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# Pennsylvania Department of Education

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COMMONWEALTH OF PENNSYLVANIA  
**DEPARTMENT OF EDUCATION**  
333 MARKET STREET  
HARRISBURG, PA 17126-0333

## **Educational Technology Report** Wednesday, August 27, 2008

**Entity:** Richland SD  
**Address:** 340 Theatre Drive  
Johnstown, PA 15904-5370  
**Phone:** (814) 266-6063  
**Contact Name:** Thomas Fleming

### **Core Purpose**

### **Mission**

The Richland School District, striving to be a leader in education, shares the following mission: *To produce responsible contributing citizens who can demonstrate the knowledge and skills necessary to be successful in a changing world. We will accomplish this by providing*

***diverse practical educational opportunities, recognizing each person's self-worth, and developing individual talents and interests.***

## **Vision**

The Richland School District recognizes that the pace of change in our world is placing new and more complex demands on students and effective schools. The vision of an effective school for the 21st century includes a mission statement developed from a set of belief statements that are fundamental to providing a quality education. This district believes:

- Learning is a lifelong process.
- Everyone has the potential to learn.
- Effective learning is achieved through cooperation.
- Experiencing and celebrating success promotes self-confidence.
- Education must inspire mutual respect and compassion.
- The community that invests in education will prosper.
- Accountability in education is essential.
- Innovation and creativity are necessary for individual development.
- Processing information is critical to learning.
- Everyone is important.

## **Shared Values**

1. Learning is a lifelong process.
2. Everyone has the potential to learn.
3. Effective learning is achieved through cooperation.
4. Experiencing and celebrating success promotes self confidence.
5. Education must inspire mutual respect and compassion.
6. The community that invests in education will prosper.
7. Accountability in education is essential.
8. Processing information is critical to learning.
9. Everyone is important.

## **Needs Assessment**

The technology of the Richland School District is designed to enhance the educational experience in all grade levels, disciplines, and programs. Our goal is to create responsible citizens as life-long learners, and to optimize educational opportunities, and particularly in the areas of critical thinking, higher order thinking skills, problem solving abilities. This technology plan, regardless of socioeconomic status will provide resources for academic and support services for our students, faculty, staff, and community. The Richland School District has achieved all technology goals and strategies from our prior technology plan due to the determination and dedication of our technology staff, school administrators, board of directors, faculty and staff, and continued community support.

We believe, with continued support, we will strive towards our future goals. Our technology staff works very hard to make sure the focus on technology impacts the student's educational success at Richland School District. In continuing with our student endeavors, we will strive to attain proficiency in the Pennsylvania Academic Standards using technology as a driving tool. New technology deployment over the last few years has had a great impact on our faculty, parents, and students. We believe that in-servicing, teaching, learning, management, and communications has shown a great impact on our communities' well being at the Richland School District. In the future, we plan to monitor and update our technology at the Richland School District, and provide a technological impact that will benefit our community in this Informational Technology Age.

The Richland School District, striving to be a leader in education, is committed to producing

responsible contributing citizens who can demonstrate the knowledge and skills necessary to be successful in an increasingly complex Informational Technology society. We will accomplish this by providing diverse practical educational opportunities and develop individual talents and interests. The ability to process and manipulate information has become a factor for economic success for students and citizens in this Information Age. Today, the ability to gather and distribute information through electronic communication is vital. Therefore, the technology of the Richland School District is to formulate a technology plan that will enhance the instructional program, maintain community support, produce students who are comfortable using technology, and provide high standards of student achievement based on the Pennsylvania Academic Standards. The Richland School District will continue to evaluate its curriculum instruction and assessment by implementing state-of-the-art technologies. The Technology Plan will affect our students positively and prepare them for tomorrow in this ever changing Information Age.

