

# Kansas State Department of Education Technology Plan

## D0458 - Basehor-Linwood

Effective from: 7/1/2014 to 6/30/2017

### Contact Information

**School District Number:** D0458

**School District Name:** Basehor-Linwood

**Superintendent:** David Howard

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**District Web Site:**

**Technology Plan Creation Date:** 01/20/2014

**Date Technology Plan Approved by District School Board:** 01/13/2014

## Board Approved District Policies Section

1. The district has Appropriate Use Policies that address network use, copyright issues, software agreements and policy, and governs the use of all technologies including Internet access by students, teachers, staff, administrators, and community. The policies are reviewed with students and staff yearly.

Yes

2. Has the district installed, and does it regularly update, a technology filtering software application, a technology filtering service, or a technology hardware device, which filters access to obscene, pornographic, and other inappropriate materials as mandated by the Children's Internet Protection Act, in order to qualify for federal e-rate funds and other federal grant programs?

Yes

3. Are district policies in place that address state and federal requirements to educate students regarding Cyberbullying, Internet Safety and Digital Citizenship and appropriate online behavior--including interactions in social networking sites, forums and chat rooms?

Yes

4. Does the district have policies clearly articulating both gift acceptance of technology hardware and software and the disposal process for unused, outdated, or inoperable technology hardware and software? Are the policies evaluated and updated yearly?

Yes

5. Does the district maintain a concise, complete technology inventory that includes software licensing, hardware, and where the items are located or can be accessed?

Yes

6. Does the district have a plan and an adequate budget for the regular upgrading of technology hardware and software, and plans for electrical upgrades that relate to technology, that is evaluated and updated yearly?

Yes

7. Does the district have a plan that addresses the equitable distribution of available technologies, including hardware and software, and technology integration into the learning environment for all students?

Yes

8. Does the district have a plan and adequate budget to consider accessibility and compliance with Section 508? Answering 'no' will not negatively affect District Technology Plan approval—the district should be aware of the compliance requirements that can be found on the [Kansas Partnership for Accessible Technology \(KPAT\) website](#).

Yes

## **Committee Membership / Stakeholder Representation (This section is no longer scored)**

**Identifies contributors to the plan. Consideration should be given to include representation from all constituencies: students, teachers, administrators, parents, educational institutions, and the community.**

List the members of your committee, their titles, and identify the constituency each member represents:

David Howard - Superintendent  
Mike Boyd - Assistance Superintendent  
Lisa Lund - Director of Technology  
Teri Boyd - Administrator  
Cindy Hiebert - Administrator  
Jan Hancock - Administrator  
Tiffany Lynch - Administrator  
Sherry Reeves - Administrator  
Mike Wiley - Administrator  
Jared Fuhrman - Administrator  
Kandy Johnson - District Instructional Technology  
Stephanie Ogden - Tech Coordinator  
Lynn Nahrebeski - Tech Coordinator/Parent  
Jan Laffoon - Assistant Director of Technology/Patron  
Barbara Lawrence - Tech Coordinator/Parent  
Lori Tavis - Tech Coordinator/Parent  
Kyla Dominick - Science Teacher  
Michelle Vielhauer - Language Arts Teacher  
Cyndi Kenton - Librarian  
Allison Gutierrez - Social Science Teacher  
Chris Claflin - Industrial Tech Teacher  
Diane Applegate - SPED Teacher  
Shelly Schoepflin - Elementary Teacher  
Amy Irvin - Elementary Teacher  
Emily Stock - Elementary Teacher  
Kristen Loney - Digital Media  
Brandi Turner - Middle School Teacher  
Leesa Cuningham - Community Member  
Dayna Miller - Board of Education

Are all recommended constituencies represented?

No

**If no, explain here:**

We create a survey for our students in order to get input on their technology needs. We are working on adding students to the committee and will be starting this year. We also have started a Technology Club at the Middle Level and hope to move this to a club at the High School Level as well. These students will be learning how they can support students and teachers in the classrooms by learning basic technology tips and help guides. Students will also give a voice to the technology issues and changes they would like to see happen in the Basehor-Linwood School District.

## **Mission and Vision (This section is no longer scored)**

### **MISSION STATEMENT (This section is no longer scored)**

All students developing and reaching their potential.

