

## Instructional Technology Plan - Annually - 2016

LEA Information

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**A. LEA Information**

## 1. 2014-2015 Student Enrollment

	Total Enrollment	Pre-K Enrollment	K-2 Enrollment	3-5 Enrollment	6-8 Enrollment	9-12 Enrollment	Ungraded Enrollment
Student Enrollment	2,857	144	586	582	576	928	41

2. **What is the name of the district administrator entering the technology plan survey data?**

Jeremy Feder

3. **What is the title of the district administrator entering the technology plan survey data?**

Assistant Superintendent

**Instructional Technology Plan - Annually - 2016**Instructional Technology Vision and Goals

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**B. Instructional Technology Vision and Goals****1. Please provide the district mission statement.**

The mission of the Lawrence Public Schools, a unifying force at the heart of a cultural mosaic, is to ensure all learners reach their highest potential, through an academically rigorous educational system that inspires life-long learning; focuses on creative student-centered teaching and learning; and enables all to possess the confidence and abilities to meet life's challenges.

**2. Please provide the executive summary of the instructional technology plan, including vision and goals.**

Advance technology to the growing needs of current and future endeavors for faculty, students and staff.

**3. Please summarize the planning process used to develop the instructional technology plan. Please include the stakeholder groups participating and outcomes of the instructional technology plan development meetings.**

Technology planning is in consultation with central office, administrators, board of education, legal counsel, parents, students, special educators, technology personnel, technology consultants, teachers and otehr districts.

**4. Please provide the source(s) of any gap between the current level of technology and the district's stated vision and goals.**

- Access Points
- Cabling
- Connectivity
- Device Gap
- Network
- Professional Development
- Staffing
- Other
- No Gap Present

**5. Based upon your answer to question four, what are the top three reasons causing the gap? If you chose "No Gap Present" in question four, please enter N/A.**

The ditrict is constantly upgrading and improving. Technology is advancing at a rapid rate and the district is constantly moving forward with the advancement.

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Instructional Technology & Infrastructure Inventory

**C. Technology and Infrastructure Inventory**

1. Please identify the capacity of the telecommunications line coming into the district network hub. The district's Regional Information Center can provide the district with this information if needed.

- Greater than 10 Gbps
- 10 Gbps
- 1 Gbps - < 10 Gbps
- 100 Mbps - < 1Gbps
- 50 Mbps - < 100 Mbps
- 10 Mbps - < 50 Mbps
- Less than 10 Mbps

2. What is the total contracted Internet bandwidth access for the district? Choose one.

- Greater than 10 Gbps
- 10 Gbps
- 1 Gbps - < 10 Gbps
- 100 Mbps - < 1 Gbps
- 50 Mbps - < 100 Mbps
- 10 Mbps - < 50 Mbps
- Less than 10 Mbps

3. What is the name of the agency or vendor from which the district purchases its primary Internet access bandwidth service?

Lightpath

4. Please identify the capacity of the telecommunications line coming into the district's school building(s) from the district hub or district data center. The district's Regional Information Center can provide this information if needed

	Speed in Gbps or Mbps
Minimum Capacity	<ul style="list-style-type: none"> <li><input type="checkbox"/> Greater than 10 Gbps</li> <li><input type="checkbox"/> 10 Gbps</li> <li><input type="checkbox"/> 1 Gbps - &lt; 10Gbps</li> <li><input checked="" type="checkbox"/> 100 Mbps- &lt; 1 Gbps</li> <li><input type="checkbox"/> 50 Mbps - &lt; 100 Mbps</li> <li><input type="checkbox"/> 10 Mbps - &lt; 50 Mbps</li> <li><input type="checkbox"/> Less than 10 Mbps</li> </ul>
Maximum Capacity	<ul style="list-style-type: none"> <li><input type="checkbox"/> Greater than 10 Gbps</li> <li><input type="checkbox"/> 10 Gbps</li> <li><input type="checkbox"/> 1 Gbps - &lt; 10Gbps</li> <li><input checked="" type="checkbox"/> 100 Mbps- &lt; 1 Gbps</li> <li><input type="checkbox"/> 50 Mbps - &lt; 100 Mbps</li> <li><input type="checkbox"/> 10 Mbps - &lt; 50 Mbps</li> <li><input type="checkbox"/> Less than 10 Mbps</li> </ul>

5. Please identify the minimum and maximum circuit speeds at which the classrooms in the district are connected to the school building wiring/network closet.

