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# Fair Lawn Schools Tech Plan

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Tech Plan creation date:  
Written April 1, 2013;  
covering school years  
2013-16

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Presented by:  
The Fair Lawn Schools  
Technology Committee

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**Appendix A (BOE Approval – pending April 25, 2013)**

# Stakeholder Sample Table

Stakeholder Table		
Title	Name	Signature
Superintendent	Bruce Watson	
Asst. Superintendent	Natalie Lacatena	
Principal	Joe Fulco	
Network Administrator	Jack Ma	
Dir. of Technology Training	Kathy Sobeck	
Curriculum Director/ Curriculum Committee Member	Ron Mezzadri	
Teacher	Brenna Bohny Debbie San Julian Claudia Leon Andy Temme Jennifer Squilacci	
Special Education Teacher	Michele Perino	
Library Media Specialist	Miriam Parkinson	
Board Member	Michael Rosenberg	
Parent/Community Member	Christine Morrison	

## TECHNOLOGY INVENTORY:

Describe the technology inventory needed to improve student academic achievement in the 2013-2014 school year that informs the basis for the Form 470. Include in the description the internal connections and basic maintenance for 12 months of the e-rate funded year, such as the following areas:

- Technology equipment including assistive technologies
- Networking capacity
- Filtering method
- Software used for curricular support and filtering
- Technology maintenance and support
- Telecommunications equipment and services
- Other services

The Fair Lawn School District supports 1,845 computers of which 1,691 are considered by the state to be multimedia computers. All of the 1845 computers are connected to the network and have Internet access.

The district currently has 300 Smart Boards installed; in the past 3 years, we have added 89 Smartboards throughout the district, and provided support to each user. All of the elementary schools have web cameras installed in the computer lab to facilitate web conferencing.

The District's WAN currently connects 11 buildings; 6 elementary schools, 2 middle schools, the high school, and administrative office/special education complex and the Building and Grounds Department. All educational buildings are interconnected by a fiber optics network provided by Verizon's Transparent LAN Service. Each site, with the exception of the High School, Edison and Thomas Jefferson and Memorial Middle Schools has a 100 mbps connecting to a core switch at the Verizon's central office located on Fair Lawn Ave. The High School, Edison school and the two middle schools have a 1000 mbps connection to the Verizon TLS network connections.

The High School has a 50 mbps internet connection through Lightpath which provides 4 TI/PRI voice connections and internet access for the whole district. Each building is serviced by a LAN which is built on a Cisco infrastructure consisting of Catalyst switches and 1 Gbps fiber trunk links. The District directory database is supported by three Microsoft Active Directory domains. These domains reside on 3 domain controllers and are backed up by 3 replication domain controllers, for fault tolerance. Each elementary school has a file server on location to serve the students and faculty at that school. The middle schools and high school have larger SAN (Storage Area Network) style servers to accommodate personal network storage for every teacher and student. The District recently completed the installation of Wi-Fi wireless access system throughout 10 school buildings providing wireless access for all students and staff.

The district controls data flowing in and out of the network by using a Cisco ASA5540 firewall. All inbound traffic is blocked by the firewall unless it is on a specified and secured allow list. All web traffic is routed through a Sophos internet security appliance which functions as a proxy

server and performs internet content filtering. The District also has an anti-virus server which automatically checks computer security and installs software updates.

The District supports both internally and externally accessible services to enhance the communications between teachers, students and parents. The District has an Exchange 2003 email server which can be accessed via web interface from inside and outside of the district. An internal (Intranet) web server is available for download of forms, calendars, policy documents and also supports the Technology Department's electronic help desk system. Finally, the District has a remote access Microsoft Terminal Server available to teachers and faculty to work from outside the district.

The District employs four positions in support of technology. They are: a Director of Training; a District Technology Director; and two System Support Analysts. Nearly all of the computer and infrastructure maintenance is accomplished by this staff. Third parties are used for security camera installations and repairs, and warranty service on computers and switches.