### **INSTRUCTIONAL TECHNOLOGY VISION (This section is no longer scored)**

Basehor-Linwood USD458 is a community of learners, and all learners from students, administrators, classified employees, school board members and patrons have access to and participate in programs focused on improving learning. The vision of Instructional Technology is to provide instruction to our staff and students by integrating technology into the classroom to engage students in the College and Career Readiness Standards and provide an environment that allows for critical thinking, collaboration, creativity and communication in an environment of cutting edge technologies which encourage our students to become 21st Century Learners.

#### **TECH INTEGRATION AT BASEHOR-LINWOOD**

**T**aking the time to learn the basic technology skills

**E**ngaging students through integrated technology

**C**reating digital literacy through the CCSS

**H**elping our students to become responsible digital citizens

**I**ntegrating best practices into our classrooms

**N**urturing an environment where exploration is encouraged

**T**eaching our students to collaborate and cooperate

**E**mpowering our teachers to integrate new technology

**G**rowing in our profession by learning new technology

**R**aising the awareness of technology tools to improve instruction

**A**ssisting each other in understanding how to implement technology

**T**ransforming our instruction by creating a student-learning environment

**I**nfluencing those around us with a positive attitude towards learning

**O**verseeing our students learning – “Guide on the Side”

**N**avigating through all the new learning...knowing we will improve student learning

## District Summary of Progress and Technology Goals

### Summary of Previous Technology Plan (This section is not scored)

Briefly describe your progress toward meeting the goals and objectives in your previous technology plan:

USD458 has been moderately successful in meeting the goals and objectives in several areas of the plan over the past three years. Our team is consistently measuring and evaluating our goals and moving our district toward meeting our goals.

Goal 1, 2, 3: We have been working to improve our infrastructure by improving our wireless speed from 20 mg to 50mg from our internet provider, replacing access points to meet the demands of our wireless devices in the buildings. The Middle School has new Ubiquiti Wireless access points to improve the ability for connection of all devices at any location in the building.

We have also purchased a Palo Alto filter to help with filtering of our wireless for all students and staff throughout the district.

Goal 4: Curriculum and instruction goals and objectives have been met with success by utilizing our District Technology Integration Specialist (DTIS). The DTIS is spending time in each building to help teachers with integration lessons and teaching students in the classroom as a model for technology integration.

Goal 5: Our Middle School is moving forward each year with 1:1 initiative with iPads in the 6th grade and 7th grade and will move to full implementation in the 2014-15 school year with 6, 7 and 8 graders all with Ipad devices. We have increased the carts in our elementary schools by moving some of the carts from middle school to elementary school to increase technology in the classrooms. The staff and computer lab at Linwood Elementary School received new iMacs and MacBook Pros during the 2013 school year in order to begin replacing our aging equipment for our staff and students.

Goal 6: We have the Skyward system for grades and student access. All teachers have access to Skyward 24/7. Our kitchen staff utilizes Skyward as our Student Nutrition system.

Goal 7 and 8: All computers have MAP testing, KCA (KITE) testing abilities and wireless access to the internet. Teachers and students have access to Study Island, Accelerated Reader, Write Source, School Reach and Holt academic texts and support materials. All Administrators have access to the McRel Walkthrough forms to help with monitoring instruction in the classroom and provide teacher feedback.

Goal 9 and 10: We use our Skyward system to communicate with our parents on a regular basis through an email alert, individual emails through our Gmail system and information provided on the teacher and district website. We also have a Facebook and Twitter in order to provide more information for our community. Our Communications Department creates a Newsletter to inform the parents and community of the district achievements and goals which is published on our website.

Goal 11: We are working to research the best option for an inventory management system. We are currently utilizing our library system to check out and monitor use of our laptops throughout the district.

We continue to provide professional development during in-service days with a choice of technology tools and integration lessons provided by our teachers based on surveys of our staff. The NETS have been integrated into our curriculum through documents created by our DTIS. Administrators use the McRel Walkthrough as a way to obtain data on technology integration in all of our buildings.

We will continue to evaluate the success of DTIS in small group implementation as well as large group implementation. We are still exploring the process of creating and offering online professional development to our staff through a Learning Management System.