As being a leading school in technology, the Richland School District annually, in the fall and spring of the year, participate in technology needs assessment through an Information Technology survey. Staff members identify their needs and interests and training sessions are developed to address these identified needs. The teachers are offered yearly opportunities to take professional development in-services, increasing their skills and knowledge in the use of the district technology. Based upon the survey, the monitoring of teaching and instruction appears to decline from staff to parents to students. This will be addressed by using technology to increase communication among all stakeholder and disseminate information.

## Goals and Strategies

### **Goal: Information Technology Services**

*Description:* The school district will provide Information Technology Services to all faculty, staff, and students throughout the school district, as well as, community stake holders.

### **Strategy: Community Communications**

*Description:* Develop and Maintain Communications with our community. The district will enhance communications among parents, administration, students, teachers, and support staff.

*Activities:*

Activity	Description	
GroupWare E-Mail System	The district will establish and utilize an e-mail system to communicate within and among buildings to reduce meeting time and/or print communications. E-Mail addresses will be established and maintained for all professional and support personnel for easy communications world wide. Daily printed materials will be sent to staff (administrative, professional and support) via e-mail.	
Person Responsible	Timeline for Implementation	Resources
Scott D Miller	Start: 8/27/2008 Finish: 5/31/2013	\$20,000.00

Activity	Description	
Online Homework/Lessons	Online Homework/Lessons	
Person Responsible	Timeline for Implementation	Resources
Scott D Miller	Ongoing	\$4,000.00

Activity	Description	
Student Management System	Student Management System	
Person Responsible	Timeline for Implementation	Resources
Scott D Miller	Ongoing	\$4,000.00

Activity	Description	
Web Site Access	The district will develop and maintain a web page with calendar, sporting events, lunch menu, schedules, etc, for the school buildings and district.	
Person Responsible	Timeline for Implementation	Resources
Scott D Miller	Ongoing	\$4,000.00

**Strategy: Community Partners**

*Description:* Provide benefits to the community by driving deployment of new commercial infrastructures and encouraging regional applications of technology.

*Activities:*

Activity	Description	
Community Members	Develop content with at least one community partner(s).	
Person Responsible	Timeline for Implementation	Resources
Scott D Miller	Ongoing	\$0.00

Activity	Description	
Economic Partners	Establish economic development partners for connectivity.	
Person Responsible	Timeline for Implementation	Resources
Scott D Miller	Ongoing	\$0.00

Activity	Description	
Higher Education	Develop content with at least one higher education partner(s).	
Person Responsible	Timeline for Implementation	Resources
Scott D Miller	Ongoing	\$0.00

**Strategy: Computer Leasing**

*Description:* The school district will provide all students with equal access to computers for instructional purposes (including Internet access). All students (including special needs students) will be trained in the effective use of computer systems. All computer systems in the district will be updated so that no computer is more than 3-4 years old.

*Activities:*

Activity	Description
All instructional areas will have	All instructional areas will have at least one computer system

technology.	that is connected to the network and Internet.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$800,000.00

**Strategy: Distance Learning / Remote Services**

*Description:* Provide Remote Support and Explore Distance Learning Possibilities

*Activities:*

Activity	Description	
Setup / Maintain Conference Equipment	Setup / Maintain Conference Equipment	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$20,000.00

Activity	Description	
Video Conferencing Equipment	Video Conferencing Equipment is needed to provide this service	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$40,000.00

Activity	Description	
Web Portals	Develop and maintain a web portal to remotely access a virtual office for our faculty. Develop and maintain a web portal for students to remotely access files on their computers in school and at home. Design and maintain a web portal for to access remote printers within our school system for faculty and staff. Design and maintain a web portal for virtual teacher teams to create, join, and manage teams for sharing files and communications.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$0.00

**Strategy: Incorporate Classroom Technology**

*Description:* All teachers will incorporate the use of technology to achieve the learning objectives in the various curricular areas at all grade levels.