# Inventory Table

Three-Year Educational Technology Plan Inventory Table			
Area of Need	Describe for erate funded year 1 2013-2014	Describe for erate funded year 2 2014-2015	Describe for erate funded year 3 2015-2016
Technology Equipment including Assistive Technologies	<p>Replace Smartboards, Smart Slates and Projectors to replace aging inventory</p> <p>Replace PCs, Printers, Scanners and 1/3 laptop inventory with updated technology</p> <p>Expand use of hand held devices, as needed</p>	<p>Replace Smartboards, Smart Slates and Projectors to replace aging inventory</p> <p>Replace PCs, Printers, Scanners and second 1/3 laptop inventory with updated technology</p> <p>Expand use of hand held devices, as needed</p>	<p>Replace Smartboards, Smart Slates and Projectors to replace aging inventory</p> <p>Replace PCs, Printers, Scanners and final 1/3 laptop inventory with updated technology</p> <p>Expand use of hand held devices, as needed</p>
Networking Capacity	<p><b>Data Switches:</b> Replace/upgrade (1/3 inventory)</p> <p><b>Internet speed:</b> Increase from 50 mbps to 100 mbps</p> <p><b>Wireless:</b> Begin upgrade of Elementary Wireless capabilities</p> <p>Maintain capacity of 1000 mbps at HS Edison, and Middle Schools</p>	<p><b>Data Switches:</b> Replace/upgrade (1/3 inventory)</p> <p><b>Internet speed:</b> Maintain 100 mbps.</p> <p><b>Wireless:</b> Complete upgrade of elementary capacity from 100 to 1000 mbps</p> <p>Assess and upgrade Middle/HS capabilities as needed</p>	<p><b>Data Switches:</b> Replace/upgrade (1/3 inventory)</p> <p><b>Internet speed:</b> Increase to meet current need</p> <p><b>Wireless:</b> Assess and upgrade Elementary/ Middle/HS capabilities as needed</p>
Filtering Method	Maintain Content filter (Sophos) proxy server for district	Maintain Content filter (Sophos) proxy server for district	Maintain Content filter (Sophos) proxy server for district

<p>Software used for curricular support and filtering</p>	<p>Update versions of currently licensed titles Content specific software and web based tools and textbooks Software in support of district goals &amp; CCSS</p>	<p>Update versions of currently licensed titles Content specific software and web based tools and textbooks Software in support of district goals &amp; CCSS</p>	<p>Update versions of currently licensed titles Content specific software and web based tools and textbooks Software in support of district goals &amp; CCSS</p>
<p>Technical Support</p>	<p>Add additional Support personnel to Technology Dept Provide PD opportunities for Technical Staff</p>	<p>Maintain current levels of tech support, with supplemental coverage from 3rd party, as needed Provide PD opportunities for Technical Staff</p>	<p>Maintain current levels of tech support, with supplemental coverage from 3rd party, as needed Provide PD opportunities for Technical Staff</p>
<p>Technical Maintenance</p>	<p>Purchase computers and servers with 3 yr service agreements Purchase and maintain contracts for the following: VMware server, EMC network storage, Sophos Internet content filter, antivirus and email spam Verizon maintenance agreement on TLS circuit. Maintain server contract for Destiny and Genesis. Maintain Oracle database needed for Genesis server</p>	<p>Purchase computers and servers with 3 yr service agreements Purchase and maintain contracts for the following: VMware server, EMC network storage, Sophos Internet content filter, antivirus and email spam Verizon maintenance agreement on TLS circuit. Maintain server contract for Destiny and Genesis Maintain Oracle database needed for Genesis server</p>	<p>Purchase computers and servers with 3 yr service agreements. Purchase and maintain contracts for the following: VMware server, EMC network storage, Sophos Internet content filter, antivirus and email spam Verizon maintenance agreement on TLS circuit Maintain server contract for Destiny and Genesis Maintain Oracle database needed for Genesis server</p>

