



# Kendall Central School District

## Planning for



## Technology

Developed for July 1, 2009 – June 30, 2012

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## ***Kendall Central School District Technology Plan***

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**Plan term:** Begins: July 1, 2009    Ends: June 30, 2012

**Kendall Central School District  
1932 Kendall Road  
Kendall, NY 14476**

The Kendall Central School District Technology Plan has been developed in order to provide a set of guiding principles for the acquisition and use of technology directly affecting K-12 students, teachers, administrators and parents. The framework for this plan aligns with the goals of the District's Professional Development Plan, New York State requirements and E-rate funding requirements. A Technology Committee has been formed in order to recommend specific actions that need to be taken to meet short- and long-term goals.

**Board Approval received on (date):** \_\_\_\_\_

**Approved by:**

\_\_\_\_\_  
Chris Klafehn, School Board President

Date \_\_\_\_\_

## **LEA Profile**

LEA Name: Kendall Central School District	
Address: 1932 Kendall Road, Kendall, NY 14476	
Number of Schools in LEA	2
Number of Teachers	85
Number of Students Enrolled	840
Percent of Students Eligible for Free/Reduced Lunch	32%
Student/Computer Ratio	3.1 /1

### **District Technology Contact**

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## **Mission and Vision Statements**

### **District Mission Statement**

The mission of the Kendall Central School District is to provide the knowledge, skills, values, and attitudes needed by students to live responsibly and to compete successfully in today and tomorrow's world.

### **Technology Committee Vision Statement**

In keeping with the Mission of the Kendall Central School District, the Technology Committee is committed to graduating students who possess the skills needed to succeed in an increasingly complex information society. Students will be comfortable with and proficient in using educational technology in all its forms as information resources and to possess the skills to interact with individuals and organizations and agencies through computer telecommunications. The District believes in utilizing technology at the point of instruction aligning with New York State learning standards.

To fulfill this Vision the District is committed to:

- hardware, software, and telecommunications program evaluation, purchase and usage
- development of teacher's and staff's technological skills
- implementation and maintenance of a strong infrastructure
- technology standards for all staff and students

### **NYS Education's Technology Vision Statement**

In addition to the **Vision Statement** by the Technology Committee, Kendall Central School District is also committed to the Vision stated by the NYS Education Department's Technology Plan.

*Educational technology applications will deepen student engagement and improve student achievement by enabling them to access and analyze information, solve problems, collaborate with others, and communicate their thoughts and ideas. Effective use of learning technologies will allow students to become self-directed, self-motivated and lifelong learners.*

*Teachers will increasingly be facilitators of student learning through proficient use of learning technologies. All teachers will receive intensive, job-embedded, ongoing professional development in integrating technology into curricula and instruction. Teachers will incorporate high quality information resources in their*

*teaching strategies to address multiple learning styles, to motivate and engage students, and to support student exploration and growth.*

*Learning technologies will be available to all teachers to support their own learning and professional development. Resources for teachers, available at any time and any place, will include:*

- *samples of effective curricula and lesson plans aligned with New York State Learning Standards;*
- *samples of student work and assessments;*
- *on-line professional development;*
- *opportunities to engage in dialogue and virtual mentoring relationships with colleagues;*
- *student learning data desegregated to the individual, classroom, school or district level;*
- *web-based applications that allow teachers and administrators to build relationships with parents and communities; and*
- *management tools that expedite administrative tasks, freeing up more time for direct student interaction.*

### **Technology Committee Members**

Carol D'Agostino, Chair	Jr./Sr. High School Principal
Kim Gitzen	Instructional Technology Specialist
Lea De'Maison	Computer Specialist
Eileen Grah	Elementary Librarian
Gwen Oosterhouse	Jr./Sr. High School Librarian
Mark Laubacher	BOCES 2 Representative
Ray Miller	BOCES 2 Representative
Kristen Flint	Science Teacher Jr/Sr High School
Jeff Decker	Technology Teacher Jr/Sr High School
Val Gaesser	Fifth Grade Elementary Teacher
Tony Schepis	Technology Teacher Jr/Sr High School
Alden Snell	Elementary Band Director & Music Teacher
Mary Hastings	Elementary Kindergarten Teacher

## ***Needs Assessment***

### **Statement of Existing Conditions**

#### A. Staff Assessments

- ◆ Staff Technology Needs Assessments were conducted in October, 2008
- ◆ Results from Assessment were compiled and additional training in Promethean Boards, Laptop Carts, Document Cameras, and Multi-media Carts were requested.

