

2018-2021 Instructional Technology Plan - Annually - 2018

I. District LEA Information

Section I - District LEA Information

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

Michael J. Allen

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

Director of Technology

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

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II. Strategic Technology Planning

Section II - Strategic Technology Planning

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

We aspire to be a leading educational community that values diversity and prepares students to meet today's goals and tomorrow's opportunities.

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

Massena Central School District's vision is to educate all children and prepare students to meet today's demands and tomorrow's opportunities through communication, collaboration, critical thinking and creativity. Using instructional technology students will analyze, evaluate and synthesize information for real world integration.

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

	List Goals
Goal 1	Massena Central School teachers will create 21st Century student centered learning experiences including the opportunity to use technology.
Goal 2	Massena Central teachers will engage students in productive and innovative 21st Century learning experiences to ensure that all students are prepared to contribute responsibly in a global society.
Goal 3	Massena Central School will inform and educate community members on current technology practices and tools used in school and applications beyond the classroom.

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

Yes

4a. **List Goal #4**

Massena Central School will redesign learning environments/spaces to accommodate the 21st Century Learning Process.

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

No

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.**

The District Technology committee met quarterly as a whole and then developed a sub committee, who met bi-weekly to work on the Instructional Technology Plan. The sub-committee consists of K-6 teachers, 7-12 teachers, Special Education teachers, a parent and student rep, and an Administrator. Once the sub-committee was formed the group met several times to outline objectives and define goals. The goals were further broken down in to action steps so we could better assess each stage of advancement.

2018-2021 Instructional Technology Plan - Annually - 2018**II. Strategic Technology Planning**

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

While research refers mainly to instructional staff, at MCS we believe it can be applied to all staff members. Our approach to professional development is to ensure all of Massena Central's staff have the best possible skills, content knowledge, and preparation to positively impact student learning.

Professional Development(PD) is offered on the four district-wide PD days, as well as BOE approved half-days, and summer in-district and local BOCES tech camps. The instructional technology coaches (ITC) offer small group and one-to-one PD, as well as screencast tutorials and instructional website and web-links. The ITC's also model and support classroom teachers on demand.

Twenty-first century learners require innovative and progressive instruction and support.

As such, the critical attributes of our program are:

- Research and Standards based
- Results-driven, based on data analysis and needs assessments
- Collaborative, cultivating a peer-to-peer support system
- Staff-driven, where personnel are given options
- Effective use of instructional technology
- Variety of high-quality professional development opportunities
- Job-specific and individualized
- On-going
- Evaluated and assessed

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.

The overall effectiveness of the Instructional Technology goals will be evaluated in terms of impact on teacher effectiveness and student learning.

In the initial year, a survey will be created to gauge teacher knowledge and perceptions of the following:

- student centered learning experiences,
- engaging students in productive and innovative 21st Century learning experiences,
- informing and educating community members on current technology practices and tools,
- learning environments needs to accommodate the 21st Century Learning Process.

Attendance at IT workshops and usage of the IT Coach will also be analyzed to provide evidence of effectiveness. Staff will be required to complete an evaluation form after they attend instructional technology workshops or 1 to 1 training sessions.

In addition, a student survey will be created in year two. Students will be asked to report on their engagement in productive and innovative 21st Century learning experiences. The data collected from the survey, as well as, administrative input will provide opportunities for annual reflection and guide any needed modification.

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III. Action Plan - Goal 1

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

Massena Central School teachers will create 21st Century student centered learning experiences including the opportunity to use technology.

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
- Pre-K-2
- Grades 3-5/6
- Middle School
- High School
- Students with Disabilities
- ELL/MLLs
- Migrant students
- Homeless students
- Economically disadvantaged students
- Students between the ages of 18-21
- Students who are targeted for dropout prevention or credit recovery programs
- 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	Collaboration	Create grade level PLCs to collaborate on best instructional practices, including using technology to support instruction to ensure all students have an opportunity to use technology in their class work.	Curriculum and Instruction Leader	N/A	June (06)	2019	0
Action Step 2	Professional Development	Provide teachers with time, resources and support in their efforts to use technology.	Instructional/PD Coa	N/A	June (06)	2019	\$53,000

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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. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated cost
	ment		ch				
Action Step 3	Professional Development	Provide professional development on 21st Century Learning with practical examples for reference.	Instructional/ PD Coach	N/A	June (06)	2019	\$1,500
Action Step 4	Communications	Create a knowledge center of technology tools that all teachers can access and contribute.	Instructional Technology Coach	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							

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

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III. Action Plan - Goal 2

Section III - Action Plan

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

1. Goal #2

Massena Central teachers will engage students in productive and innovative 21st Century learning experiences to ensure that all students are prepared to contribute responsibly in a global society.