<p>Telecommunications equipment and services</p>	<p>Continue to explore and monitor viability of using online communication and web conferencing.</p>	<p>Continue to explore and monitor viability of using online communication and web conferencing; install equipment and train, if necessary.</p>	<p>Continue to explore and monitor viability of using online communication and web conferencing; install equipment and train, if necessary.</p>
<p>Other Services: Parent Communication, Library Services</p>	<p>Maintain online communication tool with SchoolWires (school website) and Genesis Parent portal. Increase Media Specialist personnel at Middle School. Maintain Destiny Follett Library management systems in all district schools.</p>	<p>Maintain online communication tool with SchoolWires (school website) and Genesis Parent portal. Maintain Destiny Follett Library management systems in all district schools.</p>	<p>Maintain online communication tool with SchoolWires (school website) and Genesis Parent portal. Maintain Destiny Follett Library management systems in all district schools. Explore possibility of adding additional Media Specialist.</p>



## **NEEDS ASSESSMENT:**

**Describe the needs assessment process that was used to identify the necessary telecommunication services, hardware, software, and other services to improve education.**

Assessment of technology needs is completed in a variety of ways in the Fair Lawn School District.

- All teachers are surveyed annually, via an online Google Form, to ascertain their self-perceived level of technological proficiency. Within this survey, teachers and staff are further given the opportunity to express their perceived training needs in the area of technological integration. Information regarding teachers' desire to learn about and participate in various technological programs is also collected.
- Staff members are also surveyed informally by their principals and supervisors throughout the year via observations, and through discussions at faculty and department meetings.
- Changes in curriculum (i.e., the implementation of the new Common Core State Standards) may also necessitate needs and updates in technology.
- The Director of Training and the Director of Technology meet throughout the year to discuss the current status of the district's infrastructure and develop possible future directions.

Results of the above measures are shared with Central Office staff, including members of the Technology Department, to determine future purchasing needs and plan Professional Development opportunities.

Survey results indicate that our staff continues to grow in the area of technology integration. Therefore, we will continue to provide staff with professional development to advance their technology integration and application skills. As social media and various web based applications are further integrated into the classroom, there is a need to continuously provide professional development to allow staff to remain current with these educational technology trends. We are finding, though, that as more teachers incorporate the new educational technology into their classroom instruction, our current hardware is not sufficient to handle these new demands.

This year, Fair Lawn changed its web hosting service from Edline to School Wires. This enables the teachers to enhance their communication with students and parents, as well as incorporate various web tools into their instruction (e.g. blogs). School Wires also has the ability to utilize RSS feeds and other features, but the district has not yet begun to use them.

## **THREE-YEAR GOALS:**

List clear goals for 2013-2016 that address district needs. There must be strong connections between the proposed physical infrastructure (bandwidth, cabling, electrical systems, networks) and goals. Include goals for using telecommunications and technology that support 21<sup>st</sup> century learning communities.

### **2013-2016 Goals:**

- 1) Provide technical and professional support to faculty and staff**
  - a. Provide differentiated levels of PD for technology implementation
  - b. Expand the use of the student management tools and systems to enhance productivity
  - c. Continuously prepare staff to be digital citizens
- 2) Integrate technology into instructional practices**
  - a. Use current and emerging technologies to expand students' educational experiences, including assistive technology
  - b. Prepare students to be digital citizens
- 3) Prepare for online testing (state testing)**
  - a. Expand opportunities for students to do screen-based reading
  - b. Increase online assessment opportunities in the classroom
- 4) Maintain district technologies**
  - a. Continue to update the infrastructure needed to support technology integration throughout the district
  - b. Provide essential hardware and software, including assistive technology
  - c. Augment technology support personnel to maintain hardware, software, and network infrastructure

## **THREE-YEAR IMPLEMENTATION AND STRATEGIES TABLE:**

Describe the realistic implementation strategies to improve education. Include in the description the timeline, person responsible and documentation (or evidence) that will prove the activity occurred. Address only 'a' and 'b' below to meet e-rate requirements. Address all areas below to continue planning for a technology-rich learning environment.