## Technology Needs Assessment

This section identifies and explains the technology needs assessment process that is used to drive acquisition, upgrades/replacements and the deployment of technology resources in support of the educational and administrative needs of the district.

We have given Technology Assessments to our staff, students and community. The survey results are below. Basehor-Linwood School District also does Professional Development Surveys to make sure that we meet the needs of our teachers for technology integration throughout the school year. We have created a Bulldog Tech Club for our middle school students so that we can get input from them on technology uses in the classrooms, issues, and ways to resolve issues in relation to technology with our students. We plan to move this club to the high school level after a pilot with our middle school students. We will be utilizing the Project 24 assessments during the 2015-16 School Year and will be giving assessments during February for our community so that we can use that information to make changes in our technology needs, equipment purchases, and training that needs to happen for our students and parents in the community. We do continuous surveys and will move to using surveys during parent teacher conferences to be able to make sure that all students and parents have access to the community as well as using State Wide Technology surveys. We have attached a copy of the surveys in a PDF form.

## District Technology Infrastructure Goals and Objectives

This section is for districts to provide specific, measurable, District Technology Infrastructure Goals and Objectives, and a narrative description **For e-rate purposes, districts should specifically mention e-rate eligible services that the district will leverage to support the educational and administrative needs of the district. Kan-Ed members should include a reference to Kan-Ed provided services when addressing this goal.**

**Approaches Requirements:** Objectives are not linked to goals or are absent. Objectives do not appear to be measurable or attainable. Infrastructure, telecommunications, hardware, software, Internet access, services and resources are mentioned but it is not clear how these support the educational or administrative needs of the district.

**Meets Requirements:** Measurable objectives for each goal have been established. Infrastructure, telecommunications, hardware, software, Internet access, services and resources clearly support the educational and administrative needs of the district. E-rate eligible services, including Kan-Ed services, if a member of Kan-Ed, are addressed.

**Exemplary:** Measurable objectives for each goal have been established. Objectives are identified as being integrated into building-level school improvement plans to improve student learning. District goals & objectives support 21st Century Teaching and Learning. District educational priorities clearly drive decisions related to district technology infrastructure, telecommunications, hardware, software, Internet access, services, and resources. E-rate eligible services, including Kan-Ed Member Services, if a member of Kan-Ed, are addressed. Hardware, software and infrastructure purchases clearly support the school improvement plans of the district.

### District Technology Infrastructure Goals/Objectives:

District technology infrastructure, telecommunications, hardware, software, internet access, services and resources support the educational and administrative needs of the district.

- Increase the bandwidth in our district to support our 1:1 iPad Program at the middle level.
- Increase our bandwidth and replace our wireless infrastructure at our high school in order to prepare for more wireless devices, investigation of BYOD at the high school level.
- Research and evaluate technology resources to be able to support administrative and educational needs of the district (improved storage for students and staff, digital tools to support College and Career Readiness Standards, Active Directory in order to facilitate improved allocation of resources to staff and students, digital readers and iPad technologies).

Improve our district infrastructure and communication for both internal and external constituents of the district.

- Research and evaluate the implementation of a VOIP telephone system in order to facilitate more communication for staff, students and parents.
- Research and evaluate the website, voicemail and communication tools to improve the sites as well as the content and communication with the community.

Evaluate the current software and purchased technology packages throughout the district at all grade levels, content areas and programs of study.

- Research and evaluate the implementation of Microsoft, Windows 7, Adobe products either open license or through cloud based options in order to increase the ability to access new and emerging technologies as they are released.
- Research and evaluate the best platforms to run our programs of study; either through a Windows based program, IOS platform or another platform that will enhance the learning of our students in the classroom.

### District Technology Infrastructure Narrative Description

Provide a description of the infrastructure, telecommunications, hardware, software, internet access, services, support, and resources the district will leverage to support the educational and administrative needs of the district:



Throughout the district we have a great need to increase our bandwidth from 50 mg to a higher speed of at least 100 mg in order to be able to support additional devices, 1:1 expansion program at the middle school as well as additional devices at the elementary level. As we look to increase the bandwidth we are looking to change the structure of the buildings by adding Active Directory with our Palo Alto filter to pinpoint filtering for different groups within our district, additional and new wireless access points at the high school and elementary schools. ERate supports our phone and internet connection at all buildings.