*Activities:*

Activity	Description	
Enhanced Learning Activities	Professional staff will explore, identify, and integrate technology enhanced learning activities to achieve the identified learning objectives.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$20,000.00

Activity	Description	
High Standards	Appropriate software will be acquired to assist in the achievement of the high standards established by district expectations.	
Person Responsible	Timeline for Implementation	Resources
Scott D Miller	Ongoing	\$20,000.00

**Strategy: Instructional Technologies**

*Description:* All faculty and students will utilize developmentally appropriate instructional technologies to improve their curricular areas including reading, writing, mathematics, science, and communication skills.

*Activities:*

Activity	Description	
New Employee Technology Orientation	All new employees shall have the opportunity to take part in technology orientation classes, provided by the district upon their hire.	
Person Responsible	Timeline for Implementation	Resources
Scott D Miller	Ongoing	\$20,000.00

Activity	Description	
Professional Development	Faculty will be provided the opportunity to access more information electronically and to learn to organize, analyze, evaluate, compare, and apply that information to their classrooms.	
Person Responsible	Timeline for Implementation	Resources
Scott D Miller	Ongoing	\$60,000.00

**Strategy: Internet Service**

*Description:* The Richland School District will provide each classroom, office, and locations throughout the buildings with Internet / Network Access.

*Activities:*

Activity	Description	
All Technology will be networked to connect to the Internet	District computers, printers, and other technology equipment will be networked to connect to the Internet Service or ISP.	
Person Responsible	Timeline for Implementation	Resources
Scott D Miller	Ongoing	\$240,000.00

**Strategy: Internet, Intranet, Extranet, Local Area Network, and Wide Area**

*Description:* Create an affordable, high-quality Wide Area Network (WAN) linking schools and IUs, to their member school districts, vocational-technical schools, individual school buildings, and classrooms to each other using high-speed broadband connections.

*Activities:*

<b>Activity</b>	<b>Description</b>	
Effective Use	Effectively use the WAN for providing quality, affordable administrative and educational content directly to faculty, staff, and students.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$0.00

<b>Activity</b>	<b>Description</b>	
Internet Services	Enable affordable bulk Internet delivery. Enable Internet 2 delivery.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$0.00

<b>Activity</b>	<b>Description</b>	
LAN/WAN	Create an affordable, high-quality Wide Area Network (WAN) linking schools and IUs, to their member school districts, vocational-technical schools, individual school buildings, and classrooms to each other using high-speed broadband connections.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$120,000.00

**Strategy: Networking Equipment Leasing**

*Description:* Continue to lease networking equipment for computer systems to connect to the network.

*Activities:*

<b>Activity</b>	<b>Description</b>	
All copper and fiber wiring will support gigabyte speeds.	The Richland School District will strive to maintain all CAT5e, CAT6 Wiring, and Fiber Optic Cables Single and Multimode to support gigabyte speeds for our network and users.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$60,000.00

<b>Activity</b>	<b>Description</b>	
All networking equipment will be state-of-the-art technologies.	Continue to lease networking equipment for computer systems to connect to the STAR topology network. All systems will be state-of-the-art and be apart of the Cisco Systems. Prior to each lease year, will consist of a complete network study of all uses by network users.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$250,000.00

**Strategy: Standard Level of Achievement**

*Description:* The district will establish a technology standard level of achievement, proficiency, and understanding for all staff personnel through ongoing continuing education learning experiences.

*Activities:*

<b>Activity</b>	<b>Description</b>	
Education Learning Experience	The district will provide continuing education learning experiences to enable the staff to meet the established standard.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$20,000.00

<b>Activity</b>	<b>Description</b>	
In House Training	District Technology Staff Members shall conduct trainings and surveys throughout the year for Professional Development.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$20,000.00

<b>Activity</b>	<b>Description</b>	
Professional Development	Staff development opportunities will be provided as appropriate throughout the year.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$0.00

<b>Activity</b>	<b>Description</b>	
Technology Courses	Provide technology courses for faculty and staff internally within our school district.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$20,000.00

<b>Activity</b>	<b>Description</b>	
Training	Provide training to the faculty and staff from experts in a specific technological area when needed.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$20,000.00

**Strategy: Student Software / Curriculum**

*Description:* Technology shall enhance the curriculum in the school environment through software.