#### B. Technology Focus for July, 2009 – June, 2012

- ◆ 1) Reviewing and updating the Technology Plan yearly,
- ◆ 2) An informational session for all Kendall employees provided at the first meeting of the school year regarding the Acceptable Use Policy for Students and Staff where all employees sign the AU policy at the session,
- ◆ 3) Exploring Grants and working collaboratively with area school districts to obtain money needed for technology,
- ◆ 4) Developing project based learning for integrating technology into the classroom where more than one core subject would be included in the project,
- ◆ 5) Professional development for all staff for the use of new technology equipment that is purchased for the district, and
- ◆ 6) Investigating and purchasing equipment , software and professional development to improve the Math and ELA scores of the district to meet Federal and NYS guidelines and requirements,
- ◆ 7) Train teachers who will develop lessons using the Promethean or current Interactive Whiteboards within the district for the purpose of improving test scores, and
- ◆ 8) Implement a new student management system which will include grades and attendance district wide.

#### C. Hardware

- ◆ Network Servers (specific hardware specs can be supplied by the technology department)
- ◆ Printers
  - All office staff each has their own personal printer.

- Most teachers have their own personal printer. When a printer is no longer working, they will not have a printer replaced unless there is an absolute necessity for the teacher to have a personal printer within their classroom.
  - Teachers will use networked Copier/Printers for their printing needs when a printer is no longer accessible within their classroom.
  - Many teachers regardless of printer location are using the Copier/Printers, which allows them to retrieve their copies and select multiple copies at the copier.
  - The above plan, which was implemented at the end of the 2002-2003 school year, has proven to save the district money in cartridge purchases.
  - A person is appointed coordinator for toner and ink cartridge supplies for the entire District, which has also resulted in reduction of cartridge cost.
  - Cartridge replacement costs continue to be reduced.
- ◆ Jr./Sr. High School Hardware
    - Each classroom has a teacher PC less than 5 years old
    - Graphics lab contain current hardware and software which mimics the software currently being used in the industry
    - HS Computer Lab contains PC equipment less than 5 years old
    - The library has PC equipment less than 5 years old
    - All support and admin staff have equipment less than 3 years old
  - ◆ Elementary School Hardware
    - Each classroom has a teacher PC computer less than 5 years old
    - The elementary lab has PC computers less than 5 years old
    - The library has PC equipment less than 5 years old
    - All support and admin staff have PC equipment less than 3 years old
  - ◆ District Offices Hardware
    - District Offices, PPS, Transportation and Buildings and Grounds are all equipped with PC equipment less than 3 years old

D. Software

- ◆ MS Office XP is used on most of the machines in both buildings including office staff.
- ◆ Elementary Lab utilizes mostly free Internet sites for student learning or MS Office Applications.
- ◆ Elementary Lab utilizes the Pearson Scott Foresman software programs provided with the books purchased by the District in the 05-06 school year.
- ◆ Elementary Lab utilizes Kid Pix software purchased for the lab.
- ◆ Students often bring work in from home and files are not compatible with school software. We have installed MS Works on library computers to assist students with the ease of converting their files.
- ◆ The school district utilizes the filtering software program to monitor and block all inappropriate sites from the Internet.
- ◆ SchoolTool will be used by Administration, Clerical Staff, Nurses and Teachers for student information, grades, scheduling and attendance. This will be used throughout the Elementary and Jr/Sr schools.
- ◆ The Elementary and Jr/Sr High School will utilize SchoolTool for period by period and daily attendance as required by NYS and Federal Government requirements.