Additionally we will be looking at VOIP in order to provide a more updated phone system to all of our buildings over the next three to five years. We will be using capital outlay funds for these projects and looking at other funding sources over the next three years.

At our middle school we are moving to a 1:1 iPad program and have implemented this with our 6, 7 grade students and will move to full implementation in the 2014-15 school year. Also, this building has moved to Ubiquiti access points to handle the additional wireless needs of the building.

Our first large infrastructure project will be the high school switches and access points that need to be upgraded if we are to move to a BYOD or more technology at the 9-12 grade level. Also, we will be evaluating the Broadcast Pathway to make sure that our computer hardware and software programs meet the needs of the students and curriculum for this program. We will evaluate and develop a BYOD program to pilot at our high school in the next three years to support the needs of our students coming from a 1:1 program at the middle level in the year 2015-16.

Another large purchase will be the replacement of our teacher laptops to new Macbooks during the 2014-15 school year in order to replace aging equipment for our teachers.

Our student management system, Skyward, is available 24/7/365 for our students, parents, staff, teachers and administrators throughout the district. Our labs and laptop carts are available to support online testing, Accelerated Reader, MAP, KCA and KITE testing in all buildings.

### **Evaluating District Technology Infrastructure Goals And Objectives**

The Basehor-Linwood School District uses ERate to help with funding for our wireless connectivity as well as phone coverage for our buildings. As we move to improve wireless connectivity by updating our infrastructure and the access points in our buildings we will be able to increase our technology integration and support of the objectives of curriculum through these improvements in our infrastructure. We have been moving to 1:1 at our middle school and will complete this during the 2014-15 school year with all students in 6-8 grade with devices. As we move forward with the 1:1 we are investigating how we will implement a possible BYOT plans for our high school grades with the improved infrastructure, bandwidth and access points to support a program of this magnitude. Also, we will be moving to create a centralized system that will allow for Active Directory and the ability to filter staff and students to add more of the integrate technology into our classrooms. Our goals will be measured by speed testing as we move to a more robust infrastructure, feedback from staff and students and constant monitoring of our system.

We will be utilizing our 21st Century Technology Committee to provide a voice for students, teachers, administrators and the community about the new technology purchases, improvements to our infrastructure, integrated technology programs, software/hardware options as well as a voice in training needed to meet these needs. Also, this committee will meet regularly using the Project 24 MOOC in order to help our staff move towards integration of technology in our classrooms throughout the district. Also, our district will utilize new surveys to help us really evaluate the needs of our district for both equipment as well as integration tools needed in order to provide a 21st Century Education for our students.

During the 2013-14 school year a Bulldog Tech Club has been implemented in order to provide training, voice and train a group of students to help our teachers with technology issues and questions in the classroom while providing a student voice for technology implementation in the coming years. This pilot program at the middle school will be evaluated and possibly moved to the high school in the 2014-15 school year.

Although budget issues and concerns are the determining factor in acquiring the hardware and software programs for our district, we will utilize the surveys, committees, CTE programs and the effectiveness of current technologies to determine our future needs.

## Curriculum Integration Goals and Objectives

In this section the district will outline the District Goals and Objectives related to Curriculum Integration--specifically, how the district will leverage technology to support the teaching and learning mission of the district.

**Approaches Requirements:** Objectives are not linked to goals or are absent. Objectives do not appear to be measurable or attainable. The plan mentions curriculum integration but lacks details for one or more of the goals.

**Meets Requirements:** Measurable objectives for each goal have been established. The plan describes the current district-wide curriculum, efforts and initiatives for technology integration into the curriculum. It is evident that technology use is expected and planned in curriculum and instruction. A detailed summary of how the district will address the Curriculum Integration Goals and Objectives are identified.

**Exemplary:** Measurable objectives for each goal have been established. Objectives are identified as being integrated into building-level school improvement plans to improve student learning. District goals & objectives support 21st Century Teaching and Learning. The plan describes the current district-wide curriculum, efforts, and initiatives for integrating technology into the curriculum. It is evident that technology use is expected and planned in curriculum and instruction. A detailed summary of how the district will address the Curriculum Integration Goals and Objectives is identified and utilizes research-based strategies for teaching and learning.

### Curriculum Integration Goals and Objectives:

Increase Student Achievement through the effective use of technology.