- a. telecommunications,
- b. information technology,
- c. educational technology (including assistive technologies), and
- d. student technology readiness in preparation for online testing in 2014-1015.

*PLEASE SEE NEXT PAGE FOR THREE-YEAR IMPLEMENTATION ACTIVITY TABLE*

**District/Nonpublic School/ Charter School  
Three-Year Educational Technology Plan Checklist**

**Three-Year Implementation Activity Table**

<b>Three-Year Technology Implementation Activity Table</b>				
District Goal and Objective	Strategy/Activity	Timeline	Person Responsible	Documentation
1a.1	<p>Provide time for professional development, to enhance the use of Smartboards, Online subscriptions/texts, curriculum software, library information systems, student information systems (Genesis), through the following opportunities:</p> <p>New Teacher Orientation</p> <p>Small Group Instruction</p> <p>Turnkey instruction</p> <p>Webinars</p> <p>PD workshops (in &amp; out of district)</p> <p>Screencasts (district created, and others)</p>	Ongoing	Director of Training, Principals, Supervisors, Asst. Superintendent, Librarians, Specialists, Technology Facilitators (teachers)	Surveys, Conference Summary Forms, Meeting Agendas, PLC reports
1b.1	<p>Explore and evaluate current tools and features of the SIS (Genesis) and WebHost (SchoolWires)</p>	Ongoing	Director of Training, Webmasters, District Data Coordinator, Literacy and Math Specialists	Documentation logs (meetings, webinars, release notes)

1b.2	Implement selected tools in targeted areas	Ongoing	Director of Training, Principals, District Data Coordinator, Supervisors, Asst. Superintendent, Librarians, Specialists, Technology Facilitators (teachers)	Observation log, Reports, Lesson Plans,
1b.3	Maintain and update library management hardware and software	Ongoing	Director of Technology, Librarians	Eticket, email log
1c.1	Develop and conduct district level staff training on digital citizenship	Ongoing	Director of Training, Librarians	Training Plan
1c.2	Develop parameters for staff to evaluate appropriate use of various 21 <sup>st</sup> century tools	Ongoing	Director of Training, Librarians	Evaluation Rubric
2a.1	Develop and integrate web based activities into current curriculum, e.g. Google apps for education program	Ongoing	Principals, Supervisors, Google Apps Coordinator, Teacher, Director of Training	Lesson Plans
2a.2	Integrate software packages and use of assistive technology devices into curriculum	Ongoing	Principals, Supervisors, Director of Training Director of Special Service	Lesson Plans
2a.3	Offer integration technology workshops to staff, including Special Education staff, in and out of district	Ongoing	Director of Training, Director of Special Service, Principals, District Data Coordinator, Supervisors, Asst. Superintendent, Librarians, Specialists, Technology Facilitators (teachers)	Surveys, Conference Summary Forms, Meeting Agendas
2a.4	Structure time for software and web based tool evaluation	Ongoing	Director of Training, Principals, Specialists, Supervisors, Librarians	Software/Web Tool Evaluations, Meeting Agendas

