the SAMR model. We have begun training those in our school community in these four levels of student engagement using technology to enhance and extend student achievement and learning. These levels represent a scaffolded framework that adopters of educational technology often follow as they progress through teaching and learning with technology. It's not important whether an activity can be defined as one level or another; rather, the most important concept is the level of student engagement. As one moves along the continuum, computer technology becomes more important in the classroom but at the same time becomes more invisibly woven into the demands of good teaching and learning. (Puentedura, R. Retrieved from https://sites.google.com/a/msad60.org/technology-is-learning/samr-model)

The district has been outfitting classrooms with various technological hardware in order to support the paradigm shift described above. The district supports an integrated approach to technology use, and intends to fully integrate the use of technology into all classrooms, reducing the practice of sending students to the computer lab to learn technology, separate from content of their classrooms.

We also recognize that in order to prepare for the future we need to be thinking more of the myriad uses of technology in classrooms, instead of restricting its use. The design of infrastructure necessary to support a more technologically agnostic approach to hardware, and ease of use policies such as Bring Your Own Device (BYOD), 1 to 1 initiatives, WIFI connectivity and Guest Access are all necessary considerations when discussing technology goals for our district.

3. **List three goals that will drive the attainment of the vision.**

	List Goals
Goal 1	Students will demonstrate skills that will allow them to thrive in a 21st century environment.
Goal 2	Teachers will continue to transform their classrooms into 21st century environments utilizing technology with the goal of increasing student achievement .
Goal 3	The district will continuously look to using technology to improve communications, (including safety related topics), throughout the school community.

4. **Do you want to list a fourth goal that will drive attainment of the vision?**

Yes

4a. **List Goal #4**

Teachers will use technology to help make informed data driven decisions that support our students' needs and inform instructional practice.

5. **Do you want to list a fifth goal that will drive attainment of the vision?**

    Yes

5a. **List Goal #5**

    The district will maintain a plan which addresses the infrastructure and end user devices necessary to support educational objectives.

6. **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.**

    Administrators, teachers and parents met during the school year to provide input and worked together to develop the instructional technology plan. The outcome is a comprehensive plan which allows all stakeholder groups, including students, updated access to information and learning materials any time, any where.

    We accomplished the following through large and smaller subcommittee work, and district-wide K-12 participation during 2017-2018:

    -Conducted instructional technology surveys to all community stakeholder groups in October/November 2017, and again in May/June 2018 to ascertain a baseline against which to measure embedded instructional technology use. (parents, students, teachers, administrators).

    -Analyzed data from the results of the survey to inform professional development for faculty and staff throughout the year

    -Provided all faculty members with their own Chromebook for professional use after undergoing training in Chromebook use, digital citizenship and online safety and district best practices and expectations.

    -Conducted extensive pd in using technology to improve student learning with teachers.

    -Updated technology policies

    -Implemented a 1:1 Chromebook initiative in grades for students 6-9, in which each student and parent received training in Chromebook use, digital citizenship and online safety.

    -Standardized interactive classroom technology products and covered 95% of all instructional spaces with these devices

    -Provided professional development for teachers and expanded their knowledge of current student management system to include additional fields for

    longitudinal student information (benchmark assessment information)

    -Researched data dashboards to coordinate data sources and make it user friendly for teachers to view a whole picture of a student, not just distinct data points

    -Developed K-12 technology skills scope and sequence

    -Planned and implemented parent, student and community access events using technology

    These are the pieces the committees were charged with accomplishing, and do not include the infrastructure and safety related technology that is also part of our larger plan.

7. **Please describe the professional development plan for building the capacity of educators and administrators in the attainment of the instructional technology vision.**

We believe that significant and continuing improvement in student achievement requires a major paradigm shift, creating a new classroom teaching and learning model. Simply adding technology to the classroom isn't the solution. The teacher's role must change to that of a facilitator, mentor, and manager of instruction. Students become active participants in learner-centered, collaborative, project-based learning situations and are taught to acquire and apply critical thinking, creativity, communication and collaboration skills.