*Activities:*

Activity	Description	
Electronic Curriculum Delivery	Purchase and maintain software for the enhancement of curriculum delivery.	
Person Responsible	Timeline for Implementation	Resources
Scott D Miller	Ongoing	\$100,000.00

Activity	Description	
Multimedia Equipment	Technology shall be integrated within the curriculum for multimedia presentations, video presentations, video conferencing, and not limited to future delivery methods. Install projection equipment with audio and video capabilities, in the classroom for the delivery and enhancement of instruction using technology.	
Person Responsible	Timeline for Implementation	Resources
Scott D Miller	Ongoing	\$100,000.00

Activity	Description	
PSSA Software	The Richland School District will Purchase and maintain software for PSSA Remediation and Preparation for all students in the district.	
Person Responsible	Timeline for Implementation	Resources
Scott D Miller	Ongoing	\$60,000.00

Activity	Description	
Student Technology Curriculum	Develop a technology curriculum committee to annually maintain and review current technology enhancements and integrations in the classroom.	
Person Responsible	Timeline for Implementation	Resources
Scott D Miller	Ongoing	\$20,000.00

**Strategy: Technology Committee**

*Description:* A technology committee will meet quarterly to discuss technology needs within the district.

*Activities:*

Activity	Description
Create/Maintain Budget	Create/Maintain Budget for purchasing educational software for students

<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$0.00

<b>Activity</b>	<b>Description</b>	
Inventory	Hardware Inventory will be maintained by an online database used by the technology staff.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$3,600.00

<b>Activity</b>	<b>Description</b>	
Meetings	The technology staff, technology committee, and building level principals will review annual budget requests to ensure hardware purchases keep up with student demands.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$0.00

<b>Activity</b>	<b>Description</b>	
Student Use Software Packages	The technology staff, technology committee, and building level principals will review annual budget requests to ensure student-used software packages will meet the needs of the instructional program. The technology staff will ensure that the network can support selected software purchases.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$0.00

<b>Activity</b>	<b>Description</b>	
Surveys	Electronically survey the faculty and staff to determine the software needs for the next year school year during the budget preparation.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$400.00

**Strategy: Technology Security**

*Description:* Use technology to enhance our security systems and electronically monitor our schools.

*Activities:*

<b>Activity</b>	<b>Description</b>	
Antivirus System	Antivirus System	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$32,000.00

<b>Activity</b>	<b>Description</b>	
Digital Video	Install and Maintain Digital Video Recorders (DVR) to electronically record all video cameras in the school district.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$32,000.00

<b>Activity</b>	<b>Description</b>	
Electronic Key Access	Install electronic key fobs to gain access to our school buildings through determined access points. Maintain and monitor electronic keys given to employees and stake holders to gain access to our school buildings. Build a custom database to track all keys and security devices in the school district.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$0.00

<b>Activity</b>	<b>Description</b>	
Firewall / Web Filtering	Firewall / Web Filtering	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$20,000.00

<b>Activity</b>	<b>Description</b>	
Intrusion Detection System	Intrusion Detection System	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$10,000.00

<b>Activity</b>	<b>Description</b>	
Law Enforcement Access	Allow video operations to be remotely viewed by our local law enforcement either over a secure virtual private network or wireless network. Provide professional development to local law enforcement officers.	

