2018-2021 Instructional Technology Plan - 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?

Richard Zwycewicz

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

Director of Technology

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

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Section II - Strategic Technology Planning

1. What is the overall district mission?

Our Mission is for East Islip to be a District of Excellence and to educate students with the skills and knowledge to become exceponal learners and leaders. We will provide a safe and posive learning environment in partnership with our greater community.

1. Priority No. 1:
2. Priority No. 2:
3. Priority No. 3:
4. Priority No. 4:
5. Priority No. 5:

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

Vision

Information technologies will continue to impact teaching, learning, and management. This plan and its proposed initiatives recognize that such a transformation will not be accomplished by focusing exclusively on bringing the technology into existing administrative and instructional practices, or by merely automating existing procedures. Re-conceptualizing teaching, learning, and management activities will be accomplished simultaneously with the implementation of information technology systems. In order to obtain the maximum benefit from new and emerging technologies, we must first envision the type of schools and classrooms we want and need. Students, teachers,

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

Yes

4a. List Goal #4

Continue to strengthen, reinforce and expand the network infrastructure to support on-demand access to information. Hardware, software, network connectivity, and cybersecurity protections must support the needs of our students, faculty and staff and include increased mobility through wireless connectivity on an array of devices. The network infrastructure is the foundation of all technology services and solutions, including wired and wireless networks, servers, and storage.

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

No

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6. Summarize the planning process used to develop answers to the Instructional Technology Plan questions and/or your district comprehensive instructional technology plan. Please include the stakeholder groups participating and the outcomes of the instructional technology plan development meetings.

Our instructional technology plan was developed by the District Technology Committee which continues to meet throughout the year and will continue to review the current plan to meet the needs of our district. Members of the committee meet with individual building School Improvement Teams in order to ascertain the views and ideas of the faculty, staff, and students. The committee reviewed past surveys and recommendations from the Professional Development Committee.

The District Technology Committee met on the follow dates:

•October 24, 2017
•December 12, 2017
•February 27, 2018
•April 24, 2018
The members of the 2017-18 District Technology Committee were:

•Ash, Melanie – Elementary Library Media Specialist
•Behan, Steven -- Board of Education
•Bernard, Mark -- Middle School Principal
•Bromberg, Hillary -- Elementary Principal
•Connell, James -- High School Teacher
•Dolan, John – Superintendent
•Flaumenhaft, Danielle -- Elementary Principal
•Ferlin, Lauren – High School Science Teacher
•Gulinello, Deb -- High School Computer Lab Assistant
•Hennessy, Carol Ann -- Middle School Teacher
•Kuehne, Jillian – Elementary Special Education Teacher
•Love, Melissa – Elementary (K-2) Teacher
•Marshall, Donna – Elementary (3-5) Teacher
•Neske, Chris – High School Music Teacher
•Orlando, Jerry -- Elementary (3-5) Teacher
•Schildwachter, Amy – Technology Integration Specialist (BOCES)
•Smith, Deborah -- Elementary Principal
•Veit, Casey -- Library Media Specialist
•Wottawa, Robert – District Art, Music, ENL, & World Languages Director
•Zwycewicz, Richard -- Executive Director
Agenda Items Included:

•2014-2017 Plan Cycle Completed
•2018-2021 District Instructional Technology Plan
•Specific Goals
•Framework & Guidance
•Grade-level Expectation
•Black board websites
•Committee Input (and/or SIT Reports)
•Computer Science Framework
•Printer Supply Ordering/Distribution
•Smart board Training Agendas and Schedules
•Smart Schools Bond Status Update
•Status of Current Projects
•Technology Budget 2018-19
•Technology Committee Purpose Review
•Technology Integration Specialist Updates

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Section III - Action Plan

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

1. Goal #1

To create a variety of learning environments and opportunities in classrooms, library media centers and labs, using the full array of available technologies that are becoming increasingly portable, mobile and globally connected.

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

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

3. Target Student Population(s). Check all that apply.

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

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

	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated cost
Action Step 1	Planning	Demonstrate that devices provide an effective and efficient learning tool for the intended use.	Other (please identify in next column, to the right)	Technology Committee	Oct. (10)	2018	0

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

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	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
	nications		of Technology				
Action Step 3	Curriculum	Pilot Skype in the classroom along with Microsoft Classroom.	Instructional Technology Coach	N/A	Jan. (01)	2019	0
Action Step 4	Curriculum	Pilot online scheduling	Curriculum and Instruction Leader	N/A	Jan. (01)	2019	0