- Students will utilize software, apps, Web 2.0 tools aligned to College and Career Readiness Standards that enhance learning and target 21st Century Skills.

Ensure that students are technology literate by the end of the 8th Grade.

- Reviewing technology curriculum so that students will have participated in technology integrated lessons that are scoped and sequenced from Kindergarten to 8th grade.
- Students will work on keyboarding and technology skills in grades K-8 in order to be prepared to participate in technology integration at all grade levels.

Progress is being made toward fully integrating technology into the curriculum.

- Teachers in grades 6-8 are working with iPads to implement apps that integrate technology and instruction in the classroom.
- District Technology Integration Specialist (DTIS) is working with teachers in PLC to instruct staff on technology integration.

### Curriculum Integration Narrative:

Please outline how the district will meet the Curriculum Integration Goals and Objectives outlined above:

Basehor-Linwood has a full-time District Technology Integration Specialist (DTIS) who works directly with teachers and supports classroom instruction with technology integration. A focus for this DTIS is to provide teachers with weekly technology instruction, work with students and teachers in the computer labs, and help increase integration for College and Career Readiness Standards. Many of the tools used for integration:

- Gmail and Google Docs
- Apple Products like Keynote, etc.
- CCSS Testing
- Study Island
- Web 2.0 Tools
- iPad Apps
- Technology Integration for all subject areas K-12

Basehor-Linwood Director of Technology and DTIS will work together to create Technology Professional Development Days that are taught by teachers in our district. Also, the district will work to create a website that gives teachers resources, videos and tutorials to help them implement technology in the classroom at [tinyurl.com/techbylund](http://tinyurl.com/techbylund). A system of online professional development will be used to help give teachers an option to do PD on demand. The Director of Technology sends a weekly Technology Newsletter to help teachers with tips and integration tools that meet the needs of teachers K-12.

The 21st Century Committee and Technology Coordinators are going to review the k-8 Computer Curriculum and design an integrated curriculum with skills that can be taught at each grade level with integrated lesson plans to meet the technology skills. The Technology Coordinators at the K-5 buildings support teachers in the computer lab during technology integration lessons.

### **Evaluating Curriculum Integration**

By creating technology walk-throughs the Technology Department as well as the Administrators will be able to assess the level of technology integration and the impact on student learning.

Creating annual surveys and needs assessments for staff, students and the community to understand the level of implementation and the instructional needs of our staff to increase technology integration.

Teachers will be noting the technology integration used within the classroom in order to show the levels and types of technology integration.

During the DTIS time during PLC's teachers will use this time to determine the level of instruction based on the SAMR model and what changes need to occur in order to move to full integration in the classroom.

By reviewing our curriculum and creating a document to show technology skills K-8 teachers will be able to plan lessons that meet the needs of all students at each grade level. This K-8 curriculum will allow teachers to determine the types of lessons and projects that can be developed so that students can use their skills in a "real world" lesson.

College and Career Readiness Standards will be used during the 21st Century Committee to work on integrating these standards into our curriculum by evaluating Web 2.0 tools, software and hardware to meet the needs of the students and teachers.

By reviewing lesson plans, walk-through data, surveys, Professional Development surveys and the 21st Century Committee we will be able to see the level of technology integration and the ability of our students to meet the CCSS and technology integration skills.

## Technology Professional Development Goals and Objectives

In this section the district will outline the District Goals and Objectives related to Technology Professional Development--including professional development required to support the teaching and learning mission of the district, and to support the operational/administrative aspects of this plan.

It would be appropriate to include how the professional development will specifically support Curriculum Integration Goals and Objectives including:

- Increasing student academic achievement through the use of technology.
- Ensuring all students are technology literate by the end of 8th grade.
- Cyber bullying/Internet Safety/Digital Citizenship (to meet federal requirements to address educating students about these issues and appropriate online behavior including interactions in social chat rooms).

**Approaches Requirement:** Objectives are not linked to goals or are absent. Objectives do not appear to be measurable or attainable. Technology professional development plans are unclear or not fully developed. Lacks detail for addressing 1 or more Professional Development Goals and Objectives outlined above.

**Meeting Requirement:** Measurable objectives for each goal have been established. Technology professional development is described in detail to support the outlined Professional Development Goals and Objectives, and directly supports the district Curriculum Integration Goals and Objectives.