<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$2,000.00

<b>Activity</b>	<b>Description</b>	
Remote Video Operation	Remote operations software of video surveillance network to be installed on local computers.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$4,000.00

<b>Activity</b>	<b>Description</b>	
Remote Wireless Operation	Allow video operations to be remotely viewed on a wireless network inside or outside the school.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$0.00

<b>Activity</b>	<b>Description</b>	
SPAM Filtering Service	Maintain SPAM Filtering software and services to protect our e-mail system against unwanted e-mail solicitations.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$10,000.00

<b>Activity</b>	<b>Description</b>	
Video Surveillance	Install surveillance cameras in our schools to support the technology for video over internet protocol.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$80,000.00

**Strategy: Technology Staff**

*Description:* Maintain effective technology staff members to provide technical support and administration of systems.

*Activities:*

<b>Activity</b>	<b>Description</b>
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Assistant Director of Technology	Assistant Director of Technology	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$158,000.00

<b>Activity</b>	<b>Description</b>	
Conferences / Educational Events	Conferences / Educational Events	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$32,000.00

<b>Activity</b>	<b>Description</b>	
Director of Technology	Director of Technology	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$355,000.00

<b>Activity</b>	<b>Description</b>	
Engineering Technology Consultants	Engineering Technology Consultants	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$40,000.00

<b>Activity</b>	<b>Description</b>	
Helpdesk Manager and Support Technician	Helpdesk Manager and Support Technician	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Scott D Miller	Ongoing	\$146,000.00

## Staff Development

The Strategic Planning Technology Committee, collaborate to provide the administrators, teachers and community members necessary training. Professional development plays an essential role in successful education. Access for all educators to such professional development opportunities is imperative. High-quality professional development incorporate the following principles:

- focuses on teachers to student learning, yet includes all other members of the school community;
- focuses on individual and organizational improvement;
- respects and nurtures the intellectual and leadership capacity of teachers, principals, and others in the school community;
- reflects best available research and practice in teaching, learning, and leadership;

- enables teachers to develop further expertise in subject content, teaching strategies, uses of technologies, and other essential elements in teaching to high standards.

The district Professional Development Committee determines professional development needs using survey results from teachers, administrators and district staff. The committee facilitates the resources, strategies, and activities based on best practices and needs. During short Fridays, specific lessons will be expressed to teachers on technology activities. Faculty and staff have opportunities to attend in house training as well as off site.

Classes and seminars are available on an ongoing basis on the use of distance learning delivery systems, Moodle Systems, student management system (PowerSchool) use of classroom technology and projectors. Faculty is given opportunities to work with colleagues in the technology writing labs and libraries.

## Budget

### Summary: Potential Funding Distribution

Funding Source	2009-2010	2010-2011	2011-2012	Total
010 - ADMINISTRATIVE BUDGET	\$700,500.00	\$708,500.00	\$716,500.00	\$2,125,500.00
<b>TOTAL</b>	<b>\$700,500.00</b>	<b>\$708,500.00</b>	<b>\$716,500.00</b>	<b>\$2,125,500.00</b>

### Goal: Information Technology Services

The school district will provide Information Technology Services to all faculty, staff, and students throughout the school district, as well as, community stake holders.

Community Communications	2009-2010	2010-2011	2011-2012	Total	Funding Source
GroupWare E-Mail System	\$5,000.00	\$5,000.00	\$5,000.00	\$15,000.00	010 - ADMINISTRATIVE BUDGET
Online Homework/Lessons	\$1,000.00	\$1,000.00	\$1,000.00	\$3,000.00	010 - ADMINISTRATIVE BUDGET
Student Management System	\$1,000.00	\$1,000.00	\$1,000.00	\$3,000.00	010 - ADMINISTRATIVE BUDGET
Web Site Access	\$1,000.00	\$1,000.00	\$1,000.00	\$3,000.00	010 - ADMINISTRATIVE BUDGET

Computer Leasing	2009-2010	2010-2011	2011-2012	Total	Funding Source
All instructional areas will have technology.	\$200,000.00	\$200,000.00	\$200,000.00	\$600,000.00	010 - ADMINISTRATIVE BUDGET