E. Library

- ◆ Ranger/Ronco – Elementary and Jr./Sr. High School Buildings
  - Installed and trained 2009
  - TV's within the classrooms for video, broadcasting, daily calendar and used with scan converters attached to computer for presentations by students and teachers
- ◆ Library Media Specialist distributes overhead projectors, a multimedia projector, TV/VCR carts as needed for staff.
- ◆ Library Media Specialist maintain sign out books for various equipment such as document cameras, multi-media carts, projectors, screens, and laptop carts.
- ◆ Elementary students have access to a grade login and utilize this to save their documents. These documents are accessible throughout the building.
- ◆ The Library maintains the acceptable use policy signed by students/parents
- ◆ An online career assessment software is used in the Jr/Sr HS library and is used by students researching career and college choices.

- ◆ The Libraries use Mandarin M3 ver 1.6st3. This is also installed in both the Elementary and Jr/Sr. High School computer labs. The Library is currently investigating a new library automation system, Follett's Destiny.
- ◆ Online databases have been purchased and are utilized by students in both buildings at school and from home.

#### F. Internet

- ◆ The connection to the Internet is through Road Runner. A monthly fee is paid to BOCES 2.
- ◆ An internet based filtering software is used as the District's filtering software.
- ◆ An anti-virus software purchased is installed on all computers in the District. A yearly maintenance is paid to keep the software current. Machines are set to live updates to keep machines as virus safe as possible.
- ◆ Kendall Central School District maintains a web site, [www.kendallschools.org](http://www.kendallschools.org).
- ◆ A fee is paid for the domain name [kendallschools.org](http://www.kendallschools.org).
- ◆ All classrooms providing instruction to students currently have connection to the Internet and email.
- ◆ Teachers utilize [www.schoolnotes.com](http://www.schoolnotes.com) to post homework, testing and other types of notices. These sites are widely used by parents and students.
- ◆ The Internet is a source for recording student data required for NYS into IEP Direct, AISM and Data Warehouse.
- ◆ Any Kendall employee working with Special Education students will be given access to utilize the IEP Direct system to gather information about special education students they are encountering in their classroom or on the bus. The information is password protected which allows the staff member to only see information on students that are assigned to them.
- ◆ IEP Direct allows case managers to input goals and objectives, etc. for their own students right into the program saving PPS Office secretaries time and duplication efforts

#### G. Professional Development

- ◆ All teachers, as required by their contract, will complete professional development training from the beginning of school year to the end of August complying with New York State Education Department's requirements regarding professional development for unit members. Computer courses and technology integration instruction are offered to the teachers by the Technology Integration Specialist both during, before and after school hours.
  - Instruction is teacher/student topic related
  - Teacher's receive course offering notices throughout the year

- Time is scheduled during the school day on an as needed basis and requested by teachers
- There will be no cost of instruction to teachers for the in-house technology training
- The school currently budgets yearly for professional development
- Professional Development training for technology is also offered in collaboration with other schools districts who participate in the BOCES 2 Instructional Technology Specialist coser. Teachers from our District can attend professional development training in another ITS District at no cost.

### **District Budget for Technology**

#### **2009-2010 School Year**

Computer Equipment, contractual costs                      \$238,709

The budget is adjusted yearly according to need, and increase in contractual costs. A technology committee meets during the school year to decide how the technology money is to be spent for the following year utilizing the technology plan as a guide and evaluating current technology in the market as well as the immediate need within the district. It is anticipated that the 2009 annual funding level will be continued for the 2010 – 2011 and 2011 – 2012 school years.

### **Current District Needs**

Needs are met with the co-ser services the district purchases from BOCES 2 for a Computer Technician, a Technology Integration Specialist, Professional Development, District Budget with recommendations from the Technology Committee and/or received from grants.

1. ELA/Math Software to improve test scores to meet NYS and Federal Government standards.

<b>Strategy</b>	<b>Timeline</b>
<p>Currently there is a need to improve ELA and Math test scores. Investigation and purchase of software will take place for the 09-10 school year.</p> <p>The software will be purchased and placed on district computers for teacher and students to use. Professional development will be provided to utilize the software to its</p>	<p>July/August/September 2009</p>

fullest.	
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2. Develop a studio in the Jr/Sr Highschool for the purposes of broadcasting.

