

**2018-2021 Instructional Technology Plan - Annually - 2018**

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?**

Jessie Joy

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

Chief Information Officer

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).

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

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**Section II - Strategic Technology Planning****1. What is the overall district mission?**

We are committed to provide our students high-quality, 21st century learning experiences within and beyond our classrooms so that our graduates are prepared to excel in college, career, and life.

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

Technology will be an integral part of the way we teach, learn, and work. It will be available to all students and teachers to make learning exciting and an engaging experience. JPS aims to open the walls of the school to the outside world and to foster communication between themselves and the greater community. The careers of tomorrow will demand that our students be able to access, retrieve, and analyze information. Our students will need to be critical thinkers, problem solvers, and effectively communicate their thoughts and ideas. Jamestown Public Schools is committed to nurturing this process.

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

	List Goals
Goal 1	The district will ensure that all students have regular and frequent access to instructional technology, and that all teachers have the resources, training, and support needed to provide learning rich experiences that embed twenty-first century learning tools, technologies, and resources.
Goal 2	The district will leverage the use of instructional technology to maximize opportunities for differentiated instruction, and to provide personalized learning experiences that are aligned to student interests, learning needs, and cultural or linguistic differences.
Goal 3	In order to ensure that all students and educators engage in regular and frequent technology-rich learning experiences, the district will provide a comprehensive and secure infrastructure that maintains high standards of network efficiency, security, and support.

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

No

**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 Instructional Technology Plan was developed to support the Jamestown City School District Strategic Plan, 2014-2019, with consideration to key initiatives recently drafted by the superintendent of schools and the board of education. These key initiatives include the development of a robust, contemporary curriculum that prepares learners for college and career, the development of systems and structures to support social-emotional learning with targeted supports for children impacted by adverse childhood experiences, and the establishment of extended learning opportunities to strengthen early literacy skills and to close the achievement gap in reading.

In order to support attainment of these key initiatives, an Executive Committee was established to guide the development of the Instructional Technology Plan. Members of the Executive Committee include the Director of Information Technology, Director of Data and Accountability, Director of Curriculum and Instruction, and Technology Integration Specialist. The Executive Committee drafted the primary goals of the Instructional Technology Plan, and engaged stakeholders in the development of action plans in support of these goals. Stakeholders include teachers, administrators, and technology support specialists.

Going forward, the Executive Committee will schedule regular meetings of the Technology Plan Advisory Team, to include representatives of all stakeholder groups. The Advisory Team will review the status of plan implementation, consider measurement and evaluation of the impact of the plan, and propose recommended adjustments to the plan as needs emerge and are identified.

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

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

The Jamestown City School District provides a comprehensive and personalized approach to professional learning, with frequent opportunities for job-embedded professional growth and support. Professional learning opportunities are driven by student needs and district goals. The professional development plan includes two key components to supporting teachers to more effectively integrate instructional technology.

**Core Teacher Program:** The district-designed CORE Teacher Program delivers professional development focused on integrating technology in the classroom, including multiple half-day and full-day sessions on topics ranging from iPads in the classroom to Google Suite for Education. Each year 15-20 educators are chosen from an application process to receive six days of professional development in addition to a new laptop computer and iPad. During the six days, "CORE Teachers" work in content teams to produce a technology enhanced unit that is published as a digital book and shared with the district. CORE Teachers are expected to continue after the training as technology mentors for their peers.

**Instructional Coaches:** Instructional coaches provide exceptional expertise, content area knowledge, and experience in professional development. Instructional coaches will be vital in providing teacher trainings for technology integration and formative assessment. As proven educational professionals, the instructional coaches have already provided well over 1,000 specific educational content area or technology-related professional development opportunities for elementary, middle and high school teachers. Sessions include topics related to Kagan's cooperative learning structures, student engagement, and technology support including Kahoot!, Class DoJo, CORE Teacher, iPads in ELA, Apple iPad 1:1, Edmodo, eDoctrina, NWEA, and Frontline. In addition to providing district-level professional development, instructional coaches are key components of the job-embedded support that must be provided for teachers to develop engaging curriculum using classroom technology. Instructional coaches will assist teachers with using Google Classroom and iPads to infuse technology into their ELA, math, social studies and science classes. Instructional coaches will provide professional development and support, such as co-planning or modeling, to elementary and middle school teachers on technology integration, formative assessment and curriculum development.