To this end, the district has undertaken the training of faculty, staff and administration in how to use technology to enhance and extend student learning. We trained those in our school community in these four levels of student engagement represented by the SAMR model in order to systematically integrate and gauge how computer technology impacts teaching and learning. The last two levels of the SAMR model, modification and redefinition, are the types of instructional activities which have been shown to improve student achievement. These levels also correspond to the application and synthesis levels of Bloom's Taxonomy of Cognitive Thinking. We continue to reference that in our classroom practices and observations in order to prepare students to be 21st century learners and citizens.

The district has also offered and will continue to offer, technology enrichment opportunities for students and parents. This has occurred before school, after school, and during school. The expansion of curricular offerings and a focus on integrating technology into the classroom has occurred. The science curriculum in grades K-5 to included coding/technology, as well as additional units and courses added at the secondary levels (robotics, computer science, mechatronics) contribute to the technology vision. We will also continue offering professional development workshops and opportunities for educators to take part in. In this manner, we will be rounding out our approach that technology is part of everyone's life, and is blended into how education is delivered. Therefore, we are approaching technology use from an integrated viewpoint between home, school and community.

8. **How will the instructional technology goals be measured and evaluated during and after implementation? Be sure to include any tools or metrics that are part of this evaluation process.**

We began using the Brightbytes/Clarity instructional technology (through Capital Region BOCES) survey in the Fall of 2017 in order to gather and establish baseline information on instructional technology use.   The information contained in specific reports from this, such as curriculum, professional development and 21st century learning will be compared and evaluated for trends. Curriculum, instruction and appropriate professional development will be offered based on the information contained in these reports.

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Section III - Action Plan

Overview: This section requires specific action steps that will be taken in order to achieve each of the goals presented in Section II of the plan. Each goal will have its own page in the plan. For this page, copy Goal #1, which you listed in Section II, Question 3, and respond to all questions below.

1.   **Goal #1**

Students will demonstrate skills that will allow them to thrive in a 21st century environment.

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

1. 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	☐ Migrant students
☐ Pre-K-2	☐ Homeless students
☐ Grades 3-5/6	☐ Economically disadvantaged students
☐ Middle School	☐ Students between the ages of 18-21
☐ High School	☐ Students who are targeted for dropout prevention or
☐ Students with Disabilities	credit recovery programs
☐ ELL/MLLs	☐ Other (please identify in Question 3a, below)

4.   **List the action steps that correspond to Goal #1 from your answer to Question 1, above.**

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated cost
Action Step 1	Curriculum	Distribute 1:1 chromebooks to students in grades 6-12	Building Principal	N/A	Sept. (09)	2019	45000
Action Step 2	Curriculum	Implement K-12 digital scope and sequence	Classroom Teacher	N/A	June (06)	2019	$0
Action Step 3	Curriculum	Explore and pilot options for blended and open online resource learning opportunities for all students	Instructional Tec	N/A	June (06)	2020	$0

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated cost
			hnology Coach				
Action Step 4	Evaluation	Effectively and efficiently comply with NYSED CBT mandates and potential field test opportunities	Building Principal	N/A	June (06)	2019	$0

5. **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 - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here.	Anticipated month of completion	Anticipated year of completion	Anticipated cost
Action Step 5	Evaluation	Track usage of all hardware and software in instructional settings annually	Director of Technology	N/A	June (06)	2021	$0
Action Step 6	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

III. Action Plan - Goal 1

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here.	Anticipated month of completion	Anticipated year of completion	Anticipated cost
	se)		se)		se)	se)	
Action Step 7	(No Response)	(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)	(No Response)

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Section III - Action Plan

Copy Goal #2, which you listed in Section II, Question 3,and respond to all questions below.

1.   **Goal #2**

Teachers will continue to transform their classrooms into 21st century environments utilizing technology with the goal of increasing student achievement .