Strategy	Timeline
A technology teacher will be trained on studio operations	Summer 09
Equipment and Software will installed and maintained.	Summer 09
Ongoing professional development for staff and students to utilize the studio equipment and software.	Starting 2009-2010 school year.
Updating of equipment on an as needed basis so that students are utilizing current technology.	Ongoing

3. Provide each lab and library with Netop Software to monitor use and utilize as an instructional tool.

Strategy	Timeline
Purchase of Netop Software for all labs and libraries	Summer 09
Professional Development for teachers on the use of Netop as a monitoring and instructional software program.	School year 09-10 and ongoing
Update the software as needed to work with new technology within the district.	Ongoing

4. Update the MS Office software to current MS Office Version.

Strategy	Timeline
Updating MS Office throughout the district to be consistent with current technology.	09-10 School year and ongoing
Provide professional development to All staff and students on the changes made when upgrades are conducted.	Ongoing

5. Update operating system for all computers to current MS Operating System.

Strategy	Timeline
All computers throughout the District will be updated with the most current operating system available on the market if possible or at least to a newer version that still is being supported by MS.	08-09 School Year
Evaluation of operating systems and their use with our current software will be done yearly.	Ongoing

6. Servers are to be placed on a 4-5 year replacement schedule and when purchased they will be actual servers and not converted workstations.

Strategy	Timeline
Servers will continue to be rotated on a 4-5 year replacement schedule.	This policy had started in May 2004 and is ongoing.

7. Laptops for the HS Library.

Strategy	Timeline
Addition of computers to the HS Library using Laptops to meet the need of the largest class size so that the library will have one computer per student for a class that is working in the library.	09-10 School Year

8. Computers utilized in district by students/teachers will be on a 3-5 year replacement schedule.

Strategy	Timeline
<p>Student/Teacher machines will be upgraded on a 3-5 year rotation schedule. Approximately 30-40 machines a year would need to be replaced or upgraded yearly. The district would utilize grant or stimulus money for at least 50% of these purchases.</p> <p>BOCES and the Technology Integration Specialist can provide assistance in grant writing.</p>	This started yearly beginning May 2004 and will be ongoing.

9. Computers utilized by District office, Elementary office, Jr./Sr. High School office, Business office, and PPS office are currently on a 5-year replacement schedule, which began in June 2003 and is still ongoing.

Strategy	Timeline
Five to six machines a year will be purchased to upgrade Office Staff equipment. The equipment will be on a 5-year replacement schedule.	Yearly beginning June 2003 and is ongoing.

10. Professional development to staff and teachers to increase technology awareness, usage and seamless integration within the classroom.

Strategy	Timeline
The Technology Integration Specialist will offer courses before and after school hours providing instruction on computer applications and technology integration. These courses can count towards their required professional development for NYS.	Ongoing
Professional development is also provided during the day or after school hours to any office staff personnel by the Technology Integration Specialist.	Ongoing
BOCES #1 is providing additional support and training on the Schootool student management system, attendance and egrades at Kendall and at their facility in Fairport.	Ongoing
Professional Development will also be offered by BOCES 2 Instructional Technology Specialists. Course offerings are provided in various local districts which can be attended by teachers in the BOCES 2 network.	This started in Spring 09 and is ongoing

11. Increase student knowledge regarding technology and how its use relates to their future.

Strategy	Timeline
Both building Libraries offer training to students regarding Internet usage. Both buildings offer further training to students for utilizing research-based databases when teachers bring their students in for research projects. The library has provided students with guidelines how to properly cite material they have referenced.	Ongoing
A Special for 5 <sup>th</sup> grade and 6 <sup>th</sup> grade technology is offered. Each grade receives a half-year of training in the computer lab one day a week.  Training for 5 <sup>th</sup> grade is focused on computer terminology and understanding, basic application and Internet usage and keyboarding as well as basics of MS Office	Ongoing

<b>Strategy</b>	<b>Timeline</b>
<p>integrating the current curriculum that is being covered in the classroom.</p> <p>Training for the 6<sup>th</sup> grade is focuses on improving keyboarding skills, proper use of Internet resources when researching, creating written reports utilizing MS Word, statistical data gathering and charting using MS Excel and presentation using MS PowerPoint integrating the current curriculum that is being covered in the classroom.</p>	
<p>Keyboarding/Computer Applications is a course offered to students in grades 9-12 in the High School. This course provides students with the skills necessary to meet the needs of today's working environment and college environment. Alumni surveys conducted in past years created the need for this course to be taught.</p>	Ongoing
<p>Keyboarding grades 2-4 is taught once a week for 8 weeks providing students with the foundation to keyboarding.</p>	Ongoing

12. Updating Software in the Technology Lab which provides instruction in CAD, Drafting and Design and Photography and 8<sup>th</sup> grade technology.