**Exemplary:** Measurable objectives for each goal have been established. Objectives are identified as being integrated into building-level school improvement plans to improve student learning. District goals & objectives support 21st Century Teaching and Learning. The district provides technology professional development that incorporates high levels of support for teachers, such as on-going professional support through instructional technology coaching, mentor teacher strategies, etc.,. Technology professional development includes multiple strategies, incentives, and resources. A clear alignment with the district professional development plan is articulated. Technology is embedded in professional learning. Technology professional development is ongoing and is applied to student learning activities in the classrooms.

### Technology Professional Development Goals and Objectives:

Improve the capacity of teachers to integrate technology effectively into the curriculum and instruction.

- All teachers will work with DTIS during Professional Learning Communities to learn about integrating technology into the curriculum.

Encourage effective integration of technology through teacher training and curriculum development to establish replicable best practices.

- Teachers will share technology integration tools during district professional development and through Professional Learning Communities and Staff Development.

Improve the capacity of classified staff to effectively use technology to fulfill their duties.

- Certified and Classified Staff at Basehor-Linwood will be provided the required training in implementation of software and hardware utilization as appropriate to enhance student learning or as needed for job efficiency and requirements.

### Technology Professional Development Narrative:

Please provide an overview of how the district will meet the outlined Professional Development Goals and Objectives here.

The Director of Technology, DTIS, and Technology Coordinators will assist Basehor-Linwood Staff to develop effective training to integrate the district's technology goals and objectives through CCSS. In order to ensure that all teachers are capable of utilizing current technologies available (i.e. Promethean Boards, iPads, Assessment Programs, and tools used by the district as a whole to monitor student learning.) Basehor-Linwood elementary teachers have access to Promethean Boards in the K-5 Classrooms in order to integrate technology. Each teacher will be provided as well with a lap top which can be utilized at school as well as for at-home usage for planning and preparation of lessons.

Other technologies available to all staff will include:

- Projectors
- Clickers

- Digital media devices
- Digital video recorders
- Digital Cameras
- District Web Site with teacher created web page availability
- Gmail, Google Documents and Google Apps
- Skyward for Student Management System
- iPads

Staff will be provided additional opportunities for professional development through district, building and teacher led professional development.

- PLC's – Through professional learning communities, teachers will share strategies with one another.
- Workshops – On a rotating basis, teachers will be provided to access of peers outside of the district who have demonstrated proficiency in this area.
- School visits – As needed, teachers will have an opportunity to visit other classrooms outside of Sample District to view and learn from other teachers strategies which have been developed to utilize technologies within the classroom.
- Technology integrator – THE DTIS will meet with teachers on a regular basis to help teachers design lessons, model, and implement effective lessons in which technology has been integrated.
- On-line learning – Teachers will also have access to school computers and networks in order to connect with various on-line learning venues.

Finally, all classified staff will have needed training and instruction in appropriate needed technologies which aid each employee in fulfilling needed job requirements to the fullest of their abilities.

- All classified staff, new and those not proficient will receive training in current or changing district email system.
- All classified staff, new and those not proficient will receive training in basic word processing and spreadsheet applications.
- Secretarial staff will receive more advanced training as needed, required, or as staff changes occur.
- Skyward (student data system)
- KIDS system with KSDE
- Publishing programs
- Media storage and retrieval
- Various web portals
- Web 2.0 Tools
- E-req system for purchases

The training will be provided by our DTIS, Technology Coordinators, Technology Director, and staff members.

### **Evaluating Technology Professional Development**

The 21st Century Committee along with the surveys will help to guide the purchases related to technology purchases over the next three years. By implementing a variety of technologies, student learning will be

enhanced and student achievement will increase.