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

> 5. 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)**

☑ All students	☐ Migrant students
☐ Pre-K-2	☐ Homeless students
☐ Grades 3-5/6	☐ Economically disadvantaged students
☐ Middle School	☐ Students between the ages of 18-21
☐ High School	☐ Students who are targeted for dropout prevention or
☑ Students with Disabilities	credit recovery programs
☑ ELL/MLLs	☐ Other (please identify in Question 3a, below)

4.   **List the action steps that correspond to Goal #2 from your answer to Question 1, above.**

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated cost
Action Step 1	Professional Development	Implement BrightybytesClarity instructional technology survey to all stakeholders	Instructional Technology Coach	N/A	June (06)	2019	$0
Action Step 2	Professional Developmen	Provide ongoing Professional development in instructional technology based on Brightbytes/Clarity results and other feedback mechanisms	Instructional Technology	N/A	June (06)	2021	3000

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated cost
	t		Coach				
Action Step 3	Professional Development	Teachers will attend conferences on Google apps for education specifically multimedia applications	Classroom Teacher	N/A	June (06)	2019	$0
Action Step 4	Planning	Research data dashboards for user friendly data integration for teachers and administrators	Assistant Superintendent	N/A	June (06)	2019	$0

5. **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 - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you chose "Other" Responsible Stakeholder in the column to the left, please identify here.	Anticipated month of completion	Anticipated year of completion	Anticipated cost
Action Step 5	Curri	The district will continue to utilize and	Instr	N/A	Jun	202	1000

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you chose "Other" Responsible Stakeholder in the column to the left, please identify here.	Anticipated month of completion	Anticipated year of completion	Anticipated cost
	culum	expand software and technology services that supports ELL/MLL student learning, such as home-language keyboards, translation pens, and/or interactive whiteboards, translation services.	uctional Technology Coach		e (06)	1	
Action Step 6	(No Response)	(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)	(No Response)
Action Step 8	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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Section III - Action Plan

Copy Goal # 3, which you listed in Section II, Question 3, and respond to all questions below.

1. **Goal #3**

The district will continuously look to using technology to improve communications, (including safety related topics), throughout the school community.

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

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

3. **Target Student Population(s)**

☑ All students	☐ Migrant students
☐ Pre-K-2	☐ Homeless students
☐ Grades 3-5/6	☐ Economically disadvantaged students
☐ Middle School	☐ Students between the ages of 18-21
☐ High School	☐ Students who are targeted for dropout prevention or
☐ Students with Disabilities	credit recovery programs
☐ ELL/MLLs	☐ Other (please identify in Question 3a, below)

4. **List the action steps that correspond to Goal #3 from your answer to Question 1, above.**

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
Action Step 1	Communications	Expand use of district digital media presence to convey information to stakeholders	Superintendent	N/A	June (06)	2019	$0
Action Step 2	Communications	Implement use of School News Messenger for district-wide communications	Superintendent	N/A	Oct. (10)	2018	12000
Action Step 3	Curriculum	Digital citizenship, including online safety will be taught K-12 embedded into content curriculum	Classroom Teacher	N/A	June (06)	2018	$0
Action Step 4	Poli	Update security features across the	Busi	N/A	July	202	60000

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
	cy/Protocols	district buildings with enhanced technology (phones, strobes, digital imaging upgrades)	ness Official		(07)	0	

5.   **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 - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here.	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
Action Step 5	Community Partnerships	Plan and implement a series of technology rich parent/community access events across district	Instructional Technology Coach	N/A	June (06)	2021	500
Action Step 6	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 7	(No Res	(No Response)	(No Res	(No Respons	(No Res	(No Res	(No Respons

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here.	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
	pon se)		pon se)	e)	pon se)	pon se)	e)
Action Step 8	(No Res pon se)	(No Response)	(No Res pon se)	(No Respons e)	(No Res pon se)	(No Res pon se)	(No Respons e)

For help with completing the plan, please visit 2018-2021 ITP Resources for Districts, contact your district's RIC, or email edtech@nysed.gov.

Section III - Action Plan

Copy Goal # 4, which you listed in Section II by responding "Yes" to Question 4, and respond to all questions below.

1. **Goal #4**

Teachers will use technology to help make informed data driven decisions that support our student's needs and inform instructional practice.