<b>Strategy</b>	<b>Timeline</b>
<p>Upgrade all the software to current software that would provide instruction in CAD, Drafting and Design as well as photography.</p>	<p>This started July/August 2007 and is ongoing to meet current technology in the market.</p>
<p>Technology Instructors will investigate and recommend purchases for hardware and software which meet current market standards for students wanting to enter the technology field.</p>	Ongoing

13. Current needs for cell phone use and telecommunications within the District are met.

Strategy	Timeline
Upgrade all the cell phones utilized by District staff.	Ongoing
Upgrade telecommunications within the district to meet the needs of the current technology and communication incoming and outgoing.	Ongoing

***Goals and Objectives***

1. The District will provide meaningful technology training to staff and teachers.

**Assessment:**

- A yearly technology questionnaire filled out by all KCS employees will be used to guide the professional development training by the Technology Integration Specialist.
- The questionnaire will be a guide for the technology and professional development committee to plan, budget and meet the needs of technology training within the district.
- The questionnaire will also guide the funds that are appropriated by the BOE for areas of need.
- Yearly evaluation of the professional development plan will be reviewed by administration. Changes will be made accordingly.
- Alumni questionnaires will continue to be evaluated to identify if students still feel that technology is behind in what is required of them when they graduate for college or the workforce.

2. Teachers will meet and exceed NYS learning standards for integration of technology within their classroom.

- The Technology Integration Specialist will provide teachers with the NYS Learning Standards as it correlates to their subject area and Technology.
- The Technology Integration Specialist will provide instruction on specific uses within the classroom.
- The Technology Integration Specialist will give handouts as information is obtained relating to each subject area.

- Professional development courses will be offered which relate to NYS Learning standards Technology Integration.

**Assessment:**

- School administrators will determine the use of incorporating NYS Learning Standards within the classroom.
- School administrators will make recommendations to the teachers if they feel the NYS Learning Standards are not being followed or need improvement within their APPR.

3. Library services as it relates to technology and communication will continue to be kept up to date with current area district standards.

- The RONCO/RANGER system will be evaluated yearly by Librarians and provide an update to the technology committee regarding its status.
- Library computer equipment will be kept current and updated every 4-5 years.
- Additional equipment provided for teachers and students such as scanners, digital cameras, projection equipment, and scan converters will be purchased over the next 2-3 years.
- Online database services will continue to be utilized within the library and will provide students and staff access from home via outside login and passwords. Money from the library and technology budget will be used for these purchases.
- Librarians will keep track of signed Acceptable Use Policies for students.

**Assessment:**

- Online database services will be evaluated each year to determine cost effectiveness and use by staff and students.
- Equipment will be evaluated on a yearly basis as to condition and usefulness.
- Library Personnel will work directly with the Technology Integration Specialist keeping up to date on technology and communication service ideas. Yearly evaluation of services will take place.

4. Infrastructure and Network services to be evaluated yearly by technology staff.

- Size, out datedness, effectiveness of all infrastructure and network services will go through a yearly evaluation by technology staff and BOCES.
- Technology committee and Board of Education will be updated on any changes needed.

**Assessment:**

- Yearly inventory of equipment and evaluation by Technology staff.

5. Continue to improve the Internet connection speed within the district.

- Evaluate options for getting a high-speed connection for the KCS district.
- Work with local school districts in sharing the cost.

**Assessment:**

- Technology Department will keep track of Internet usage yearly and report results to Technology Committee and Board of Education.
- Determine grant options that would provide financial support for improving Internet connectivity.
- Assess teacher and student usage and their input on the response time for Internet usage.

6. The KCS web site will be updated and provide use for students, parents and staff.

**Assessment:**

- A sampling of Parents, Community Members, Teachers, and Staff will get to evaluate the usefulness and ease of the Web site yearly.
- Teachers will have input into what remains on the site and what needs to be added.
- Teacher web pages will be purchased through a separate program and connected through the KCS web site.