5. **This question is optional.**

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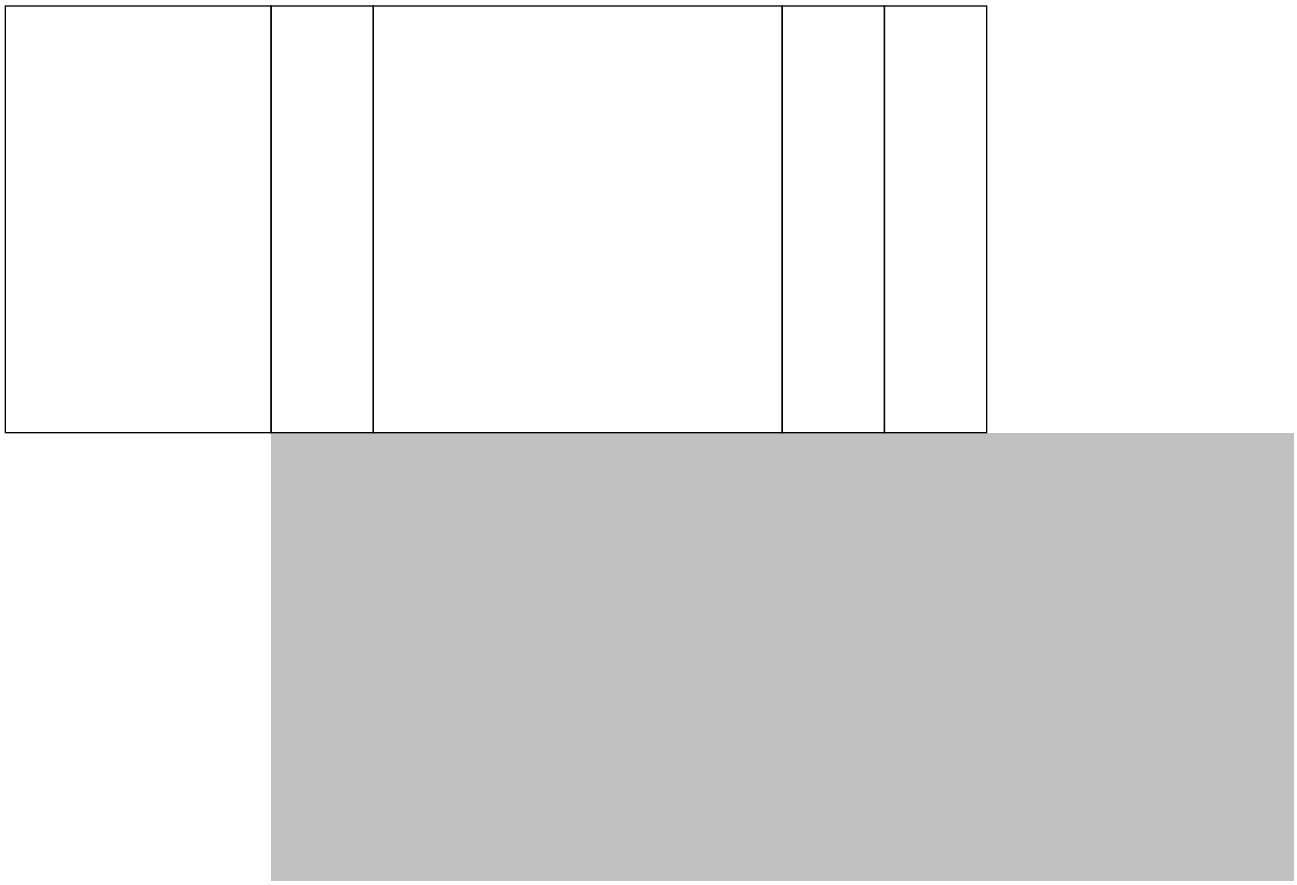

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Section III - Action Plan

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

1. Goal #3

To provide students with the skills they need to use technological resources beyond the school day in an educationally sound and safe manner

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)

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

4.

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	Action Step - Select one category.	Action Step - Description	Responsible Stakeholder. Select one.	If you selected 'Other' Responsible Stakeholder in the column to the left, please identify here. Otherwise, please write "N/A."	Anticipated month of completion	Anticipated year of completion	Anticipated Cost
	ment		ogy Coach				
Action Step 3	Curriculum	Create a comprehensive catalog of all software and subscriptions available by curriculum area with descriptions and access information.	Curriculum and Instruction Leader	N/A	June (06)	2019	N/A
Action Step 4	Research	Continue to explore and utilize web-based applications which reduce the need for on-site c70 0 1 218 288 Tm 01 00 gs g lce th 1 218 378 Tm 0 0 0 rg (h)Tj 0 g ET q Q Bze ed88 T1 2 up					

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Section III - Action Plan

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

1. Goal #4

Continue to strengthen, reinforce and expand the network infrastructure to support on-demand access to information. Hardware, software, network connectivity, and cybersecurity protections must support the needs of our students, faculty and staff and include increased mobility through wireless connectivity on an array of devices. The network infrastructure is the foundation of all technology services and solutions, including wired and wireless networks, servers, and storage

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

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

3. Target Student Population(s)

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

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	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
	Research	virtualization software which would allow a computer or run multiple operation systems thus reduction hardware costs and consolidating processes.	Director of Technology		(06)		
Action Step 3	Implementation	Upgrade centralized network and storage for flexibility and redundancy.	Director of Technology	N/A	July (07)	2019	28000
Action Step 4	Infrastructure	Upgrade the climate and security control measures for the Main Distribution Frame.	Director of Technology	N/A	July (07)	2019	14000

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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.