**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.**

In order to achieve successful implementation of the Instructional Technology Plan, ongoing measurement and evaluation will be essential to monitor progress toward achievement of the goals and action plans. Methods of evaluation will include stakeholder surveys, statistical data concerning access to and utilization of digital resources and instructional software applications, examination of written curriculum and instructional delivery for evidence of technology integration, and analysis of student achievement outcomes on state and local assessments.

The Technology Plan Advisory Committee will meet a minimum of three times per year to review evaluation data and to monitor the progress of plan implementation. The Advisory Committee will provide additional feedback on the degree to which the goals and action plans have been successfully achieved, and may provide recommendations as to whether adjustments are needed in order to more effectively realize the attainment of plan goals.

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## 2018-2021 Instructional Technology Plan - Annually - 2018

## 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

The district will ensure that all students have regular and frequent access to instructional technology, and that all teachers have the resources, training, and support needed to provide learning rich experiences that embed 21st century learning tools, technologies, and resources.

## 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.

- |   |   |
|---|---|
| <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 checked="" 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 #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	The district will strategically increase the number of devices available to students with the goal of achieving one-to-one in all grades and subjects.	Director of Technology	N/A	June (06)	2021	\$3,000,000
Action Step 2	Learning Spaces	The district will promote and support increased utilization of twenty-first century teaching resources, including interactive displays.	Director of Technology	N/A	June (06)	2021	\$1,600,000
Action Step 3	Curriculum	The district will develop and implement a	Instructor	N/A	June	202	\$10,000

## 2018-2021 Instructional Technology Plan - Annually - 2018

## 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
	Curriculum	K-12 scope and sequence for instructional technology skills, as well as a digital citizenship curriculum.	Instructional Technology Coach		June (06)	2021	
Action Step 4	Curriculum	The district will ensure that instructional technology skills and applications are embedded within district curriculum as it is developed.	Instructional Technology Coach	N/A	June (06)	2021	\$10,000

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)	(No Response)	(No Response)	(No Response)	(No Response)	(No Response)

## 2018-2021 Instructional Technology Plan - Annually - 2018

## 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 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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## 2018-2021 Instructional Technology Plan - Annually - 2018

## 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

The district will leverage the use of instructional technology to maximize opportunities for differentiated instruction, and to provide personalized learning experiences that are aligned to student interests, learning needs, and cultural or linguistic differences.

## 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 checked="" 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 checked="" type="checkbox"/> Students who are targeted for dropout prevention or credit recovery programs |
| <input checked="" type="checkbox"/> Students with Disabilities | <input type="checkbox"/> Other (please identify in Question 3a, below)   |
| <input checked="" type="checkbox"/> ELL/MLLs                   |  |

## 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	Implementation	The district will increase blended learning opportunities that enable teachers to use instructional technology as well as face-to-face instruction to be more responsive to student needs and allow for multiple learning pathways.	Instructional Technology Coach	N/A	June (06)	2021	\$150,000
Action Step 2	Implementation	The district will promote the use of instructional technology to provide differentiated instructional strategies to accommodate varied academic readiness, diverse learning styles and language proficiencies.	Instructional Technology Coa	N/A	June (06)	2021	\$60,000

## 2018-2021 Instructional Technology Plan - Annually - 2018

## 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
			ch				
Action Step 3	Implementation	The district will promote the use of distance learning technology to enable students and staff to communicate and collaborate with peers in different schools or districts.	Instructional Technology Coach	N/A	June (06)	2021	\$75,000
Action Step 4	Professional Development	The district will provide professional development opportunities that build educator capacity to leverage instructional technology to differentiate instruction, provide blended learning opportunities, and promote collaboration.	Curriculum and Instruction Leader	N/A	June (06)	2021	\$100,000

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.