7. Develop a thorough inventory of all equipment in the district.

- Create a database for inventory
- Create priority reports from the inventory list

**Assessment:**

- Each year take a thorough inventory by December of that school year.

8. Technology committee will meet on a regular basis to make improvements to the plan as necessary.

- Technology committee meetings will be conducted 3 times a year unless an ongoing technology project requires more regular meetings from the committee.
- Technology staff will keep the technology committee up-to-date on current technology in place.
- Technology staff and committee will continue to educate themselves on current technology through presentations from field trips, sales presentations, internal technology staff presentations, professionals in the industry, and other area schools.
- Evaluation of services will be based on current technology, outdated support of current technology, needs of students and staff, and comparison to area schools and businesses.

**Assessment:**

- The above procedures will be evaluated and improved where necessary as recommended by the technology committee on a yearly basis.
- Yearly evaluation and assessment of the technology plan will be conducted by the technology committee.

9. Every student will have the opportunity to use learning technologies to access and analyze information in ways that develop higher order thinking skills, increase their ability to use technology as a tool in solving problems, and support their confident use of the technology skills they will need for success in their future study and employment.

- Kendall Central School District will equitably allocate fiscal, staff and professional development resources to ensure that the acquisition, maintenance and use of high quality learning technologies support all students in achieving New York State and Federal technology standards.

**Assessment:**

- The Professional Development plan will be evaluated yearly to make sure adequate and relative training is taking place.
- The Technology Integration Specialist will assess technology integration with teachers and assist in any changes that could be made to improve their training to meet NYS and Federal technology standards.
- Administration will evaluate during teacher observation and staff evaluation.

10. Every teacher will meet technology competency standards that ensure their ability to use learning technologies effectively in supporting student achievement of the New York State Learning Standards.

- Kendall Central School District will allocate sufficient professional development resources to ensure that all teachers are adequately supported with the resources and skills they need to confidently integrate high quality learning technologies into curricula and instruction.
- Kendall Central School District applications for technology funds will describe appropriate professional development activities for integrating technology into curricula and instruction through ongoing, sustained, intensive and high-quality professional development.
- Kendall Central School District's teacher preparation program will provide new teachers with adequate instruction, including modeling, for integrating technology into the delivery of K-12 curricula and instruction, to ensure that all graduates will be capable of meeting teacher technology standards identified.

**Assessment:**

- Kendall Central School District will develop appropriate processes and evaluation measures to ensure that all teachers meet the technology standards identified above.
- Yearly evaluation and analysis of the teacher mentoring program by new teachers, administration, BOCES #2 and mentors.

11. Every administrator will be technologically literate; will provide leadership in integrating technology into curricula, instruction, and student learning activities; and will have access to technology resources that support them in developing management systems and in creating a school climate and culture that results in high student achievement for all population groups.

- Kendall Central School District will allocate sufficient professional development resources to ensure that all teachers are adequately supported with the resources and skills they need to confidently integrate high quality learning technologies into curriculum and instruction.
- Kendall Central School District's applications for technology funds will describe appropriate professional development activities for integrating technology into curricula and instruction through ongoing, sustained, intensive and high-quality professional development.

**Assessment:**

- Kendall Central School District will develop appropriate processes and evaluation measures to ensure that all students and teachers meet the technology standards.
- Kendall Central School District will use student and other local teaching and learning data to inform curricula and instruction.

12. In order to support parents in monitoring and reinforcing the instruction their child receives at school, parents will have the opportunity to access web-based information about their children's learning environment, climate, and outcomes, as well as a wide range of student activities that can help them to assist their children at home.

- Kendall Central School District will incorporate plans to engage parents through the development of electronic school-parent-community communications mechanisms, including the provision of such information as students' course-taking options, curriculum, assignments, learning standards and assessments, teacher credentials, and other factors that impact children's learning opportunities, learning climate, and learning outcomes.

**Assessment:**

- Yearly questionnaire provided to parents asking specified questions regarding the Districts effectiveness of electric communication.