Distance Learning / Remote Services	2009-2010	2010-2011	2011-2012	Total	Funding Source
Setup / Maintain Conference Equipment	\$5,000.00	\$5,000.00	\$5,000.00	\$15,000.00	010 - ADMINISTRATIVE BUDGET

Video Conferencing Equipment	\$10,000.00	\$10,000.00	\$10,000.00	\$30,000.00	010 - ADMINISTRATIVE BUDGET
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<b>Incorporate Classroom Technology</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>	<b>Total</b>	<b>Funding Source</b>
Enhanced Learning Activities	\$5,000.00	\$5,000.00	\$5,000.00	\$15,000.00	010 - ADMINISTRATIVE BUDGET
High Standards	\$5,000.00	\$5,000.00	\$5,000.00	\$15,000.00	010 - ADMINISTRATIVE BUDGET

<b>Instructional Technologies</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>	<b>Total</b>	<b>Funding Source</b>
New Employee Technology Orientation	\$5,000.00	\$5,000.00	\$5,000.00	\$15,000.00	010 - ADMINISTRATIVE BUDGET
Professional Development	\$15,000.00	\$15,000.00	\$15,000.00	\$45,000.00	010 - ADMINISTRATIVE BUDGET

<b>Internet Service</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>	<b>Total</b>	<b>Funding Source</b>
All Technology will be networked to connect to the Internet	\$60,000.00	\$60,000.00	\$60,000.00	\$180,000.00	010 - ADMINISTRATIVE BUDGET

<b>Internet, Intranet, Extranet, Local Area Network, and Wide Area</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>	<b>Total</b>	<b>Funding Source</b>
LAN/WAN	\$30,000.00	\$30,000.00	\$30,000.00	\$90,000.00	010 - ADMINISTRATIVE BUDGET

<b>Networking Equipment Leasing</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>	<b>Total</b>	<b>Funding Source</b>
All copper and fiber wiring will support gigabyte speeds.	\$15,000.00	\$15,000.00	\$15,000.00	\$45,000.00	010 - ADMINISTRATIVE BUDGET
All networking equipment will be state-of-the-art technologies.	\$50,000.00	\$50,000.00	\$50,000.00	\$150,000.00	010 - ADMINISTRATIVE BUDGET

<b>Standard Level of</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>	<b>Total</b>	<b>Funding Source</b>
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<b>Achievement</b>					
Education Learning Experience	\$5,000.00	\$5,000.00	\$5,000.00	\$15,000.00	010 - ADMINISTRATIVE BUDGET
In House Training	\$5,000.00	\$5,000.00	\$5,000.00	\$15,000.00	010 - ADMINISTRATIVE BUDGET
Technology Courses	\$5,000.00	\$5,000.00	\$5,000.00	\$15,000.00	010 - ADMINISTRATIVE BUDGET
Training	\$5,000.00	\$5,000.00	\$5,000.00	\$15,000.00	010 - ADMINISTRATIVE BUDGET

<b>Student Software / Curriculum</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>	<b>Total</b>	<b>Funding Source</b>
Electronic Curriculum Delivery	\$25,000.00	\$25,000.00	\$25,000.00	\$75,000.00	010 - ADMINISTRATIVE BUDGET
PSSA Software	\$15,000.00	\$15,000.00	\$15,000.00	\$45,000.00	010 - ADMINISTRATIVE BUDGET
Student Technology Curriculum	\$5,000.00	\$5,000.00	\$5,000.00	\$15,000.00	010 - ADMINISTRATIVE BUDGET

<b>Technology Committee</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>	<b>Total</b>	<b>Funding Source</b>
Inventory	\$900.00	\$900.00	\$900.00	\$2,700.00	010 - ADMINISTRATIVE BUDGET
Surveys	\$100.00	\$100.00	\$100.00	\$300.00	010 - ADMINISTRATIVE BUDGET