In order to be proficient in incorporating technology into teaching and learning, teachers need appropriate levels of professional development. Success in determining whether or not levels of professional development are appropriate will be determined by analyzing various reports and data cache applications as noted:

- Through walkthroughs and lesson planning, administration will note the frequency and application of technology-based instruction as gained through professional learning opportunities.
- Through professional development surveys and documentation after learning opportunities, teachers will note whether or not gained knowledge will allow them to integrate the technology and take the technology beyond basic knowledge level and move to application and impact levels. Analyzing each professional growth report at the end of each year will enable the district to determine actual usage of gained skills and success within the classroom setting.
- Observation in walk-throughs will document teacher interaction of utilization of technology with student body and frequency. Lesson plans would document this area.
- A process of requesting new technology has been implemented and will the district to evaluate technology before purchases so that the purchases will help increase technology integration, work within the current and new infrastructure.
- Requests from staff for additional or enhanced training on basic technology integrations will be evaluated through the surveys and Professional Learning Communities as well as the 21st Century Committee.
- Requests from staff to utilize technology integrator teacher to assist with implementing curricular imbedded technology lessons and instruction.
- Creation and usage of classroom Web Pages on the district website that includes blogs, wikis, and forums for mentoring and after school and off-site learning.
- Middle School Technology Committee for Students.

## Technology Plan verification For E-rate Purposes

**Please check the statement that applies to your district:** *Please note that although districts may already have an approved technology plan on file with KSDE, the following statements provide KSDE with verification of whether the district needs to file an addendum to the original technology plan to comply with the SLD criteria that technology plans include all Form 470 items (except for basic phone service). **Please check only one box.***

Our district **has filed or intends to file** only for basic Telecommunication services (POTS--basic local/long distance only, not including voice mail, Centrex, etc.) for Funding Years covered by this technology plan.

## District Technology Plan Budget

Budget Area	Cost	Funding Sources with amount per Sources
<b>School Year:</b>		
2014-15		
Professional Development	\$55000	General Fund
Telecommunications and Internet Access	\$19500 0	Waiting on Erate for Percentage
Materials and Supplies (i.e. Software)	\$60000 .00	General Fund
Equipment (i.e. Hardware)	\$31500 0	General Fund
Maintenance and Support	\$50000	General Fund
Other	\$	
<b>Total</b>	<b>\$67500 0</b>	
<b>School Year:</b>		
2015-16		
Professional Development	\$55000	General Fund
Telecommunications and Internet Access	\$19500 0	General Fund - Estimate waiting on new contract
Materials and Supplies (i.e. Software)	\$60000 .00	General Fund
Equipment (i.e. Hardware)	\$31500 0	General Fund
Maintenance and Support	\$50000	General Fund
Other	\$	
<b>Total</b>	<b>\$67500 0</b>	
<b>School Year:</b>		
2016-17		
Professional Development	\$55000	General Fund
Telecommunications and Internet Access	\$19500 0	General Fund - Estimate waiting on new contract
Materials and Supplies (i.e. Software)	\$60000	General Fund
Equipment (i.e. Hardware)	\$31500 0	General Fund
Maintenance and Support	\$50000	General Fund
Other	\$	
<b>Total</b>	<b>\$67500 0</b>	

**Survey was given to the staff and 107 responses from the teachers in the Basehor-Linwood School District.**

1. Teachers have sufficient computer hardware available for their use, e.g. – computers, digital cameras, projection devices, scanners, printers.

Strongly Disagree (1)	2	3	4	Strongly Agree (5)
8	16	32	30	21
75	15%	30%	28%	20%

2. Students have sufficient computer hardware available for their use, e.g., computers, digital cameras, projection devices, scanners, printers.

Strongly Disagree (1)	2	3	4	Strongly Agree (5)
17	32	18	27	13
16%	30%	17%	25%	12%

3. I consider both the curriculum and the needs of learners when I am selecting resource media and software.

Strongly Disagree (1)	2	3	4	Strongly Agree (5)
1	3	11	33	59
1%	3%	10%	31%	55%

4. I use research-based practices in my teaching.

Strongly Disagree (1)	2	3	4	Strongly Agree (5)
0	0	7	31	69
0%	0%	7%	29%	64%

5. I can successfully identify, locate, and evaluate technology resources.

Strongly Disagree (1)	2	3	4	Strongly Agree (5)
0	10	30	36	31
0%	9%	28%	34%	29%

6. I use technology to collect and analyze student assessment data.

Strongly Disagree (1)	2	3	4	Strongly Agree (5)
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3	9	22	35	38
3%	8%	21%	33%	36%

7. I can incorporate learner-center teaching strategies that utilize technology, e.g., project-based or cooperative learning.