2b.1	Develop cohesive curriculum to address students' digital citizenship	2013-14	Director of Training, Principals, Specialists, Supervisors, Librarians Teachers	Technology Proficiency Assessment, Curriculum
2b.2	Provide opportunities for students to apply technology in a safe digital environment	Ongoing	Director of Training, Principals, Specialists, Supervisors, Librarians, Teachers	Lesson Plans, Permission Slip
2b.3	Develop implementation guidelines for grade appropriate introduction of technology skills (K-12)	2013-14	Director of Training, Principals, Specialists, Supervisors, Librarians, Technology Facilitators	Technology Skills Map
3a.1	Utilize Google forms, Senteo, Raz-Kids, IXL and other interactive tools to assess students at the classroom level	Ongoing	Director of Training, Principals, Specialists, Supervisors, Google App Administrator	Google spreadsheets, Confirmation emails, Assessments
3a.2	Develop and administer pre and post online assessments in various curricular areas	Ongoing	Specialists, Supervisors, Principals	Assessments, Assessment data
4a.1	Ongoing evaluation, purchase and installation of necessary equipment to support the infrastructure for current technology needs	Ongoing	Director of Technology, IT staff, Director of Training, Principals, Supervisors, Board of Education	Purchase orders, Etickets, Budget document
4a.2	Implement and assess new technology management system	2013-14	Director of Technology, Asst. Superintendent, Business Administrator	Tech Dept Activity Log, Activity Report
4a.3	Expand the infrastructure to support future initiatives of emerging technologies	Ongoing	Director of Technology, IT staff, Board of Education	Purchase orders, Etickets, Budget document

4b.1	Identify and install essential hardware, software and assistive technologies	Ongoing	Director of Technology, IT staff, Director of Training, Director of Special Education, Assistive Technology Committee	Purchase orders, Etickets, Meeting agendas
4b.2	Create a District Assistive Technology committee to oversee the appropriate implementation and use of assistive technology	2013-14	Director of Training, Director of Special Education, Asst. Director of Special Education, Coordinator of Stepping Stones, Asst. Superintendent	Meeting agendas
4b.3	Train appropriate personnel in the determination of the suitability of Assistive Technology	Ongoing	Director of Training, Assistive Technology Committee	Meeting Agendas, Training Logs
4c.1	Utilize the need for additional technology support staff	Ongoing	Director of Technology, Business Administrator, Assistant Superintendent	ETickets
4c.2	Provide professional development opportunities for Technology Department staff	Ongoing	Director of Technology, Business Administrator	Certifications, CE credits and in-service logs

## PROFESSIONAL DEVELOPMENT STRATEGIES:

Describe the planned professional development strategies by addressing each of the following questions:

- **How will ongoing, sustained professional development be provided to all educators, (including administrators) that increases effective use of technology in all learning environments, models 21<sup>st</sup> century skills, and demonstrate learning experiences through global outreach and collaboration in the classroom or library media center?**

There are a variety of venues used to provide professional development to all educators. These include, but are not limited to: New Teacher Orientation; faculty and department meetings; district in-service days conducted by outside consultants as well as the district's own staff; attendance at out of district workshops and conferences; Wiki for new teachers; online asynchronous screen chats; elective workshops to enhance 21<sup>st</sup> century emerging technology skills; and webinars. Additionally, the district trains numerous facilitators and cadres of teachers (at all school levels) to assist the Director of Training with the implementation of our professional development workshops.

District administrators have additional opportunities for professional development during Administrative Team meetings, Supervisor and Principal meetings, and the Administrator Retreat. Many administrators have also included "enhanced technology skills" as a professional development goal in their individual Professional Growth Plans.

All district initiatives are supported by local funds and the NCLB grant. New opportunities are being presented for professional development within the district, including but not limited to a Wiki for new teachers, online asynchronous screen chats and elective workshops to enhance 21<sup>st</sup> century emerging technology skills. We will continue to explore new technologies as a way to enhance the instructional environment of the classroom.

- **What professional development opportunities, resources and support (online or in person) exist for technical staff?**

All technical staff are encouraged to participate in workshops, attend conferences and gain additional certifications that advance their knowledge within the field of technology. Fees (if applicable) are paid for by the school district, and time is given to the technical staff to attend. They attend webinars as appropriate to meet their needs and learn new technologies.

- **How will professional development be provided to educators on the application of assistive technologies to support educating all students?**

Assistive technology is typically mandated by an individual student's IEP to provide support, especially in literacy and mathematics, for students with disabilities. A committee will be formed to review the tools being used in the district and to identify training needs for



teachers. General education teachers, special education teachers, Child Study Team members, and paraprofessionals will be trained so they can effectively implement the technology.

