

2018-2021 Instructional Technology Plan Update - 2019 Optional Tech Plan Update**I. District LEA Information**

Section I - District LEA Information

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

Kevin Straub

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.

2018-2021 Instructional Technology Plan Update - 2019 Optional Tech Plan Update**II. Strategic Technology Planning****Section II - Strategic Technology Planning****1. What is the overall district mission?**

By instilling a sense of inquiry, adaptability, creativity and character, the ALCS community will prepare our students as lifelong learners and problem solvers.

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

The staff will work to create a classroom environment that is student led and utilizes technology. It is essential for our teachers to find ways to engage every student they teach. For the students who are advanced, we will work to challenge them. If DL courses or area college courses are available, we will find a way to fit it into their schedule. For the students that struggle, we will work to utilize the software we have or need to purchase in order to engage them and help them be successful. Our goal is to engage every student in learning and prepare them for the next step after high school and instill in them the desire to be lifelong learners. If we are able to capture every student by utilizing their strengths and using their interests to keep them engaged, we believe we will have the opportunity of achieving success.

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

	List Goals
Goal 1	<p>We will provide professional development for new technology and software to ensure our faculty is prepared to create and sustain adaptable and state of the art learning environments aligned to ISTE standards.</p> <ul style="list-style-type: none"> • MakerSpace • STEM Kits • Office 365 • Frontline RTI • Media and Digital Resources • Snap (brain pop, reading eggs, cuethink, etc...) • Cleartouch interactive boards
Goal 2	<p>The safety and security of our students and staff is our first priority. We will utilize technologies in conjunction with the redesign of facilities to safeguard our campuses and buses and create efficiencies. Technologies will be used in an effort to engage families and members of the ALCS community.</p> <ul style="list-style-type: none"> • Safety (eg. transportation cameras and surveillance cameras) • Announcements (eg. digital signage, School Messenger, video recordings and webpage) • portable wifi on busses and portable hotspots
Goal 3	<p>Provide students with instructional experiences aligned with the ISTE standards to help support our students by equipping them to be 21st century learners.</p> <ul style="list-style-type: none"> • IT Curriculum • Castle Learning • Library • Software • WiFi • Hardware (eg. laptops, multi-media carts, infinities and ipads) • Moodle • Microsoft Office 365 • Computer Programming/Coding • Project Lead the Way (Principal of Engineering, Design & Draw, Digital Electronics, Design & Draw for Production) • i-Ready • Bee Bots • Apps • Music • Tricaster for Video Editing and Morning Announcements • Digital Microscopes • Lego EV3 Mindstorm • Virtual Reality – Oculus Rift

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	List Goals
	<ul style="list-style-type: none"> • Vex Kits • Coding • Dash and Dot kits • SNAP (CueThinking, Tig Tag Jr, Reading Eggs)

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.