Strongly Disagree (1)	2	3	4	Strongly Agree (5)
1	6	23	39	38
1%	6%	21%	36%	36%

8. I understand and share online security and safety tips and practices with my students.

Strongly Disagree (1)	2	3	4	Strongly Agree (5)
1	9	20	31	46
1%	8%	19%	29%	43%

9. I rely on technology as a tool for differentiating instruction with students of all ability levels.

Strongly Disagree (1)	2	3	4	Strongly Agree (5)
1	9	27	40	30
1%	8%	25%	37%	28%

10. I have a good working knowledge of our district's technology standards and my lesson plans are aligned to them.

Strongly Disagree (1)	2	3	4	Strongly Agree (5)
6	14	34	34	19
6%	13%	32%	32%	18%

11. I feel well equipped to use technology to increase my professional productivity.

Strongly Disagree (1)	2	3	4	Strongly Agree (5)
3	8	21	46	29
3%	7%	20%	43%	27%

12. I feel well equipped to use technology to communicate and collaborate with families about school programs and student learning.

Strongly Disagree (1)	2	3	4	Strongly Agree (5)
2	5	13	41	46
2%	5%	12%	38%	43%

13. I feel well equipped to use technology to communicate and collaborate with other educators.

Strongly Disagree (1)	2	3	4	Strongly Agree (5)
2	4	16	40	45
2%	4%	15%	37%	42%

14. I feel well equipped to use iPads and/or other mobile devices in my classroom for instruction and learning.

Strongly Disagree (1)	2	3	4	Strongly Agree (5)
12	15	23	36	21
11%	14%	21%	34%	20%

Do you believe that the BLMS iPad initiative has improved your student's education opportunities?

Yes	Somewhat	No	Undecided
67	20	6	1
71.3%	21.3%	6.4%	1.1%

3. Does having the iPad at home make it easier to help your student with their homework?

Yes	Somewhat	No	Undecided
68	14	3	9
72.3%	14.9%	3.2%	9.6%

4. Does having the iPad help communication between school, students, and parents?

Yes	A Little	Not Much	No
45	24	11	12
48.9%	26.1%	12.0%	13.0%

5. Do you monitor your student's iPad use (internet, Youtube, messaging, etc) at home?

Regularly	Once in awhile	Not at all
59	22	12
63.4%	23.7%	12.9%

6. Do you think the district should expand the iPad initiative to include more than one grade level for the 2013-14 school year?

Yes	No
72	7
79.1%	7.7%

### Student Survey

1. I have enjoyed school more this year because of the iPad?

Not At All	A Little	Not Sure	Pretty Much	Absolutely
2	25	6	40	90

2. I have learned more this year because of the iPad.

Not at all	A Little	Not Sure	Pretty Much	Absolutely
4	19	20	66	53

3. Do you think the school district should continue to use iPads checked out to students in the future?

Not at all	A Little	Not Sure	Pretty Much	Absolutely
2	3	10	14	120

4. I have used my iPad at home to do homework?

Yes	No
145	4

5. Teachers have taught us about cyber safety (digital citizenship)

No	Yes
136	13

Parent Survey

IPad Parent Survey

Do you believe that the BLMS iPad initiative has made school more engaging for your student?

Yes	Somewhat	No	Undecided	
85	6	2	1	
90.4%	6.4%	2.1%	1.1%	

2. Do you believe that the BLMS iPad initiative has improved your student's education opportunities?

Yes	Somewhat	No	Undecided
67	20	6	1
71.3%	21.3%	6.4%	1.1%

3. Does having the iPad at home make it easier to help your student with their homework?

Yes	Somewhat	No	Undecided
68	14	3	9
72.3%	14.9%	3.2%	9.6%

4. Does having the iPad help communication between school, students, and parents?

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6. Do you think the district should expand the iPad initiative to include more than one grade level for the 2013-14 school year?

Yes	No
72	7
79.1%	7.7%

What type of internet connection do you have at home?

None	Dial-Up	Satellite	High Speed	Cellular	Other
12	16	41	328	62	37

What type of computer or mobile device with internet access do you have?

Desktop	Laptop	Tablet	Smartphone
262	326	103	257

What platform is your device?

Apple	Windows
121	333

How up to date is your device?

0-1 years	2-3 years	4 or more years
207	195	77