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)

- | | |
|---|---|
| <input checked="" type="checkbox"/> All students
<input type="checkbox"/> Pre-K-2
<input type="checkbox"/> Grades 3-5/6
<input type="checkbox"/> Middle School
<input type="checkbox"/> High School
<input type="checkbox"/> Students with Disabilities
<input type="checkbox"/> ELL/MLLs | <input type="checkbox"/> Migrant students
<input type="checkbox"/> Homeless students
<input type="checkbox"/> Economically disadvantaged students
<input type="checkbox"/> Students between the ages of 18-21
<input type="checkbox"/> Students who are targeted for dropout prevention or credit recovery programs
<input type="checkbox"/> 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	Curriculum	Provide our students with the digital etiquette necessary to have a productive learning experience with other students.	Building Principal	N/A	June (06)	2019	0
Action Step 2	Collaboration	Provide our students with the tools, education and guidance to become good Digital Citizens and 21st Century Learners.	Building Principal	N/A	June (06)	2019	0
Action Step 3	Collaboration	Provide opportunities for our students to virtually collaborate with students in neighboring communities, other schools within our district as well as with other states and countries.	Building Principal	N/A	June (06)	2019	0

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III. Action Plan - Goal 2

	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 4	Purchasing	Provide our teachers and students with the technology (hardware/software) and support necessary to collaborate with our global community.	Director of Technology	N/A	June (06)	2019	\$200,000

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	(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 2

	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
	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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III. Action Plan - Goal 3

Section III - Action Plan

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

1. Goal #3

Massena Central School will inform and educate community members on current technology practices and tools used in school and applications beyond the classroom.

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)

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

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	Community	Provide resources that focuses on parental support of the applications and software used by staff and students at MCS (I.e. G-Suite, School Tool, BrainPop).	Instructional/ PD Coach	N/A	June (06)	2021	0
Action Step 2	Community	Provide information and resources on Digital Citizenship	Building Principal	N/A	June (06)	2021	0
Action Step 3	Community	We will provide a digital open forum to community members where they can pose questions to the aforementioned practices and tools to further their	Instructional/ PD	N/A	June (06)	2021	0

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III. Action Plan - Goal 3

	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
		knowledge on these applications.	Coach				
Action Step 4	Communications	Will provide information on the District website for the parents and community members on available education technology workshops and latest trends.	Instructional/ PD Coach	N/A	June (06)	2021	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	(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 3

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

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III. Action Plan - Goal 4

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

Massena Central School will redesign learning environments/spaces to accommodate the 21st Century Learning Process.

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)

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

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	Research Create awareness by providing examples and support for redesigned 21st Century Learning environment.	Director of Technology	N/A	June (06)	2021	0
Action Step 2	Research Provide staff with opportunities to visit other districts, communities, and vendors who have implemented varied learning environments to gain insight and inspiration that could be used within our own learning environments.	Curriculum and Instruction Leader	N/A	June (06)	2021	\$1,000
Action Step 3						

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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. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
	Planning	Future furniture expenditures will support collaboration, creativity, critical thinking and problem solving needs of our 21st Century learners.	Building Principal	N/A	June (06)	2021	\$50,000
Action Step 4	Learning Spaces	Create learning environment/spaces in the media centers.	Library Media Specialist	N/A	June (06)	2021	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 Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

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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
	(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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IV. NYSED Initiatives Alignment

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 has already purchased additional chromebooks to use with i-Ready, ELA and math curriculum and assessment in grades K through 9. There has been a financial commitment and pedagogical shift in the Junior High School as they will be moving to a 1 to 1 environment in the fall pending the approval of the second phase of the NY State Smart Bond. The District continues to provide professional development opportunities for all teachers on instructional applications, i.e. Google Classroom.