- 11/29/17 - Attended: Kevin Straub (Director Technology), Terry Jones (Computer Teacher), Amber Cheladyn, Rosemarie Grainer (Librarians), Suzan Snyder, Dan Waugaman, Mike Conroy, Brian Rohrabacher, Mike Smith (Teachers), Heather Hunt (Secretary). Discussion on Surface Pros in classrooms, Digital Microscopes in the classrooms with the Science Department. Tech Members shared what was being done to promote technology in the classrooms - VEX Robotics, Project Lead the Way, Lego League, Coding, Tech Club, discussion on possible MakerSpace..
- 1/25/18 - Attended: Kevin Straub (Director Technology), Terry Jones, Denise Goodman (Computer Teachers), Amber Cheladyn (Librarian), Dan Waugaman, Kim Voegelin, Brian Rohrabacher (Teachers), Kim Moore (Principal), Matt Kahm (Board of Education), Shannon Gustafson, Nicole Conroy (Parents), David Chambers, Jeff Wright, Lori DeGroff (IT Techs), Heather Hunt (Secretary). Discussion on Website Formats looked at different formats to update our current website. Discussed Wireless Projectors, Cleartouch Boards, Smart Boards in classrooms for piloting next school year.
- 2/27/18 - Attended: Kevin Straub (Director Technology), Terry Jones (Computer Teacher), Rosemarie Grainer (Librarian), Dan Waugaman, Kim Voegelin, Brian Rohrabacher (Teachers), Cory Pecorella (Principal), Shannon Gustafson, Nicole Conroy (Parents), Lori DeGroff (IT Techs), Heather Hunt (Secretary). Discussed final pick for website update (Energize Format), Cleartouch and Smartboard coming in at Staff Dev. Day for presentations to staff and taking survey after to see what unit they prefer. Updates needed on soundsystem at elementary, HotSpots were purchased for places where there is no internet. Surface Pros in the classroom and possibly taking away desktops for teachers and replacing with the surface pros.
- 5/10/18 – Attended: Kevin Straub (Director Technology), Heather Hunt (Secretary), Jeff Wright (IT Tech), Rosemarie Grainer (Teacher), Brian Rohrabacher (Teacher). We looked at the rest of questions on the technology plan to answer them prior to submitting our plan to the state. Discussing our action plans and initiatives.
- 9/26/18 – Attended: Kevin Straub (Director Technology), Heather Hunt (Secretary), Lori DeGroff (IT Tech), Kim Moore (Principal), Mike Conroy (Teacher), Paige Kinnaird (Director Instruction), Brian Rohrabacher (Teacher), Dan Waugaman (Teacher), Shannon Gustafson (Parent), Nicole Conroy (Parent) Previewed the new district website on what the new template will look like and discussed the likes and dislikes of what it will look like. We discussed having a school district app and what other districts already have one. We looked at a couple samples of what other apps look like.
- 3/4/19 – Attended: Kevin Straub (Director Technology), Mike Conroy (Teacher), Brandon Watkins (Student), Heather Hunt (Secretary), Cory Pecorella (Principal), Denise Goodman (Teacher), Dan Waugaman (Teacher), Corinne Quinn (Teacher), Terry Jones (Teacher), Nicole Conroy (Parent), Shannon Gustafson (Parent), Paige Kinnaird (Director Instruction), Lori DeGroff (IT Tech). Mindy Gigatelli from Erie 1 BOCES was on a phone conference with Tech Committee discussing changes for the website before it went live for the district.

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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.

In order to foster the successful implementation of the instructional technology vision, high-quality, targeted professional development must be provided for all staff including classroom teachers and support staff.

Professional development provided during the 2017-2018 school year that directly relate to the instructional technology vision include:

- Introduction to SNAP services offered through CA BOCES
- Introduction to Discovery Education
- Introduction to Learn 360
- Castle Learning Refresher
- Cue Think Training
- Tig Tag Jr. Training
- Reading Eggs Training
- Teacher Website Refresher
- Grade Level Data Team Trainings
- Student Engagement Strategies
- Tier I Instructional Practices
- Power Teaching and Classroom Management
- Smart Panel Technology Introduction
- Clear Touch Technology Introduction

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 instructional technology goals will be evaluated by the technology committee quarterly (November, February and June) at the technology committee meeting. The committee will make suggestions on updates to goals, technology purchases, changes in technology integration and instruction in the classrooms, and recommend technology purchases. The committee will recommend changes to the technology plan and purchases to move the district toward updated goals and visions. The committee may also react to new technology and make course corrections to the plan. Administrators will evaluate the technology plan at least each year. Principals, superintendent, business official and coordinators will evaluate the plan in conjunction with the technology purchase plan for the next school year. Administrators will make course corrections to direct training or resources to meet the unmet goals. Each school will administer a technology survey annually to get feedback from the faculty and staff on the effectiveness of implementing that year's technology goals. The survey will also be used to determine additional staff technology needs in both training and hardware. Results of the survey will help shape the training plans for future staff professional development days. Data will be provided to the Technology Coordinator for analysis. We will evaluate the impact our technology plan implementation has on student performance by end of year surveys, professional development logs and reflections from staff, structured feedback from students (through a survey, elementary computer instruction program, middle school computer instruction coursework, and high school student council survey).

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

We will provide professional development for new technology and software to ensure our faculty is prepared to create and sustain adaptable and state of the art learning environments aligned to ISTE standards.

- MakerSpace
- STEM Kits
- Office 365
- Frontline RTI
- Media and Digital Resources
- Snap (brain pop, reading eggs, cuethink, etc...)
- Cleartouch interactive boards

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). Check all that apply.