	Please provide the speed at which classrooms are connected to building wiring/network closet.
Minimum Circuit Speed Within a School Building	<ul style="list-style-type: none"> <li><input type="checkbox"/> Greater than 10 Gbps</li> <li><input type="checkbox"/> 10 Gbps</li> <li><input type="checkbox"/> 1 Gbps - &lt; 10Gbps</li> </ul>

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Instructional Technology & Infrastructure Inventory

	Please provide the speed at which classrooms are connected to building wiring/network closet.
	<input checked="" type="checkbox"/> 100 Mbps- < 1 Gbps <input type="checkbox"/> 50 Mbps - < 100 Mbps <input type="checkbox"/> 10 Mbps - < 50 Mbps <input type="checkbox"/> Less than 10 Mbps
Maximum Circuit Speed Within a School Building	<input type="checkbox"/> Greater than 10 Gbps <input type="checkbox"/> 10 Gbps <input type="checkbox"/> 1 Gbps - < 10Gbps <input checked="" type="checkbox"/> 100 Mbps- < 1 Gbps <input type="checkbox"/> 50 Mbps - < 100 Mbps <input type="checkbox"/> 10 Mbps - < 50 Mbps <input type="checkbox"/> Less than 10 Mbps

6. What are the minimum and the maximum port speeds of the switches that are less than five years old in use in the district?

	Port speed of switches	Mbps or Gbps
Minimum Capacity of Switches	100	<input checked="" type="checkbox"/> Mbps <input type="checkbox"/> Gbps
Maximum Capacity of Switches	1	<input type="checkbox"/> Mbps <input checked="" type="checkbox"/> Gbps

7. What percentage of the district's wireless protocols are less than 802.11g?

0

8. Do you have wireless access points in use in the district?

- Yes
- No

8a. What percentage of your district's instructional space has wireless coverage?

95

9. Does the district use a wireless controller?

Yes

10. How many computing devices less than five years old are in use in the district?

	Number of devices in use that are less than five years old	How many of these devices are connected to the LAN?
Desktop computers/Virtual Machine (VM)	50	50
Laptops/Virtual Machine (VM)	60	60
Chromebooks	350	350
Tablets less than nine (9) inches with access to an external keyboard	0	0
Tablets nine (9) inches or greater with access to an external keyboard	0	0
Tablets less than nine (9) inches without access to an external keyboard	350	350
Tablets nine (9) inches or greater without access to an external keyboard	0	0
<b>Totals:</b>	<b>810</b>	<b>810</b>

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Instructional Technology & Infrastructure Inventory

11. What percentage of students with disabilities in the school district, as of the submission date of this technology plan, have assistive technology documented on their Individual Education Plan (IEP)?

20

12. Please describe any additional assistance or resources that, if provided, would enhance the district's ability to improve access to technologies for students with disabilities.

Apps that are geared for special education students.

13. How many peripheral devices are in use in the district?

	Number of devices in use
Document Cameras	10
Flat Panel Displays	6
Interactive Projectors	150
Interactive Whiteboards	150
Multi-function Printers	30
Projectors	0
Scanners	50
Other Peripherals	8
<b>Totals:</b>	<b>404</b>

14. If a number was provided for "Other Peripherals" please specify the peripheral device(s) and quantities for each.

8 Cell phones

15. Does your district have an asset inventory tagging system for district-owned equipment?

Yes

16. Does the district allow students to Bring Your Own Device (BYOD)?

No

17. 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

18. What barriers may prevent the district from testing 100% of its grade 3-8 students and NYSAA students on computers by the year 2020?