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

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

3. **Target Student Population(s)**

☑ All students	☐ Migrant students
☐ Pre-K-2	☐ Homeless students
☐ Grades 3-5/6	☐ Economically disadvantaged students
☐ Middle School	☐ Students between the ages of 18-21
☐ High School	☐ Students who are targeted for dropout prevention or
☐ Students with Disabilities	credit recovery programs
☐ ELL/MLLs	☐ Other (please identify in Question 3a, below)

4. **List the action steps that correspond to Goal #4 from your answer to Question 1, above.**

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
Action Step 1	Curriculum	Train teachers in grades 3-12 on Star reading and math benchmark diagnostic assessment software	Instructional Technology Coach	N/A	June (06)	2019	$0
Action Step 2	Evaluation	Institute star reading and math benchmark diagnostic software and use results to inform individualized instruction	Classroom Teacher	N/A	June (06)	2021	4000
Action Step 3	Professi	Train teachers in the use of grades 3-12 on IXL math software, including	Instructio	N/A	July (07)	2019	3000

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
	onal Development	assessment reports	nal Technology Coach				
Action Step 4	Curriculum	Implement the use of IXL math as a resource for teachers in grades 3-12 to supplement classroom instruction	Classroom Teacher	N/A	June (06)	2019	$0

5.   **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 - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here.	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
Action Step 5	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)
Action Step 6	(No Res	(No Response)	(No Res	(No Respons	(No Res	(No Res	(No Respons

III. Action Plan - Goal 4

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here.	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
	pon se)		pon se)	e)	pon se)	pon se)	e)
Action Step 7	(No Res pon se)	(No Response)	(No Res pon se)	(No Respons e)	(No Res pon se)	(No Res pon se)	(No Respons e)
Action Step 8	(No Res pon se)	(No Response)	(No Res pon se)	(No Respons e)	(No Res pon se)	(No Res pon se)	(No Respons e)

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Section III - Action Plan

Copy Goal # 5, which you listed in Section II by responding "Yes" to Question 5, and respond to all questions below.

1. **Goal #5**

The district will maintain a plan which addresses the infrastructure and end user devices necessary to support educational objectives.

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

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

3. **Target Student Population(s)**

☒ All students	☐ Migrant students
☐ Pre-K-2	☐ Homeless students
☐ Grades 3-5/6	☐ Economically disadvantaged students
☐ Middle School	☐ Students between the ages of 18-21
☐ High School	☐ Students who are targeted for dropout prevention or
☐ Students with Disabilities	credit recovery programs
☐ ELL/MLLs	☐ Other (please identify in Question 3a, below)

4. **List the action steps that correspond to Goal #5 from your answer to Question 1, above.**

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
Action Step 1	Purchasing	The district will establish a cycle for replacement of 1:1 devices at the secondary level	Director of Technology	N/A	Sept. (09)	2018	300000
Action Step 2	Planning	The district will establish a purchasing and replacement cycle to expand classroom technology at the elementary level, including various mobile devices.	Director of Technology	N/A	June (06)	2021	25000
Action Step 3	Learning Spa	The district will purchase additional digital media capability for large(er) district learning spaces for digital recording and	Director of	N/A	June (06)	2020	100000

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
	ces	virtual field trip purposes	Technology				
Action Step 4	N/A	N/A	N/A	N/A	June (06)	2021	N/A

5.   **This question is optional.**
   If more action steps are needed, continue to list the action steps that correspond to Goal #5 from your answer to Question 1, above.