- | | |
|--|--|
| <input checked="" type="checkbox"/> All students | <input checked="" type="checkbox"/> Migrant students |
| <input checked="" type="checkbox"/> Pre-K-2 | <input checked="" type="checkbox"/> Homeless students |
| <input checked="" type="checkbox"/> Grades 3-5/6 | <input checked="" type="checkbox"/> Economically disadvantaged students |
| <input checked="" type="checkbox"/> Middle School | <input checked="" type="checkbox"/> Students between the ages of 18-21 |
| <input checked="" 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 #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	Implementation	Collaboration with CA BOCES and Erie 1 BOCES to receive one on one tech support for our teachers. The technicians will be in our district monthly to meet with our teachers one on one or	Curriculum and Instr	N/A	June (06)	2021	\$23,000

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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
		in the classroom to provide individualized training on new softwares and technology devices that have been purchased. Schedules will be set up between our two buildings.	Instructional Leader				
Action Step 2	Professional Development	The District will be purchasing Frontline RTI. There will be a training set up at the beginning of school year for our interventionists to be trained on our new Frontline RTI program and follow up support will be given through out the school year.	Curriculum and Instruction Leader	N/A	June (06)	2021	\$5,100
Action Step 3	Planning	We will be working with CA BOCES on a creation of a MakerSpace in both the elementary and middle-high school buildings. We will be attending trainings, visiting other districts MakerSpaces and collaborating with them to help with the design and implementation. We will also be training our teachers that will be working directly with the MakerSpace. We will be purchasing all the materials needed for this.	Director of Technology	N/A	June (06)	2021	\$7517
Action Step 4	Professional Development	Science Kits have been replaced with Advancing STEM Curriculum Kits at CA BOCES. Teachers will be trained on these new kits so they can be utilized in their classrooms with students. The district has moved to Microsoft Office 365 and the teachers will be attending trainings to learn all of the features of this program. Trainings will be provided by CA BOCES/Erie 1 BOCES and support	Curriculum and Instruction Leader	N/A	June (06)	2021	\$9,000

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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
		will be given throughout the school year from the one on one technician that will be in monthly and as needed in our district.					

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	Purchasing	The district will purchase Cleartouch interactive boards/new projectors for teachers to utilize in their classrooms and will be working with the company to set up trainings for staff on how to use them.	Director of Technology	(No Response)	June (06)	2021	\$67,950
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 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 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

The safety and security of our students and staff is our first priority. We will utilize technologies in conjunction with the redesign of facilities to safeguard our campuses and buses and create efficiencies. Technologies will be used in an effort to engage families and members of the ALCS community.

- Safety (eg. transportation cameras and surveillance cameras)
- Announcements (eg. digital signage, School Messenger, video recordings and webpage)
- portable wifi on busses and portable hotspots

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 checked="" type="checkbox"/> Migrant students |
| <input checked="" type="checkbox"/> Pre-K-2 | <input checked="" type="checkbox"/> Homeless students |
| <input checked="" type="checkbox"/> Grades 3-5/6 | <input checked="" type="checkbox"/> Economically disadvantaged students |
| <input checked="" type="checkbox"/> Middle School | <input checked="" type="checkbox"/> Students between the ages of 18-21 |
| <input checked="" 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	Collaboration	Meeting with Emergency Response Team to discuss added technologies to improve safety features at the school.	Director of Technology	N/A	June (06)	2021	\$0
Action Step 2	Collaboration	Meeting with different business/organizations to address the different needs for improving school safety and security.	Director of Tec	N/A	June (06)	2021	\$0

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III. Action Plan - Goal 2

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated cost
			Technology				
Action Step 3	Budgeting	Meeting with BOCES to discuss projects and incorporating them into our budget	Director of Technology	N/A	June (06)	2021	\$0
Action Step 4	N/A	N/A	N/A	N/A	June (06)	2021	\$0

5. This question is optional.

If more action steps are needed, continue to list the action steps that correspond to Goal #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)

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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
	ponse)		ponse)	e)	ponse)	ponse)	e)
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 Update - 2019 Optional Tech Plan Update**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

Provide students with instructional experiences aligned with the ISTE standards to help support our students by equipping them to be 21st century learners.