- Insufficient number of devices meeting testing requirements
- Lack of reliable Internet service
- Insufficient broadband access
- Inadequate staffing levels
- Insufficient testing spaces
- District does not foresee any barriers
- Other

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Software and IT Support

**D. Software and IT Support**

1. What are the operating system(s) in use in the district?

	Is this system in use?
Mac OS Version 9 or earlier	Yes
Mac OS 10 or later	Yes
Windows XP	No
Windows 7.0	No
Windows 8.0 or greater	Yes
Apple iOS 7 or greater	No
Chrome OS	Yes
Android	Yes
Other	No

2. Please provide the name of the operating system if the response to question one included "Other."

(No Response)

3. What are the web browsers, **both** available **and** supported, for use in the district?

	Web Browsers available and supported for use
Internet Explorer 7	No
Internet Explorer 8	No
Internet Explorer 9 or greater	Yes
Mozilla Firefox	Yes
Google Chrome	Yes
Safari (Apple)	Yes
Other	No

4. Please provide the name of the web browser if the response to question three included "Other."

(No Response)

5. Please provide the name of the Learning Management System (LMS) most commonly used in the district. A Learning Management System (LMS) is a software application for the administration, documentation, tracking, reporting, and delivery of online and blended learning courses.

NA

6. Please provide the names of the five most commonly used software programs that support classroom instruction in the district.

BrainPop  
 ABC-CLIO  
 Capstone  
 Ebsco  
 Proquest

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Software and IT Support

7. Please provide the names of the five most frequently used research databases if applicable.

NA

8. Does the district have a Parent Portal?

Yes

8a. Check all that apply to the Parent Portal if the response to question eight is "Yes."

- Attendance
- Homework
- Student Schedules
- Grade Reporting
- Transcripts
- Other

8b. If 'Other' was selected in question eight (a), please specify the other feature(s).

(No Response)

9. What additional technology-based strategies and tools, besides the Parent Portal, are used to increase parent involvement?

- Learning Management System
- Emergency Broadcast System
- Website
- Facebook
- Twitter
- Other

10. Please list title and Full Time Equivalent (FTE) count (as of survey submission date) of all staff whose primary responsibility is providing technical support. Does not include instructional technology integration FTE time.

Title	Number of Current FTEs
Director of Technology	1.00
Tech Support	3.00
Information Technology Specialist	1.00
Audio/Visula Helper	1.00
	<b>6.00</b>

## Instructional Technology Plan - Annually - 2016

Curriculum and Instruction

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**E. Curriculum and Instruction**

1. **What are the district's plans to use digital connectivity and technology to improve teaching and learning?**

To increase the number of students using wireless devices and decrease the number of desktops.

2. **Does the district's instructional technology plan address the needs of students with disabilities to ensure equitable access to instruction, materials, and assessments?**

Yes

- 2a. **If "Yes", please provide detail.**

The special education students are at the forefront of the technology initiatives.

3. **Does the district's instructional technology plan address the provision of assistive technology specifically for students with disabilities to ensure access to and participation in the general curriculum?**

Yes

- 3a. **If "Yes", please provide detail.**

The special education students are leading the technology initiative.

4. **Does the district's instructional technology plan address the needs of English Language Learners to ensure equitable access to instruction, materials, and assessments?**

- Yes  
 No

- 4a. **Please provide details. If the district plans to apply for Smart School Bond Act funds for Classroom Learning Technology, the answer to this question must be aligned with the district's Smart Schools Investment Plan (SSIP).**

The district constantly evaluates the effect of technology on the ELL students and ensures that there are bilingual programs and apps.



**Instructional Technology Plan - Annually - 2016**

Professional Development

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**F. Professional Development**

- 1. Please provide a summary of professional development offered to teachers and staff, for the time period covered by this plan, to support technology to enhance teaching and learning. Please include topics, audience, and method of delivery within your summary.**

There is constant course being offered by the district. The summer is replete with courses including TECH FOR TEACHERS. Additionally, the district has technology personnel works with the teacher and also pushes into classrooms to assist the teacher.