- 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.**

i-Ready, an adaptive, online individualized learning curriculum is used by K-12 teachers to help differentiate instruction, meet the students at their levels and provide supplemental materials for small group and personalized learning. The district has committed to purchasing technologies that meet the students needs, for example, iPads, chromebooks, large screen monitors, and touchscreen devices. In addition, there is adaptive and visual software used to meet the students individualized learning needs.

Currently, the district uses the following adaptive technologies and software with students with disabilities: Chromebooks, laptops and iPads are customizable to address the need of the students, for example, Chrome and Apple webstore add-ons, device settings. Teamviewer, large monitors, noise-canceling headsets, braille software and printer.

- 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)

- 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.**

- | | |
|---|---|
| <input type="checkbox"/> Technology to support writers in the elementary classroom | <input checked="" type="checkbox"/> Using technology to increase options for students with disabilities to demonstrate their knowledge and skills |
| <input type="checkbox"/> Technology to support writers in the secondary classroom | <input checked="" type="checkbox"/> Multiple ways of assessing student learning through technology |
| <input type="checkbox"/> Research, writing and technology in a digital world | <input type="checkbox"/> Electronic communication and collaboration |
| <input checked="" type="checkbox"/> Enhancing children's vocabulary development with technology | <input type="checkbox"/> Promotion of model digital citizenship and responsibility |
| <input checked="" type="checkbox"/> Reading strategies through technology for students with disabilities | <input checked="" type="checkbox"/> Integrating technology and curriculum across core content areas |
| <input checked="" type="checkbox"/> Choosing assistive technology for instructional purposes in the special education classroom | <input checked="" type="checkbox"/> Helping students with disabilities to connect with the world |
| <input checked="" type="checkbox"/> Using technology to differentiate instruction in the special education classroom | <input type="checkbox"/> Other (please identify in Question 4a, below) |

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IV. NYSED Initiatives Alignment

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.

- | | |
|---|---|
| <input type="checkbox"/> Technology to support writers in the elementary classroom | <input checked="" type="checkbox"/> Multiple ways of assessing student learning through technology |
| <input type="checkbox"/> Technology to support writers in the Secondary classroom | <input checked="" type="checkbox"/> Electronic communication and collaboration |
| <input type="checkbox"/> Research, writing and technology in a digital word | <input checked="" type="checkbox"/> Promotion and model digital citizenship and responsibility |
| <input type="checkbox"/> Writing and technology workshop for teachers | <input checked="" type="checkbox"/> Integrating technology and curriculum across core content areas |
| <input checked="" type="checkbox"/> Enhancing Children's Vocabulary Development with technology | <input type="checkbox"/> Web authoring tools |
| <input type="checkbox"/> Writer's workshop in the Bilingual classroom | <input checked="" type="checkbox"/> Helping students connect with the world |
| <input checked="" type="checkbox"/> Reading strategies for English Language Learners | <input checked="" type="checkbox"/> The interactive whiteboard and language learning |
| <input checked="" type="checkbox"/> Moving from learning letters to learning to read | <input type="checkbox"/> Use camera for documentation |
| <input type="checkbox"/> The power of technology to support language acquisition | <input type="checkbox"/> Other (please identify in Question 7a, below) |
| <input checked="" type="checkbox"/> Using technology to differentiate instruction in the language classroom | |

2018-2021 Instructional Technology Plan - Annually - 2018IV. NYSED Initiatives Alignment

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)

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

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V. Administrative Management Plan

Section V - Administrative Management Plan

1. Staff Plan

	Full-time Equivalent (FTE)
District Technology Leadership	1.00
Instructional support	0.30
Technical Support	3.00
Totals:	4.30

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	Internet Connectivity	N/A	30,000	Annual	<input type="checkbox"/> BOCES Co-Ser purchase <input checked="" type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Materials Aid <input type="checkbox"/> Instructional Resources Aid <input type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other (please identify in next column, to the right) <input type="checkbox"/> N/A	N/A
2	End User Computing Devices	N/A	312,000	One-Time	<input type="checkbox"/> BOCES Co-Ser purchase <input type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Materials Aid <input type="checkbox"/> Instructional Resources Aid <input checked="" type="checkbox"/> Smart Schools	N/A