## Professional Development Table

Educators' Proficiency/ Identified Need	Ongoing, sustained, high-quality professional development planned	Support
<b>OASYS</b>	All teachers will receive initial training during faculty and departmental meetings	Ongoing follow up through faculty and department meetings, 1:1 training with pilot teachers upon request
<b>New Teacher Training</b>	New teacher orientation offered to all new staff members, during 4 days prior to start of school	Ongoing follow up, Workshop opportunities, 1:1 training upon request and through department meetings
<b>Google Apps</b>	New cohort of teachers trained during 2 day summer workshop	Quarterly lunch meetings with Google Teachers to review new features and share successful project implementation strategies
<b>Genesis – new features</b>	Online documentation and peer teacher training	Emails distributed to staff as needed, to announce new features. Includes directions for use
<b>Special Ed: Contour Data Tracker and Web Track</b>	New CST and Sp Ed Teachers are trained during a ½ in-district workshop on the use of Tracker and WebTrack. Online documentation and peer teacher training is also available.	Periodic emails from the Director of Training with reminders and tips for use are distributed to appropriate Sp Ed staff throughout the year. Also CST monthly meetings are used to review procedural issues
<b>Smartboard</b>	New teachers and teachers new to the use of Smartboards are trained during ½ day in-district workshop. Online documentation and peer teacher training is also available.	Ongoing follow up available upon request, in-district workshops available for all levels of proficiency offered throughout the year, 1:1 training upon request and through dept meetings to review specific curricular Smartboard applications
<b>Web 2.0 Tools</b>	Online documentation and peer teacher training	Periodic emails from the Director of Training, in-district workshops, 1:1 training upon request and through dept meetings to review specific curricular applications

## **EVALUATION PLAN:**

**Describe the evaluation process that enables the progress and effectiveness of goals to be monitored.**

*Please see Evaluation Plan table on next page for evaluation process utilized to assess progress and effectiveness of goals*

**Describe the process to make mid-course corrections in response to new developments and opportunities as they arise.**

The Assistant Superintendent, Business Administrator, Director of Training and Director of Technology meet regularly throughout the year to assess the status of the Technology Goals.

Annual updates are presented to the Superintendent and Technology Committee of the BOE, indicating status towards attainment of each goal.

Based upon these meetings, changes to our action plan will be made if new developments, issues or opportunities deem it necessary. Discretionary funds are allocated for this purpose. These mid-course corrections will be overseen by the Assistant Superintendent, Business Administrator, Director of Training and Director of Technology.

## Evaluation Plan Table

<b>Educational Technology Plan Evaluation Narrative</b>	
<b>Describe the process to regularly evaluate how...</b>	
<p><i>a. Telecommunication services, hardware, software and other services are improving education.</i></p>	<p>We have expanded the wireless capabilities of the middle and high schools to support a BYOD program, which began its pilot phase in the spring 2013. The impact of the BYOD program will be assessed, in part, through responses to the annual teacher survey.</p> <p>The district network underwent a major upgrade from network servers to end-user workstations, including operating systems and productivity software. Improvements to teacher and student productivity will be evident through a review of the Technology Dept response logs, as well as expanded activities incorporated in lesson plans.</p> <p>We migrated to a new web hosting service, SchoolWires, which is feature-rich in web tools which teachers can utilize to expand the academic environment beyond the walls of the classroom. Again, lesson plans will indicate how teachers are utilizing the various SchoolWires tools.</p> <p>Additionally, teachers are surveyed annually regarding technology integration.</p>
<p><i>b. Effective integration of technology is enabling students to meet challenging state academic standards.</i></p>	<p>Through the district's numerous initiatives in the area of technology (e.g., BYOD, Google Apps, 21<sup>st</sup> Century Skills), we believe that students will benefit academically. It is essential that we help students achieve the new and rigorous Common Core State Standards in all subject areas, and the integration of technology is a critical piece to this endeavor. Technology will be used to support and enhance learning as students learn "from" technology and also "with" technology. Learning "from" computers essentially means that technology is used as a tutor and serves to increase students' basic skills and knowledge. Learning "with" computers entails using technology as a tool that can be applied to a variety of goals in the learning process and that serve as a resource to help develop higher order thinking, creativity and research skills. Collectively, the integration of various technologies in the classrooms will enable students to meet higher levels of achievement as evidenced by scores on state tests and other local measures.</p>