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here.	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
Action Step 5	(No Response)	(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)	(No Response)
Action Step 7	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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III. Action Plan - Goal 5

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here.	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
	se)		se)		se)	se)	
Action Step 8	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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Section IV - NYSED Initiatives Alignment

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

    The district's comprehensive and sustained effort to support rigorous academic standards attainment and performance improvement for students has required a major paradigm shift, creating a new classroom teaching and learning model. Simply adding technology to the classroom isn't the solution. The teacher's role must change to that of a facilitator, mentor, and manager of instruction. Students become active participants in learner-centered, project-based learning situations. They are taught to acquire and apply critical thinking, creativity, communication and collaboration skills. These 21st century skills are critical to success in today's and tomorrow's society,. Through the use of technology embedded in instruction, teachers have the ability to provide new and expanded opportunities for students to efficiently and effectively communicate in various mediums, be creative and innovative, collaborate, and critically think and problem solve in our classrooms.
    To this end, the district has systematically trained of faculty, staff and administration in how to use technology to enhance and extend student learning. We continue to train and raise expectations for those in our school community in these four levels of student engagement represented by the SAMR model in order to systematically integrate and gauge how computer technology impacts teaching and learning. The last two levels of the SAMR model, modification and redefinition, are the types of instructional activities which have been shown to improve student achievement. These levels also correspond to the application and synthesis levels of Bloom's Taxonomy of Cognitive Thinking.

    The district has also offered and will continue to offer, technology enrichment opportunities for students and parents. We will also continue offering professional development workshops and opportunities for educators to take part in, and have provided every professional in the district with a mobile device in order to extend their own learning. In this manner, we will be rounding out our approach that technology is part of everyone's life, and is blended into how education is delivered. Therefore, we are approaching technology use from an integrated viewpoint between home, school and community.

2. **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 curriculum. Describe how instruction is differentiated using technology to support the individualized learning needs of this student group.**

    Students with disabilities are served through the use of instructional technology as well as assistive technology devices and services to ensure access to and participation in the general curriculum. Instruction is differentiated in a variety of ways depending on specific student needs and his or her IEP. Such differentiation may include, but is not limited to, small group work using mobile devices and applications targeting student IEP goals, whole class settings in which special education students utilize assistive technology tied to their specific IEP conditions, such as enhanced auditory services, visual enhancements, keyboard assists, and a variety of applications specific to student needs. See additional details below.

3. **How does the district utilize technology to address the needs of Students with Disabilities to ensure equitable access to instruction, materials, and assessments? Check all that apply.**

    - ☐ 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.
    - ☑ 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 3a, below)

IV. NYSED Initiatives Alignment

4. **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 their student language and content learning with the use of technology. Check all that apply.**

☑ 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 to increase options 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 4a, below)

5. **How does the district utilize technology to address the needs of English Language Learners/Multilingual Learners to ensure equitable access to instruction, materials, and assessments? Check all that apply.**

☐ 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/MLL 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 5a, below)

6. **The district's instructional technology plan addresses the needs of English Language Learners/Multilingual learners to ensure equitable access to instruction, materials, and assessments in multiple languages.**

Yes

6a. **If Yes, check one.**

In the 5 most spoken languages in the district

6b. **If 'Other' was selected in 6a, above, please explain here.**

(No Response)

7. **Please select the professional development that will be offered to teachers of English language learners/multilingual learners that will enable them to differentiate learning and to increase their student language and content learning with the use of technology. Check all that apply.**

☑ Technology to support writers in the elementary classroom

☑ Technology to support writers in the Secondary classroom

☑ Research, writing and technology in a digital word

☑ 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 and 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 7a, below)

8. **How does the district use instructional technology to facilitate culturally-responsive instruction and learning environments?**

☑ 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.

☐ The district does not use instructional technology to facilitate culturally responsive instruction.

☐ Other (please identify in Question 8a, below)

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Section V - Administrative Management Plan

1.   **Staff Plan**

	Full-time Equivalent (FTE)
District Technology Leadership	1.00
Instructional support	3.00
Technical Support	6.00
Totals:	**10.00**

2.   **Investment Plan**

	Anticipated Item or Service. Select one per row.	If you chose 'Other' Anticipated Item or Service in the column to the left, please identify here. Otherwise, please write "N/A."	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source. May check more than one source per item.	If you chose 'Other' Potential Funding Source in the column to the left, please identify here. Otherwise, please write "N/A."
1	Other (please identify in next column, to the right)	projection systems	310,000	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	415,000	Both	☑ BOCES Co-Ser purchase ☐ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants ☑ Instructional Materials Aid ☐ Instructional Resources Aid ☑ Smart Schools	N/A