<b>Technology Security</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>2011-2012</b>	<b>Total</b>	<b>Funding Source</b>
Antivirus System	\$8,000.00	\$8,000.00	\$8,000.00	\$24,000.00	010 - ADMINISTRATIVE BUDGET
Digital Video	\$8,000.00	\$8,000.00	\$8,000.00	\$24,000.00	010 - ADMINISTRATIVE BUDGET
Firewall / Web Filtering	\$5,000.00	\$5,000.00	\$5,000.00	\$15,000.00	010 - ADMINISTRATIVE BUDGET
Intrusion Detection System	\$2,500.00	\$2,500.00	\$2,500.00	\$7,500.00	010 - ADMINISTRATIVE BUDGET

Law Enforcement Access	\$500.00	\$500.00	\$500.00	\$1,500.00	010 - ADMINISTRATIVE BUDGET
Remote Video Operation	\$1,000.00	\$1,000.00	\$1,000.00	\$3,000.00	010 - ADMINISTRATIVE BUDGET
SPAM Filtering Service	\$2,500.00	\$2,500.00	\$2,500.00	\$7,500.00	010 - ADMINISTRATIVE BUDGET
Video Surveillance	\$20,000.00	\$20,000.00	\$20,000.00	\$60,000.00	010 - ADMINISTRATIVE BUDGET

Technology Staff	2009-2010	2010-2011	2011-2012	Total	Funding Source
Assistant Director of Technology	\$38,000.00	\$41,000.00	\$44,000.00	\$123,000.00	010 - ADMINISTRATIVE BUDGET
Conferences / Educational Events	\$8,000.00	\$8,000.00	\$8,000.00	\$24,000.00	010 - ADMINISTRATIVE BUDGET
Director of Technology	\$88,000.00	\$90,000.00	\$92,000.00	\$270,000.00	010 - ADMINISTRATIVE BUDGET
Engineering Technology Consultants	\$10,000.00	\$10,000.00	\$10,000.00	\$30,000.00	010 - ADMINISTRATIVE BUDGET
Helpdesk Manager and Support Technician	\$35,000.00	\$38,000.00	\$41,000.00	\$114,000.00	010 - ADMINISTRATIVE BUDGET

<b>TOTAL</b>	<b>\$700,500.00</b>	<b>\$708,500.00</b>	<b>\$716,500.00</b>	<b>\$2,125,500.00</b>	
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<b>GRAND TOTAL</b>	<b>\$700,500.00</b>	<b>\$708,500.00</b>	<b>\$716,500.00</b>	<b>\$2,125,500.00</b>	
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## Monitoring

Monitoring is the process of reviewing the implementation of the technology plan against our timelines and objectives. The Director of Technology, as well as, building administrators will monitor the technology implementation activities by using district observation and evaluation instruments, guided by the district initiatives and strategic plan. The administrative Planning committee will meet annually reviewing the administrator's observations and evaluations and determine how the district uses technology to achieve engaged learning.

## Evaluation

The administrative planning committee will meet annually reevaluating the district's current technology status, and allow the planning committee to identify early action items. Using the monitored activities, the building administrators, will evaluate as follows:

1. Technology Learning Objectives - Curriculum standards and learning objectives are specific and focused, intentionally driving the use of technology within the classroom.

2. Curriculum Technology uses - Curriculum activities creates unique content learning benefits. Content learning experiences/benefits are extended and would be impaired or impossible without the use of technology.

3. Cognitive Tasks - Task requires synthesis and evaluation of information. Going beyond existing understanding to create own original position or product. Knowledge creation is expected.

4. Assessment - Student product assessed on content as well as the effective, appropriate use of technology to promote or communicate the learner's understanding.

5. Technology Use - Technology use within the school building based on students, grants, implementations, and access.

6. State-of-the-Art Technology - Evaluate its curriculum instruction and assessment by implementing state-of-the-art technologies that affect our students positively and prepare them for tomorrow in this ever changing Information Age.