## 2018-2021 Instructional Technology Plan - Annually - 2018

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

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## 2018-2021 Instructional Technology Plan - Annually - 2018

## 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

In order to ensure that all students and educators engage in regular and frequent technology-rich learning experiences, the district will provide a comprehensive and secure infrastructure that maintains high standards of network efficiency, security, and support.

## 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)

- |   |   |
|---|---|
| <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	Staffing	The district will increase staffing levels in the Information Services Department to ensure sufficient technology support for staff and students.	Director of Technology	N/A	June (06)	2021	63,645
Action Step 2	Staffing	The district will increase the number of instructional technology coaches available to provide job-embedded support for teachers to effectively integrate technology into classroom learning.	Curriculum and Instruction Leader	N/A	June (06)	2021	20,000

## 2018-2021 Instructional Technology Plan - Annually - 2018

## 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
			der				
Action Step 3	Infrastructure	The district will identify and implement systems that continuously monitor and report on the usage and status of network resources in order to ensure optimal bandwidth to support increased use of instructional technology.	Director of Technology	N/A	June (06)	2021	30,000
Action Step 4	Infrastructure	The district will upgrade our existing communications systems to provide secure and robust video and audio communications in order to support increased distance learning opportunities.	Director of Technology	N/A	June (06)	2021	350,000

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)

## 2018-2021 Instructional Technology Plan - Annually - 2018

## 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
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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**2018-2021 Instructional Technology Plan - Annually - 2018****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 technology plan seeks to enhance district use of technology through increased access to devices and digital resources, combined with job-embedded professional development to improve teacher capacity to design contemporary curriculum that integrates technological literacy while providing ample opportunities for personalized learning. The district recognizes that teachers cannot effectively integrate technology where access is limited, but that access alone will be insufficient to ensure that instructional technology is used strategically to promote high levels of student engagement. Consequently, developing a strong pedagogy of instructional strategies and approaches is a key component of the district technology plan.

Effective use of instructional technology requires teachers to expand their knowledge of pedagogical practices including planning curriculum and activities, facilitating the lessons and evaluating the outcomes. When using technology as an instructional tool, teachers must know how to select appropriate computer applications and accessories to meet the needs of the curriculum, use the device, accessories and applications selected, develop interactive lessons utilizing the technology, and evaluate the the learning needs of students.

In order to ensure improved student learning outcomes, pedagogical practice must go beyond merely using instructional technology to perform the same tasks that were previously completed without a device. In order to ensure that instructional technology is truly integrated into the classroom, the district will apply the SAMR framework. The SAMR model provides a framework for the design, development, and delivery of digital learning experiences that go beyond using technology as a substitute for more traditional tools. The SAMR Model considers four classifications of technology use for learning activities: (1) Substitution - Technology is a direct tool substitute with no functional change; (2) Augmentation - Technology substitutes other activities with some functional improvements; (3) Modification - Technology allows the learning activity to be redesigned; (4) Redefinition - Technology allows for the creation of new tasks previously inconceivable.

Through the development of high quality curriculum units that include strategic and intentional opportunities for technology integration, combined with job-embedded professional learning that supports teachers to effectively utilize technology to personalize, adapt, and enrich the learning environment for all students, it is expected that both teaching practice and student learning outcomes will improve.

- 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.**

The district has undertaken a 1:1 initiative to provide regular daily access to technology for all students. The focus of the 1:1 initiative has been to promote and strengthen teacher capacity to leverage technology to plan and deliver instruction that is differentiated based on learning style and academic readiness. Through these professional development opportunities, teachers of students with disabilities are learning how to assign learning tasks that are adapted to students' individual learning needs.