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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)

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Section V - Administrative Management Plan

1. Staff Plan

	Full-time Equivalent (FTE)
District Technology Leadership	1.00
Instructional support	0.80
Technical Support	4.00
Totals:	**5.80**

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	400,000	Annual	☐ BOCES Co-Ser purchase ☑ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants ☐ Instructional Materials Aid ☐ Instructional Resources Aid ☑ Smart Schools Bond Act ☐ Other (please identify in next column, to the right) ☐ N/A	N/A
2	Instructional and Administrative Software	N/A	105,000	Annual	☐ BOCES Co-Ser purchase ☑ District Operating Budget ☐ District Public Bond ☐ E-Rate ☐ Grants	N/A

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	Anticipated Item or Service. Select one per row.	If you chose 'Other' Anticipated Item or Service in the column to the left, please identify here. Otherwise, please write "N/A."	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source. May check more than one source per item.	If you chose 'Other' Potential Funding Source in the column to the left, please identify here. Otherwise, please write "N/A."
					☐ Instructional Materials Aid ☐ Instructional Resources Aid ☐ Smart Schools Bond Act ☐	

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	Anticipated Item or Service. Select one per row.	If you chose 'Other' Anticipated Item or Service in the column to the left, please identify here. Otherwise, please write "N/A."	Estimated Cost	Is Cost One-time, Annual, or Both?	Potential Funding Source. May check more than one source per item.	If you chose 'Other' Potential Funding Source in the column to the left, please identify here. Otherwise, please write "N/A."
					☑ E-Rate ☐ Grants ☐ Instructional Materials Aid ☐ Instructional Resources Aid ☑ Smart Schools Bond Act ☐ Other (please identify in next column, to the right) ☐ N/A	
Totals:			**630,000**			

3. Has the school district provided for the loan of instructional computer hardware to students legally attending nonpublic schools pursuant to Education Law, section 754?

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.

www.eischools.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.

Executive Director for Student Achievement & Instructional 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.

Executive Director for Student Achievement & Instructional Technology

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

No

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

Yes

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

Yes

10. Does the district have an Internet Safety Policy?

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

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

https://www.boarddocs.com/ny/eisd/Board.nsf/Public#

11. Does the district have a Cyberbullying Policy?

No. The district does not have such a policy.

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

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

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

2014

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

http://www.eischools.org/Assets/Parents_Bill_of_Rights/Parents_Bill_of_Rights_for_Data_Privacy_and_Security.pdf

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.

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

https://www.boarddocs.com/ny/eisd/Board.nsf/Public#

Book

East Islip School District School Board Policies

Section

Policy Nos. 8000-8910

Title

Information Security Breach and Notification

Number

8635

Status

Active

Adopted

September 14, 2017

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

http://www.eischools.org/Assets/District_Links/Technology_Plan.pdf

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Sharing Innovative Educational Technology Programs

1. Please choose one or more topics that reflect an innovative educational technology program that has been implemented for at least two years at a building or district level. Use 'Other' to share a category that is not on the list.

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

2. Provide the name, title, and e-mail of the person to be contacted in order to obtain more information about the innovative program(s) at your district.

	Name of Contact person	Title	E-mail address	Innovative Programs. Check all that apply.
Please complete all columns.	(No Response)	(No Response)	(No Response)	☐ Active Learning Spaces/Makerspaces ☐ Culturally Responsive Instruction with Technology ☐ Device Planning and Implementation (1:1, BYOD) ☐ Digital Citizenship ☐ Infrastructure ☐ OER and Digital Curriculum ☐ Personalized Learning ☐ Pilots and Proof of Concept ☐ Policy, Planning, andTf 0 0 0 rg (Pilo

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	Name of Contact person	Title	E-mail address	Innovative Programs. Check all that apply.
				☐ Project-based Learning ☐ Other Topic A ☐ Other Topic B ☐ Other Topic C

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

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

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

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	Name of Contact person	Title	E-mail address	Innovative Programs. Check all that apply for each contact name.
				☐ OER and Digital Curriculum ☐ Personalized Learning ☐ Pilots and Proof of Concept ☐ Policy, Planning, and Leadership ☐ Privacy and Security ☐ Professional Learning ☐ Project-based Learning ☐ Other Topic A ☐ Other Topic B ☐ Other Topic C

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