*c. The LEA is meeting the identified goals in the educational technology plan.*

The Assistant Superintendent, Business Administrator, Director of Training and Director of Technology meet regularly throughout the year to assess the status of the Technology Goals.

Annual updates are presented to the Superintendent and Technology Committee of the BOE, indicating status towards attainment of each goal.

## FUNDING PLAN (July 2013 – June 2014):

Provide the anticipated costs for 2013-2014 by source of funds (federal, state, local and other) and include expenses such as hardware/software, digital curricula including NIMAS compliance, upgrades and other services including print media that will be needed to achieve the goals of this plan. Allow specific provisions for interoperability among components of such technologies to successfully achieve the goals of this plan.

Three-Year Educational Technology Plan Anticipated Funding Table (First Year)						
ITEM	DESCRIPTION OF ITEM TO BE PURCHASED	FEDERAL FUNDING	STATE FUNDING	LOCAL FUNDING	MISC. (e.g. Donations, Grants)	COMMENTS
Digital curricula (see <u>NIMAS</u> )						
Print media needed to achieve goals						
Assistive Technology	Ipads and other AT devices			\$21,000		
Technology Equipment	Laptops Printers	0 0	0 0	\$105,000 \$10,000		1/3 of Laptop inventory is replaced annually; printers replaced as needed
Upgrades	Memory in older PCs	0	0	\$10,000		
Network Capacity	Intranet services (Verizon)	0	0	\$180,000		

Wiring & Internet Cabling	CAT5E cable, Connectors	0	0	0	\$28,000		
Internet Voice Bundle	Internet and Voice Package (Optimum)	0	0	0	\$45,105		
Filtering	Sophos	0	0	0	\$45,103 (3 yr contract)		
Software	Windows 7 & Office 2007/2010 District Initiatives Genesis, ISL, Maps101, ContourData, HealthWave, SchoolWires, BrainPop, Follett, Discovery Education	0	0	0	\$111,000  \$99,200		
Maintenance	Server Maintenance and Backup services	0	0	0	\$47,400		EMC storage, Landesk, CSI remote, Genesis backup, Oracle maintenance, VMware server maintenance
Computer/Printer Repair	Warranty services	0	0	0	\$5,800		
Professional Development for Technicians	Ongoing Professional Development required for all Technology Dept staff	0	0	0	\$2,500		

# Fair Lawn Public Schools

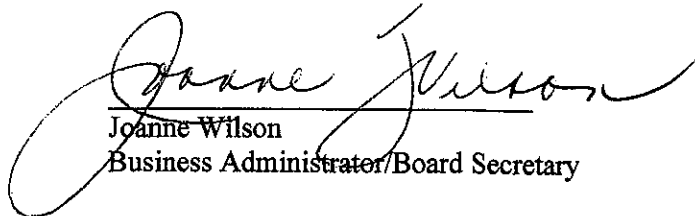
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## Approve District Three Year Technology Plan - 2013-2016

That the Board approve the submission of the District Three Year Technology Plan (2013-2016), as submitted to the County Office, April 4, 2013. A copy is on file in the Office of the Assistant Superintendent.

This is to certify that the motion listed above is a true and accurate copy of such motion as it appeared on the April 25, 2013 Public Board Meeting.



Joanne Wilson  
Business Administrator/Board Secretary