

**2018-2021 Instructional Technology Plan Update - 2019 Optional Tech Plan Update**

I. District LEA Information

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**Section I - District LEA Information**

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

Erin Thompson-Miller

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](mailto:edtech@nysed.gov).

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II. Strategic Technology Planning

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**Section II - Strategic Technology Planning**

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

Our mission is to educate, empower and challenge all students to become productive, global citizens through innovative approaches to learning.

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

Embracing our diverse programs and community to become a premier public school district by utilizing technology to prepare our students for the challenges of the 21st century.

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

	List Goals
Goal 1	Equitable Access to technology for all 2 through 12 grade students
Goal 2	Technology infrastructure upgrades to implement and sustain a robust wireless network to support equitable access for all students.
Goal 3	Provide Professional Development to guide faculty efficient and appropriate use of technology to increase student collaboration, increase innovative thinking and the creation of products that demonstrate understanding, and access/use of information.

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

Yes

4a. **List Goal #4**

Update Technology Vision Statement to guide future instructional technology decisions

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

No

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- 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.**

**District Technology Committee**

Erin Thompson Miller, Director of Instructional Technology

Tim Miller, IT Dept.

Bernie Alimonti, IT Dept.

Jo Ann Summerlee, West Middle teacher

Kelly O'Sullivan, East Middle teacher

Michele Transue, Special Services

Beth Sullivan, Horace Mann teacher

Velvet Tanner, Co-Director Special Services

Annette Minarcin, Co-Director Special Services

Brain Whalen, BOE Member

Chris Sielaff, High School teacher

David Hall, community member

Debbie Sluzar, High School librarian

Eugenie Johnston,

Kelly Breward, High School teacher

Richard Dutko, Special Services

Shannon Wood, Thomas Jefferson teacher

The Binghamton City CSD Technology Committee meets once every quarter (4 times per academic year). One of the goals of the technology committee is to review and update the instructional technology plan. Committee members include a wide cross-section of District Administrators, District Staff, and Regional Information Center staff.

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

The focus of the district professional development plan to build the capacity of educators and administrators is a streamlined rollout based on our 1:1 initiative. We have created a 3 day course entitled "Engaging and Managing your 1:1 Classroom." It will be the expectation that all teachers take part in this course within 2 years of becoming a 1:1 classroom. From there, technology mentors provide workshops to further support integrating technology into our existing curriculum and enhance formative assessment.

- 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 District will use a variety of measures to evaluate goals and programs throughout the plan.

- Adherence to the 1:1 rollout timeline
- Professional Development will be measured based on participation completion in Frontline
- Completion of a vision statement and goals for the District Technology Committee, and approval by the Board of Education

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

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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**

To provide equitable access to technology for all 2nd through 12 grade students through a 1:1 program.

**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). 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	Purchasing Purchase 1:1 devices for 4th, 7th, and 8th grade students	Director of Technology	N/A	Aug. (08)	2018	\$650,000
Action Step 2	Purchasing Purchase and distribute devices for 3rd, 9th and 10th grade students	Director of Technology	N/A	Aug. (08)	2019	\$650,000
Action Step 3	Purchasing Purchase 1:1 devices for 2nd, 11th, and 12th grade students	Director	N/A	Aug. (08)	2020	\$650,000

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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
	ng		of Technology				
Action Step 4	Evaluation	On a yearly basis, we will utilize a survey product, i.e. BrightBytes, to gather data on the effectiveness of the 1:1 program and devices from pertinent stakeholders.	Director of Technology	N/A	Dec. (12)	2021	50,000

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	(No Response)	(No Response)	N/A	(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 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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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**

To make upgrades to our technology infrastructure in order to implement and sustain a robust wireless network, in turn supporting equitable access for all students

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

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

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

- 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 #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	Infrastructure Expand the wireless network by installing additional access points on a yearly basis as we expand the 1:1 program.	Director of Technology	N/A	Oct. (10)	2020	\$100,000
Action Step 2	Infrastructure Through ERATE 2 funding, purchasing new core and edge switches to upgrade the current infrastructure.	Director of Technology	N/A	Oct. (10)	2019	\$800,000
Action Step 3	Eval We will use a combination of annual	Director	N/A	Jun	202	N/A

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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
	uation	wireless surveys and feedback provided by students and staff to evaluate the effectiveness of our solution.	ctor of Technology		e (06)	1	
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 #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
	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 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**

To provide professional development to guide faculty in the efficient and appropriate use of technology for accessing and utilizing accurate information, increasing student collaboration and innovative thinking, and creating products that demonstrate understanding.