- IT Curriculum
- Castle Learning
- Library
- WiFi
- Hardware (eg. laptops, multi-media carts, onfinities and ipads)
- Moodle
- Microsoft Office 365
- Computer Programming/Coding
- Project Lead the Way (Principal of Engineering, Design & Draw, Digital Electronics, Design & Draw for Production)
- i-Ready
- Bee Bots
- Apps
- Music
- Tricaster for Video Editing and Morning Announcements
- Digital Microscopes
- Lego EV3 Mindstorm
- Virtual Reality – Oculus Rift
- Vex Kits
- Coding
- Dash and Dot kits

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 | <input checked="" type="checkbox"/> Migrant students |
| <input checked="" type="checkbox"/> Pre-K-2 | <input checked="" type="checkbox"/> Homeless students |
| <input checked="" type="checkbox"/> Grades 3-5/6 | <input checked="" type="checkbox"/> Economically disadvantaged students |
| <input checked="" type="checkbox"/> Middle School | <input type="checkbox"/> Students between the ages of 18-21 |
| <input checked="" type="checkbox"/> High School | <input 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 #3 from your answer to Question 1, above.

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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
Action Step 1	Professional Development	Training of teachers at professional development days with all of these new technologies to successfully incorporate them into their curriculum so that students can be using them.	Curriculum and Instruction Leader	N/A	June (06)	2020	\$9,000
Action Step 2	Learning Spaces	Work on setting up a Maker Space day or technology day for students. Students will be able to sign up for trainings on technology available so they can learn how they work.	Director of Technology	N/A	June (06)	2021	\$7520
Action Step 3	Purchasing	The district will purchase laptops for students/teachers to utilize at school and at home.	Director of Technology	N/A	June (06)	2021	\$362,364
Action Step 4	N/A	N/A	N/A	N/A	June (06)	2021	\$0

5. This question is optional.

If more action steps are needed, continue to list the action steps that correspond to Goal #3 from your answer to Question 1, above.

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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
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 Update - 2019 Optional Tech Plan Update**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.**

Due to our one to one initiative system and use of Microsoft Office 365 teachers and students will have greater communication and ability to share information. We provide opportunities for student research and communication. We use Project Lead The Way with some of our students. Use APEX (Internet based software) to aid in credit recovery and credit bearing courses to help provide alternatives for struggling students. Computer and technology teachers work closely with subject area teachers to integrate technology into all curriculum work. Using interactive Internet-Based software for credit recovery, core curricula, dropout prevention, alternative instruction, summer school, special education and response to intervention.

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.**

We work closely with the special ed director and special education teachers to make sure we are following each students IEP and providing them with the most up to date software and instructional technology we have available. When there is a need for a different program, software or instructional device, we check our inventory to insure we are not duplicating and precede to order what is needed to meet the needs of the student. We have apps (ex: speech to text), Ipad, touch screen laptops, mice, stylus pens, FM system (system within the classroom that the teacher uses in class to amplify their voice), Personal Auditory System (child wears the headset and listens to the teacher through this), spelling devices, electronic textbooks that can be read to our students.

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

- ☒ Class lesson plans, materials, and assignment instructions are available to students and families for 'anytime, anywhere' access (such as through class website or learning management system).
- ☐ Direct instruction is recorded and provided for students to access asynchronously (such as through a learning management system or private online video channel).
- ☒ Technology is used to provide additional ways to access key content, such as providing videos or other visuals to supplement verbal or written instruction or content.
- ☐ Text to speech and/or speech to text software is utilized to provide increased support for comprehension of written or verbal language.
- ☒ Assistive technology is utilized.
- ☒ Technology is used to increase options for students to demonstrate knowledge and skill.
- ☒ Learning games and other interactive software are used to supplement instruction.
- ☐ Other (please identify in Question 3a, below)

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

- | | |
|---|--|
| <input type="checkbox"/> Technology to support writers in the elementary classroom | <input 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 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 checked="" 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 type="checkbox"/> Using technology to differentiate instruction in the special education classroom | <input type="checkbox"/> Other (please identify in Question 4a, below) |

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IV. NYSED Initiatives Alignment

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

- ☒ Class lesson plans, materials, and assignment instructions are available to students and families for 'anytime, anywhere' access (such as through class website or learning management system)
- ☐ Direct instruction is recorded and provided for students to access asynchronously (such as through a learning management system or private online video channel).
- ☒ Technology is used to provide additional ways to access key content, such as providing videos or other visuals to supplement verbal or written instruction or content.
- ☒ Text to speech and/or speech to text software is utilized to provide increased support for comprehension of written or verbal language.
- ☐ Home language dictionaries and translation programs are provided through technology.
- ☒ Hardware that supports ELL/MLL student learning, such as home-language keyboards, translation pens, and/or interactive whiteboards, is utilized.
- ☐ Technology is used to increase options for students to demonstrate knowledge and skill, such as through the creation of a product or recording of an oral response.
- ☒ Learning games and other interactive software are used to supplement instruction.
- ☐ Other (please identify, in Question 5a, below)

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

Yes

6a. If Yes, check one.