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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."
					<input type="checkbox"/> Bond Act <input type="checkbox"/> Other (please identify in next column, to the right) <input type="checkbox"/> N/A	
3	Peripheral Devices	N/A	22,050	One-Time	<input type="checkbox"/> BOCES Co-Ser purchase <input type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Materials Aid <input type="checkbox"/> Instructional Resources Aid <input checked="" type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other (please identify in next column, to the right) <input type="checkbox"/> N/A	N/A
4	Peripheral Devices	N/A	28,600	One-Time	<input type="checkbox"/> BOCES Co-Ser purchase <input type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Materials Aid <input type="checkbox"/> Instructional Resources Aid <input checked="" type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other (please identify in next column, to the right) <input type="checkbox"/> N/A	N/A
Totals:			392,650			

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V. Administrative Management Plan

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. 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.mcs.k12.ny.us>

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.

Director of Technology

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.

Director of Technology

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

Yes

7a. If 'Yes' was selected in Question 7 above, please identify how often a security and/or privacy audit has been performed?

Yearly

7b. If 'Yes' was selected in Question 7 above, please indicate whether the audit(s) was/were performed by an independent 3rd party contractor.

Yes - all audits were performed by a 3rd party contractor

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 upload the policy.

10a. Please upload the district's Internet Safety Policy.

8271 Children's Internet Protection Act.pdf

11. Does the district have a Cyberbullying Policy?

Yes, and I will upload the policy.

11a. Please upload the district's Cyberbullying Policy.

7310 Student Code of Conduct & Discipline(1).pdf

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V. Administrative Management Plan

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

Yes, the district does have a Parents' Bill of Rights for Data Privacy and Security, but it is not posted online. I will upload it.

12c. Please upload the district's Parents' Bill of Rights for Data Privacy and Security.

INFORMATION REGARDING DATA PRIVACY AND SECURITY (1).pdf

12d. What year was the Parents' Bill of Rights for Data Privacy and Security policy first made available to the public?

2017

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://1.cdn.edl.io/4eIKja9haJO7fhwE3XVm9JtLJC9NbGbmRNFZGtjIizVu1Cz9.pdf>

14. Provide a direct link to the district's technology plan as posted on the district's website.

<https://4.files.edl.io/f396/06/08/18/155047-5175d7a9-2d30-4218-8184-53d7063f7267.pdf>

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

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VI - Sharing Innovative Educational Technology Programs

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.

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

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

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	Name of Contact person	Title	E-mail address	Innovative Programs. Check all that apply for each contact name.
Please complete all columns	Stephanie Allen	Director of Curriculum	sallen@mcs.k12.ny.us	<input type="checkbox"/> Active Learning Spaces/Makers paces <input type="checkbox"/> Culturally Responsive Instruction with Technology <input type="checkbox"/> Device Planning and Implementation (1:1, BYOD) <input type="checkbox"/> Digital Citizenship <input type="checkbox"/> Infrastructure <input type="checkbox"/> OER and Digital Curriculum <input type="checkbox"/> Personalized Learning <input type="checkbox"/> Pilots and Proof of Concept <input checked="" type="checkbox"/> Policy, Planning, and Leadership <input type="checkbox"/> Privacy and Security <input checked="" type="checkbox"/> Professional Learning <input type="checkbox"/> Project-based Learning <input type="checkbox"/> Other Topic A <input type="checkbox"/> Other Topic B <input type="checkbox"/> Other Topic C
Please complete all columns	Michael Allen	Director of Technology	mallen@mcs.k12.ny.us	<input type="checkbox"/> Active Learning Spaces/Makers paces <input type="checkbox"/> Culturally Responsive Instruction with Technology <input type="checkbox"/> Device Planning and Implementation (1:1, BYOD) <input type="checkbox"/> Digital Citizenship <input checked="" type="checkbox"/> Infrastructure <input type="checkbox"/> OER and Digital Curriculum <input type="checkbox"/> Personalized Learning

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VI - Sharing Innovative Educational Technology Programs

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

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VI - Sharing Innovative Educational Technology Programs

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

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VI - Sharing Innovative Educational Technology Programs

	Name of Contact person	Title	E-mail address	Innovative Programs. Check all that apply for each contact name.
				Security <input type="checkbox"/> Professional Learning <input type="checkbox"/> Project-based Learning <input type="checkbox"/> Other Topic A <input type="checkbox"/> Other Topic B <input type="checkbox"/> Other Topic C

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