**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)**

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> All students<br><input type="checkbox"/> Pre-K-2<br><input type="checkbox"/> Grades 3-5/6<br><input type="checkbox"/> Middle School<br><input type="checkbox"/> High School<br><input type="checkbox"/> Students with Disabilities<br><input type="checkbox"/> ELL/MLLs | <input type="checkbox"/> Migrant students<br><input type="checkbox"/> Homeless students<br><input type="checkbox"/> Economically disadvantaged students<br><input type="checkbox"/> Students between the ages of 18-21<br><input type="checkbox"/> Students who are targeted for dropout prevention or credit recovery programs<br><input type="checkbox"/> 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	Professional Development	Collaboration with a representative group of the Technology Mentors for the purposes of creating a mandatory 3-day course that teachers will be required to take within three years of implementing 1:1 technology in their classroom.	Director of Technology	N/A	July (07)	2018	\$3,643.00
Action Step 2	Professional Development	Training of up to 360 teachers over three, 3-day sessions per the summers of 2018, 2019, 2020. implementing 1:1 classrooms with the mandatory course.	Instructional Technology Coa	N/A	Aug. (08)	2021	\$114,530.64

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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
			ch				
Action Step 3	Professional Development	Training in other areas of educational technology provided by the building Technology Mentors.	Instructor/ PD Coach	N/A	June (06)	2019	\$308,500.00
Action Step 4	Professional Development	Training in other areas of educational technology provided by the building Technology Mentors.	Instructor/ PD Coach	N/A	June (06)	2020	\$308,500.00

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	Professional	Training in other areas of educational technology provided by the building	Instructor	N/A	June	2021	\$308,500.00

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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
	Professional Development	Technology Mentors.	Professional Technology Coach		(06)		
Action Step 6	Professional Development	Working with Technology Mentors on continued alignment of PD to align best teaching practices with curriculum already in place within the district.	Director of Technology	N/A	June (06)	2019	N/A
Action Step 7	Evaluation	We will utilize information provided by Frontline to determine success of offerings for the professional development, i.e. enrollment, feedback, completion of programs.	Director of Technology	N/A	June (06)	2021	N/A
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**

To update the Binghamton City School District's Technology Vision Statement to align with our Board of Education Goals and guide future instructional technology decisions.

**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)**

- |   |   |
|---|---|
| <input checked="" type="checkbox"/> All students<br><input type="checkbox"/> Pre-K-2<br><input type="checkbox"/> Grades 3-5/6<br><input type="checkbox"/> Middle School<br><input type="checkbox"/> High School<br><input type="checkbox"/> Students with Disabilities<br><input type="checkbox"/> ELL/MLLs | <input type="checkbox"/> Migrant students<br><input type="checkbox"/> Homeless students<br><input type="checkbox"/> Economically disadvantaged students<br><input type="checkbox"/> Students between the ages of 18-21<br><input type="checkbox"/> Students who are targeted for dropout prevention or credit recovery programs<br><input type="checkbox"/> 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	Collaboration	A Vision Subcommittee of the District Technology Committee will work to align our technology vision with the District vision and goals.	Director of Technology	N/A	June (06)	2019	N/A
Action Step 2	Evaluation	In order to get feedback on the alignment from all stakeholders we will include it in the annual survey using an outside tool, i.e. BrightBytes.	Director of Technology	N/A	Dec. (12)	2019	15,000
Action Step 3	Eval	The sub-committee will present to the full	Dire	N/A	April	201	N/A

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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
	uation	District Technology Committee for approval of the aligned vision.	ctor of Technology		(04)	9	
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 #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)
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 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
	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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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.**

Our district use of instructional technology will serve as an enhancement to our already high expectations of student learning and rigorous academic standards. By aligning our professional development offerings, and focusing our district technology vision, we will better be able to help teachers reach their goals of purposefully integrating technology into their curriculum in order to best meet the needs of our 21st century learners.