V. Administrative Management Plan

	Anticipated Item or Service. Select one per row.	If you chose 'Other' Anticipated Item or Service in the column to the left, please identify here. Otherwise, please write "N/A."	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source. May check more than one source per item.	If you chose 'Other' Potential Funding Source in the column to the left, please identify here. Otherwise, please write "N/A."
					Bond Act ☐ Other (please identify in next column, to the right) ☐ N/A	
3	Other (please identify in next column, to the right)	Video redistribution	75,000	One-Time	☑ BOCES Co-Ser purchase ☐ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants ☑ Instructional Materials Aid ☐ Instructional Resources Aid ☑ Smart Schools Bond Act ☐ Other (please identify in next column, to the right) ☐ N/A	N/A
4	Other (please identify in next column, to the right)	Security upgrades, strobes and speakers	90,000	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
Totals:			**890,000**			

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?**

Not Applicable (There are no non-public schools in the district)

4. **Please indicate whether or not the district has a public website.**

The district has a public website.

4a. **Provide the URL of the district's public website.**

http://www.mohonasen.org/

5. **Please indicate whether or not the district has assigned a specific person with responsibility for Information Security.**

Yes

5a.

If 'Yes' was selected in Question 5 above, please identify the responsible person's title.

Tech Director

6. **Please indicate whether or not the district has assigned a specific person with responsibility for Information Privacy.**

Yes

6a. **If 'Yes' was selected in Question 6 above, please identify the responsible person's title.**

Tech Director

7. **Has a district-wide information security and/or privacy audit ever been performed in the district?**

No

8. **Does the school district provide for educating minors about appropriate online behavior, including interacting with other individuals on social networking websites and in chat rooms?**

Yes

9. **Does the school district provide for educating minors about cyberbullying awareness and response?**

Yes

10. **Does the district have an Internet Safety Policy?**

Yes, and I will provide the URL to the policy.

10b. **Please provide the URL to the district's Internet Safety Policy.**

https://www.mohonasen.org/wp-content/uploads/2018/10/BOEPolicyManual.pdf

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11. **Does the district have a Cyberbullying Policy?**

Yes, and I will provide the URL to the policy.

11b. **Please provide the URL to the district's Cyberbullying Policy.**

https://www.mohonasen.org/wp-content/uploads/2018/10/BOEPolicyManual.pdf

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12. **Does the district have a Parents' Bill of Rights for Data Privacy and Security?**

Yes, and I will provide the URL to the Parents' Bill of Rights for Data Privacy and Security.

12a.   **What year was the Parents' Bill of Rights for Data Privacy and Security policy first posted?**

2014

12b.   **Please provide the URL to the district's Parents' Bill of Rights for Data Privacy and Security.**

http://www.mohonasen.org/notifications-policies/parents-bill-of-rights-for-data-privacy-and-security/

13.   **Does the district have an information breach policy that addresses the district's planned response to an information breach?**

Yes, and I will provide the URL to the policy.

13b.   **Please provide the URL to the policy that addresses the district's planned response to an information breach.**

https://www.mohonasen.org/wp-content/uploads/2018/10/BOEPolicyManual.pdf
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14.   **Provide a direct link to the district's technology plan as posted on the district's website.**

http://www.mohonasen.org/wp-content/uploads/2016/01/Jan-11-2016Rev.Website-Tech-plan-Smart-Schools-Investment-Plan.pdf

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Sharing Innovative Educational Technology Programs

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 category that is not on the list.**

☐ Active Learning Spaces/Makerspaces	☐ Policy, Planning, and Leadership
☐ Culturally Responsive Instruction with Technology	☐ Privacy and Security
☑ Device Planning and Implementation (1:1; BYOD)	☐ Professional Learning
☐ Digital Citizenship	☐ Project-based Learning
☐ Infrastructure	☐ Other Topic A
☐ OER and Digital Curriculum	☐ Other Topic B
☐ Personalized Learning	☐ Other Topic C
☐ Pilots and Proof of Concept	