13. Kendall Central School district will develop, implement, and evaluate a plan for technology use that a) supports the achievement of high performance standards, including those for technology literacy, by all students, teachers, and other education professionals; b) includes Federally mandated protection from inappropriate materials; and c) ensures that every classroom, computer lab, and school library media center is an electronic doorway library with Internet access, library and other electronic content, and training in the use of technology.
- Kendall Central School, in accordance with NCLB Section 2414, will submit to the State an updated local long-range strategic educational technology plan consistent with the objectives of the statewide educational technology plan.
  - Kendall Central School District and BOCES will collaboratively ensure that district technology plans are consistent with Chapter 793 plans.
  - Kendall Central School District's technology plan will be based on a needs assessment that a) incorporates disaggregated data; b) is focused on ensuring that all students have the opportunity to meet New York State technology standards; and c) involves classroom teachers and school library media specialists in the development of such plans.
  - Kendall Central School District's technology plan will demonstrate how planned technology uses will support all students in achieving New York State technology standards.
  - Kendall Central School District's professional development for integrating technologies into curriculum and instruction will be high quality, intensive and sustained.
  - Kendall Central School District's technology plan will ensure that allocation of technology resources, including software and hardware acquisition and maintenance, and teacher and administrator professional development, is focused on any high need/low resource schools within that district.
  - Kendall Central School District's technology plan will focus on providing equitable technology access for all students for the purposes of a) ensuring equity in students' learning opportunities, climate and outcomes, and b) eliminating discrepancies between buildings and population groups.
  - Kendall Central School Districts technology plan will have in place a policy of Internet safety for minors that includes the operation of a technology protection measure for any of its computers with Internet access that protects against access to visual depictions that are obscene, child pornography, or harmful to minors; and will ensure that such technology protection is enforced during any use of such computers by minors. Further, similar protection against visual depictions that are obscene, or child pornography, must be ensured for such computers even when used by adults.
  - Kendall Central School District's technology plan will include strategies to ensure that all school library media programs achieve electronic doorway library status.

14. The District's reoccurring services include Local and Long Distance access, Internet access, Cellular and Paging services and leased inter-school Digital Transport service. With respect to Local and Long Distance access, Internet access and leased inter-school Digital Transport service the capacity of these services is fixed, (i.e. a PRI with 23 voice paths, Internet access with 1 gigabit bandwidth or DTS at 100 mb/s bandwidth, etc.). At this writing the current capacities of each of these services are adequate for the current enrollment and curriculum-based use.

Cellular and Paging services within the District are limited to faculty and administration. At this time the quantity of cellular and paging services is appropriate based on need. It is likely the district may require 25 additional cellular accounts over the term of this Technology plan. No increase in paging accounts is foreseen at this time. The District is also considering upgrading a subset of cellular accounts for e-mail, messaging and Internet access capability. This initiative will be implemented on an as needed.

The District also utilizes the services of outside organizations both vendors and BOCES to maintain its voice and data networks. These costs with the exception of BOCES charges fall under the E-Rate category of "Basic Maintenance of Internal Connections". As staff headcount constraints are likely to be continued, the District envisions that these services will continue to be provided by outside organizations as opposed to "in sourcing" these activities.

The District's reoccurring services include Local and Long Distance access, Internet access, Cellular and Paging services and leased inter-school Digital Transport service. With respect to Local and Long Distance access, Internet access and leased inter-school Digital Transport service the capacity of these services is fixed, (i.e. a PRI with 23 voice paths, Internet access with 1 gigabit bandwidth or DTS at 100 mb/s bandwidth, etc.). At this writing the current capacities of each of these services are adequate for the current enrollment and curriculum-based use.

Variations in enrollment and typical changes in curriculum-based usage of these services have a very modest effect on the sizing of such services. So much so, that the District evaluates and augments reoccurring services on an annual basis. Current usage does not portend increasing or decreasing Local and Long Distance access, Internet access and leased inter-school Digital Transport Service. Conversely, the introduction of new programs, automation initiatives and major changes in curriculum or hardware may require additions to current capacity. The District will continue to evaluate activities that would require additional Local and Long Distance access, Internet access and leased inter-school Digital Transport Service and make recommendations for purchasing to the technology committee.