- 2. Please list title and Full Time Equivalent (FTE) count (as of survey submission date) of all staff whose primary responsibility is delivering technology integration training and support for teachers. Does not include technical support.**

Title	Number of Current FTEs
Technology Facilitator	1.00
	<b>1.00</b>

## Instructional Technology Plan - Annually - 2016

## Technology Investment Plan

**G. Technology Investment Plan**

1. Please list the top five planned instructional technology investments in priority order over the next three years. Infrastructure is considered an instructional technology investment.

	Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual or Both?	Funding Sources May choose more than one source
1.	Chromebooks	90,000	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 Material Aid <input type="checkbox"/> Instructional Resources Aid <input type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
2.	3D Printers	30,000	One Time	<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 Material Aid <input type="checkbox"/> Instructional Resources Aid <input type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
3.	Professional Development	100,000	Both	<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 Material Aid <input type="checkbox"/> Instructional Resources Aid <input type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
4.	VOIP	150,000	One Time	<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 Material Aid <input type="checkbox"/> Instructional Resources Aid <input type="checkbox"/> Smart Schools Bond Act <input type="checkbox"/> Other
5.	Instructional Software	50,000	Both	<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 Material Aid <input type="checkbox"/> Instructional Resources Aid <input type="checkbox"/> Smart Schools Bond Act

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Technology Investment Plan

	Anticipated Item or Service	Estimated Cost	Is Cost One-time, Annual or Both?	Funding Sources May choose more than one source
				<input type="checkbox"/> Other
<b>Totals:</b>		<b>420,000</b>		

2. If "Other" was selected in question one, for items purchased or for a funding source, please specify.

(No Response)

**Instructional Technology Plan - Annually - 2016**

Status of Technology Initiatives and Community Involvement

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**H. Status of Technology Initiatives and Community Connectivity**

1. **Please check any developments, since your last instructional technology plan, that affect the current status of the technology initiatives.**

- Changes in District Enrollment
- Changes in Staffing
- Changes in Funding
- Technology Plan Implementation
- Computer-based Testing
- Catastrophic Event
- Developments in Technology
- Changes in Legislation
- Other
- None

2. **In this section, please describe how the district plans to increase student and teacher access to technology, at home and in the community.**

Increase the number of portable dvices including chromebooks and ipads.

3. **Please check all locations where Internet service is available to students within the school district's geographical boundaries.**

- Home
- Community
- None

3a. **Please identify categories of available Internet locations within the community.**

Community center, library, starbucks.

**Instructional Technology Plan - Annually - 2016**

Instructional Technology Plan Implementation

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**I. Instructional Technology Plan Implementation**

1. **Please provide the timeline and major milestones for the implementation of the technology plan as well as the action plan to integrate technology into curriculum and instruction to improve student learning.**

September 1st, is the anticipated date of adding 300 chromebooks.

## Instructional Technology Plan - Annually - 2016

Monitoring and Evaluation

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**J. Monitoring and Evaluation**

1. Please describe the proposed strategies that the district will use to evaluate, at least twice a year, whether the district's instructional technology plan is 1) meeting the vision and goals as outlined in the plan and 2) making a positive impact on teaching and learning in the district.

The Director of Technology is constantly evaluating the technology use in the district and presents to central office and PTA 3-4 times per year.

2. Please fill in all information for the policies listed below.

	URL	Year Policy Adopted
Acceptable Use Policy -- AUP	n/a	0
Internet Safety/Cyberbullying*	n/a	0
Parents' Bill of Rights for Data Privacy and Security	na	0

**Instructional Technology Plan - Annually - 2016**Survey Feedback

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**K. Survey Feedback**

Thank you for submitting your district's instructional technology plan (ITP) survey via the online collection tool. We appreciate the time and effort you have spent completing the ITP survey. Please answer the following questions to assist us in making ongoing improvements to the online survey tool.

**1. Was the survey clear and easy to use**

Yes

**2. Was the guidance document helpful?**

Yes

**3. What question(s) would you like to add to the survey? Why?**

(No Response)

**4. What question(s) would you omit from the survey? Why?**

(No Response)

**5. Other comments.**

(No Response)

Instructional Technology Plan - Annually - 2016

Appendices

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**Appendices**

1. **Upload additional documentation to support your submission**

(No Response)