In the 5 most spoken languages in the district

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

(No Response)

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

- | | |
|--|--|
| <input type="checkbox"/> Technology to support writers in the elementary classroom | <input checked="" type="checkbox"/> Multiple ways of assessing student learning through technology |
| <input type="checkbox"/> Technology to support writers in the Secondary classroom | <input type="checkbox"/> Electronic communication and collaboration |
| <input type="checkbox"/> Research, writing and technology in a digital word | <input type="checkbox"/> Promotion and model digital citizenship and responsibility |
| <input checked="" type="checkbox"/> Writing and technology workshop for teachers | <input type="checkbox"/> Integrating technology and curriculum across core content areas |
| <input type="checkbox"/> Enhancing Children's Vocabulary Development with technology | <input checked="" 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 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 checked="" type="checkbox"/> The power of technology to support language acquisition | <input type="checkbox"/> Other (please identify in Question 7a, below) |
| <input 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**

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

- ☒ The district uses instructional technology to strengthen relationships and connections with families to assist in building a culturally responsive learning environment to enhance student learning.
- ☒ The district uses instructional technology to facilitate classroom projects that involve the community.
- ☐ The district uses instructional technology to develop and organize coherent and relevant units, lessons, and learning tasks that build upon students' cultural backgrounds and experiences.
- ☒ The district uses instructional technology to assist in varying teaching approaches to accommodate diverse learning styles and language proficiencies.
- ☒ The district uses instructional technology to enable students to communicate and collaborate with students in different schools or districts in New York State, the United States, or with different countries.
- ☒ The district uses instructional technology to facilitate collaborative classroom projects among heterogeneous student groups.
- ☐ The district does not use instructional technology to facilitate culturally responsive instruction.
- ☐ Other (please identify in Question 8a, below)

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

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V. Administrative Management Plan

Section V - Administrative Management Plan

1. Staff Plan

	Full-time Equivalent (FTE)
District Technology Leadership	0.50
Instructional support	1.00
Technical Support	1.00
Totals:	2.50

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	Instructional and Administrative Software	N/A	23,000	Annual	<input type="checkbox"/> BOCES Co-Ser purchase <input checked="" type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input type="checkbox"/> Grants <input type="checkbox"/> Instructional Materials Aid <input type="checkbox"/> Instructional Resources Aid <input type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other (please identify in next column, to the right) <input type="checkbox"/> N/A	N/A
2	Professional Development	N/A	38,137	Annual	<input type="checkbox"/> BOCES Co-Ser purchase <input checked="" type="checkbox"/> District Operating Budget <input type="checkbox"/> District Public Bond <input type="checkbox"/> E-Rate <input checked="" 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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V. Administrative Management Plan

	Anticipated Item or Service. Select one per row.	If you chose 'Other' Anticipated Item or Service in the column to the left, please identify here. Otherwise, please write "N/A."	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source. May check more than one source per item.	If you chose 'Other' Potential Funding Source in the column to the left, please identify here. Otherwise, please write "N/A."
					Bond Act <input type="checkbox"/> Other (please identify in next column, to the right) <input type="checkbox"/> N/A	
3	Peripheral Devices	N/A	67,950	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
4	End User Computing Devices	N/A	362,364	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
Totals:			491,451			

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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?**

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

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

The district has a public website.

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

<http://www.alcsny.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

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.**

Records 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 provide the URL to the policy.

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

<http://www.alcsny.org/Page/1071>

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.alcsny.org/Page/1071>

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

<http://www.alcsny.org/Page/2728>

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

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

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

<http://www.alcsny.org/Page/1071>

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

<http://www.alcsny.org/cms/lib/NY01001789/Centricity/Domain/42/Tech%20Plan%202015-2018%20%20FINAL%209.2017.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.

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

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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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