Teachers of students with disabilities are able to leverage instructional technology to provide multiple means of access to instructional content. This may include digital text sets at various reading levels, screen readers that feature text-to-speech, or instructional videos. Interactive displays enable students with disabilities increased access to learning through video, graphics, and animation.

Students with disabilities may also use instructional technology to accommodate multiple means of expression. This may include options such as word processing, creating videos, speech-to-text, or assistive technology that enables communication for students who are nonverbal.

Finally, teachers may use instructional technology to adapt learning tasks and assessments according to each students' readiness level, thus enabling students greater opportunity for participation and engagement in a personalized learning environment. This may include individualized tasks assigned in a learning management system, as well as differentiated practice through learning games and other applications.

- 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)

## 2018-2021 Instructional Technology Plan - Annually - 2018

## IV. NYSED Initiatives Alignment

4. Please select the professional development that will be offered to teachers of Students with Disabilities that will enable them to differentiate learning and to increase their student language and content learning with the use of technology. Check all that apply.

- |   |   |
|---|---|
| <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 type="checkbox"/> Multiple ways of assessing student learning through technology   |
| <input 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 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 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)  |

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)

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

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- 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 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 type="checkbox"/> Helping students connect with the world                                    |
| <input type="checkbox"/> Reading strategies for English Language Learners                                   | <input checked="" 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 |   |

- 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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## 2018-2021 Instructional Technology Plan - Annually - 2018

## V. Administrative Management Plan

## Section V - Administrative Management Plan

## 1. Staff Plan

	Full-time Equivalent (FTE)
District Technology Leadership	2.00
Instructional support	1.00
Technical Support	6.00
<b>Totals:</b>	<b>9.00</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	900,000	Annual	<input checked="" type="checkbox"/> BOCES Co-Ser purchase <input checked="" type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input checked="" type="checkbox"/> E-Rate <input checked="" type="checkbox"/> Grants <input checked="" type="checkbox"/> Instructional Materials Aid <input checked="" 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
2	Instructional and Administrative Software	N/A	120,000	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 checked="" type="checkbox"/> Grants <input checked="" type="checkbox"/> Instructional Materials Aid <input checked="" type="checkbox"/> Instructional Resources Aid <input 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	100,000	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 checked="" type="checkbox"/> Grants <input checked="" type="checkbox"/> Instructional Materials Aid <input checked="" 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	Professional Development	N/A	200,000	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 checked="" type="checkbox"/> Grants <input checked="" type="checkbox"/> Instructional Materials Aid <input checked="" 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
<b>Totals:</b>			<b>1,320,000</b>			

## 2018-2021 Instructional Technology Plan - Annually - 2018

V. Administrative Management Plan

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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://ww2.jamestownpublicschools.org>

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

No

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.

Chief Information Officer

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 upload the policy.

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

JPS Policy 8271 Internet Safety.pdf

11. Does the district have a Cyberbullying Policy?

Yes, and I will upload the policy.

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

JPS Policy 7542 Cyberbullying.pdf

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

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

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

2014

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

<http://ww2.jamestownpublicschools.org/wp-content/uploads/2014/10/JPS-Parents-Bill-of-Rights-for-Data-Privacy-and-Security.pdf>

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V. Administrative Management Plan

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- 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.**

JPS Policy 5672 Information Security Breach.pdf

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

<http://ww2.jamestownpublicschools.org/wp-content/uploads/2016/05/Techplan-16-17-1-MASTER.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).

**2018-2021 Instructional Technology Plan - Annually - 2018****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.

	<b>Name of Contact person</b>	<b>Title</b>	<b>E-mail address</b>	<b>Innovative Programs. Check all that apply.</b>
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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VI - Sharing Innovative Educational Technology Programs

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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

## 2018-2021 Instructional Technology Plan - Annually - 2018

## 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 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

**2018-2021 Instructional Technology Plan - Annually - 2018**VI - Sharing Innovative Educational Technology Programs

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	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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