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	E-mail address	Innovative Programs. Check all that apply.
Please complete all columns.	(No Response)	(No Response)	(No Response)	☐ Active Learning Spaces/Makerspaces ☐ Culturally Responsive Instruction with Technology ☐ Device Planning and Implementation (1:1, BYOD) ☐ Digital Citizenship ☐ Infrastructure ☐ OER and Digital Curriculum ☐ Personalized Learning ☐ Pilots and Proof of Concept ☐ Policy, Planning, and Leadership ☐ Privacy and Security ☐ Professional Learning ☐ Project-based Learning ☐ 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 in order to obtain more information about the innovative program(s) at your district.**

	Name of Contact person	**Title**	**E-mail address**	**Innovative Programs. Check all that apply for each contact name.**
Please complete all columns	(No Response)	(No Response)	(No Response)	☐ Active Learning Spaces/Makers paces ☐ Culturally Responsive Instruction with Technology ☐ Device Planning and Implementation (1:1, BYOD) ☐ Digital Citizenship ☐ Infrastructure ☐ OER and Digital Curriculum ☐ Personalized Learning ☐ Pilots and Proof of Concept ☐ Policy, Planning, and Leadership ☐ Privacy and Security ☐ Professional Learning ☐ Project-based Learning ☐ Other Topic A ☐ Other Topic B ☐ Other Topic C
Please complete all columns	(No Response)	(No Response)	(No Response)	☐ Active Learning Spaces/Makers paces ☐ Culturally Responsive Instruction with Technology ☐ Device Planning and Implementation (1:1, BYOD) ☐ Digital Citizenship ☐ Infrastructure ☐ OER and Digital Curriculum ☐ Personalized Learning

	Name of Contact person	**Title**	**E-mail address**	**Innovative Programs. Check all that apply for each contact name.**
				☐ Pilots and Proof of Concept ☐ Policy, Planning, and Leadership ☐ Privacy and Security ☐ Professional Learning ☐ Project-based Learning ☐ Other Topic A ☐ Other Topic B ☐ Other Topic C
Please complete all columns	(No Response)	(No Response)	(No Response)	☐ Active Learning Spaces/Makers paces ☐ Culturally Responsive Instruction with Technology ☐ Device Planning and Implementation (1:1, BYOD) ☐ Digital Citizenship ☐ Infrastructure ☐ OER and Digital Curriculum ☐ Personalized Learning ☐ Pilots and Proof of Concept ☐ Policy, Planning, and Leadership ☐ Privacy and Security ☐ Professional Learning ☐ Project-based Learning ☐ Other Topic A ☐ Other Topic B ☐ Other Topic C
Please complete all columns	(No Response)	(No Response)	(No Response)	☐ Active Learning Spaces/Makers paces ☐ Culturally Responsive

	Name of Contact person	Title	E-mail address	Innovative Programs. Check all that apply for each contact name.
				Instruction with Technology ☐ Device Planning and Implementation (1:1, BYOD) ☐ Digital Citizenship ☐ Infrastructure ☐ OER and Digital Curriculum ☐ Personalized Learning ☐ Pilots and Proof of Concept ☐ Policy, Planning, and Leadership ☐ Privacy and Security ☐ Professional Learning ☐ Project-based Learning ☐ Other Topic A ☐ Other Topic B ☐ Other Topic C
Please complete all columns	(No Response)	(No Response)	(No Response)	☐ Active Learning Spaces/Makers paces ☐ Culturally Responsive Instruction with Technology ☐ Device Planning and Implementation (1:1, BYOD) ☐ Digital Citizenship ☐ Infrastructure ☐ OER and Digital Curriculum ☐ Personalized Learning ☐ Pilots and Proof of Concept ☐ Policy, Planning, and Leadership ☐ Privacy and

	Name of Contact person	**Title**	**E-mail address**	**Innovative Programs. Check all that apply for each contact name.**
				Security ☐ Professional Learning ☐ Project-based Learning ☐ Other Topic A ☐ Other Topic B ☐ Other Topic C

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