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.**

- Devices are provided to students with the 1:1 program and they are utilized to deliver online curriculum purchased specifically for students with disabilities as well as provide access to text to speech software providing increased support for comprehension of written and verbal language

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 checked="" 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 checked="" type="checkbox"/> Technology to support writers in the secondary classroom                         | <input checked="" type="checkbox"/> Multiple ways of assessing student learning through technology  |
| <input checked="" type="checkbox"/> Research, writing and technology in a digital world                              | <input checked="" type="checkbox"/> Electronic communication and collaboration  |
| <input type="checkbox"/> Enhancing children's vocabulary development with technology                                 | <input checked="" 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 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)  |



2018-2021 Instructional Technology Plan Update - 2019 Optional Tech Plan Update

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 15 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 checked="" type="checkbox"/> Technology to support writers in the elementary classroom               | <input checked="" type="checkbox"/> Multiple ways of assessing student learning through technology  |
| <input checked="" type="checkbox"/> Technology to support writers in the Secondary classroom                | <input checked="" type="checkbox"/> Electronic communication and collaboration                      |
| <input checked="" type="checkbox"/> Research, writing and technology in a digital word                      | <input checked="" type="checkbox"/> Promotion and model digital citizenship and responsibility      |
| <input checked="" type="checkbox"/> Writing and technology workshop for teachers                            | <input checked="" type="checkbox"/> Integrating technology and curriculum across core content areas |
| <input 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 type="checkbox"/> The interactive whiteboard and language learning                           |
| <input 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 Update - 2019 Optional Tech Plan Update**IV. NYSED Initiatives Alignment

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**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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V. Administrative Management Plan

**Section V - Administrative Management Plan**

**1. Staff Plan**

	Full-time Equivalent (FTE)
District Technology Leadership	1.00
Instructional support	2.00
Technical Support	0.00
<b>Totals:</b>	<b>3.00</b>

**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	End User Computing Devices	N/A	650,000	Annual	<input checked="" 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 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	Network and Infrastructure	N/A	900,000	One-Time	<input type="checkbox"/> BOCES Co-Ser purchase <input type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input checked="" 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	N/A

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	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	Professional Development	N/A	495,030	Annual	<input checked="" 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
4	N/A	N/A	0	N/A	<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 type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other (please identify in next column, to the right) <input checked="" type="checkbox"/> N/A	N/A
<b>Totals:</b>			<b>2,045,030</b>			

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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.binghamtonschools.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.

Director of Technology and SCRIC MITS Coordinator

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.

Assistant Superintendent for Instruction and Budget

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.

[http://www.binghamtonschools.org/UserFiles/Servers/Server\\_512723/File/Board%20Policies/Section%208000%20Instruction.pdf](http://www.binghamtonschools.org/UserFiles/Servers/Server_512723/File/Board%20Policies/Section%208000%20Instruction.pdf)

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.

[http://www.binghamtonschools.org/district/required\\_notifications/b\\_c\\_s\\_d\\_dignity\\_for\\_all\\_students\\_act](http://www.binghamtonschools.org/district/required_notifications/b_c_s_d_dignity_for_all_students_act)

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

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V. Administrative Management Plan

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

[http://www.binghamtonschools.org/district/required\\_notifications/parent\\_s\\_bill\\_of\\_rights\\_for\\_data\\_privacy\\_and\\_secur](http://www.binghamtonschools.org/district/required_notifications/parent_s_bill_of_rights_for_data_privacy_and_secur)

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

Yes, and I will upload the policy.

**13a. Please upload the policy that addresses the district's planned response to an information breach.**

Binghamton City CSD Data Privacy Breach Policy and Procedure

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

[http://bcasd1.ss14.sharpschool.com/UserFiles/Servers/Server\\_512723/File/About/Departments/Technology/Tech%20Plan%20Survey%202015.pdf](http://bcasd1.ss14.sharpschool.com/UserFiles/Servers/Server_512723/File/About/Departments/Technology/Tech%20Plan%20Survey%202015.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](mailto: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 type="checkbox"/> Policy, Planning, and Leadership
<input type="checkbox"/> Culturally Responsive Instruction with Technology	<input type="checkbox"/> Privacy and Security
<input type="checkbox"/> Device Planning and Implementation (1:1; BYOD)	<input type="checkbox"/> Professional Learning
<input type="checkbox"/> Digital Citizenship	<input type="checkbox"/> Project-based Learning
<input 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	(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 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



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	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 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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	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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