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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, February 27, 2008

**Entity:** Weatherly Area SD

**Address:** 602 6th St  
Weatherly, PA 18255-1520

**Phone:**

**Contact Name:**

## **Core Purpose**

### **Mission**

The mission of the Weatherly Area School District, in partnership with family, business, and community, is committed to providing academic excellence in an educational environment that nurtures responsible, contributing citizens in a changing society. Such citizens can shape a nation.

### **Vision**

Unifying and serving the whole Weatherly community, Weatherly Area School District holds students at the center of all that we do. We are committed to creating a supportive and exemplary learning environment. We are dedicated to offering a varied and demanding course of study in which all students succeed by exploring personal talents, developing life skills, and achieving at high academic levels.

## **Shared Values**

We believe that education is one of the most important influences on individuals and their roles in the global society.

We believe that educational change through ongoing staff development is necessary to meet the many challenges occurring in society.

We believe that learning is a life long process that should begin with the family, and be encouraged and nurtured through the partnership of parents, students, administration, teachers, staff, business, and community members.

We believe that the "whole child" can be nurtured in these developmental areas: Emotional, Social, Physical, Intellectual, Creative, Ethical, and Aesthetic.

We believe that our schools should provide a safe learning environment that offers security, understanding, acceptance, respect, and direction from caring adults.

We believe every individual has intrinsic worth and value.

We believe every individual should be sensitive to the diversity of others.

We believe every student has talents, skills, and gifts; high expectations for each student should be the foundation of the educational process fostering the student's personal best.

We believe all students should develop life skills appropriate to their potentials.

We believe that a positive educational environment can enable every student to become a caring, responsible individual, who will care for himself/herself, each other, and the community.

We believe it takes a whole community to educate a child.

We believe that all students will learn to communicate effectively, problem solve, develop higher level thinking skills, collaborate, and use technology efficiently.

## **Needs Assessment**

Technology has been incorporated into just about every aspect of everyday life more and more over the past several years. Students are starting to be taught 21st century learning skills with teachers integrating technology into the entire gamut of subject areas in grades K-12. Technology is opening 24/7 access to students, teachers, administrators, and parents alike in ways that were only dreamed of before.

No child left behind is holding schools in the United States more accountable for with meeting Adequate Yearly Progress measured by PSSA testing. Utilizing various software programs and retooling the curriculum, schools are able to assist students in making Adequate Yearly Progress and thus, propelling students to do their best work.

Technology is used in many different aspects of a school district. Faculty and staff use it to communicate, lessons are enhanced with its integration, and the outside world is now connected making resources available for students far beyond the brick and mortar school building.

Students, staff, and community members take advantage of the technology we have to offer at Weatherly Area School District. We are constantly looking for new and innovative ways to meet the needs of our students, along with the needs of all the stakeholders in the district community.

Since the inception of our last Technology Plan, all the previous goals we devised were met:

Students will attain high standards in the use of technology.

All staff will have access to resources and trained in its utilization.

All students will have access to technology through classroom instruction and individual computer use.

The district will identify and address technological needs relative to the curricular areas on a regular basis.

All teachers will use technology to enhance the learning opportunities for all students.

Administrators and staff will gather and utilize information efficiently.

Technological needs relative to district management will be identified and addressed on a regular basis.

A specific maintenance/upgrade plan relative to technology needs of the district will be identified and maintained.

Professional development opportunities relative to technology will be offered.

The need to employ a Technology Coordinator to oversee all technology and equipment in the district will be reviewed.

Focus on increasing community awareness through technology.

One of the many greatest improvements of technology in our district has been the upgrade of our network infrastructure and upgrade of our Phone System. All switches in our district have been upgraded to managed Cisco switches. The phone system that is now has phones located in every room, utilizes voice mail at all extensions, are capable of calling anywhere intra-district or outside of the district. In cooperation with our school board, funds will be earmarked on a yearly basis for technology purchasing. With limited funds being available on a yearly basis, a five-year computer replacement cycle has been created for the eventual replacement of all computers in the district. Funding and support for new and emerging technologies is still one of the greatest hurdles we face. The integration of technology into the classroom has been increasing because of added technology workshops that were offered to teachers the past two winters. Staff development will be one of our main focuses in the future, along with procuring additional technology items to integrate into our curriculum, while we aim to constantly improve student achievement.

PSSA test scores for our district continue to be the highest among the 5 districts in Carbon County. The data from the PSSA tests are shared with staff, students, parents, and the school board. They are also available on our district website for visitors to peruse, as we are very proud of our students' accomplishments. Students will continue to participate in the PSSA's as

mandated by our state government and will also participate in locally designated assessments as determined by our Strategic Plan. Weatherly students are also able to utilize software that has been purchased through grants that is tied to the PA Academic Standards and Assessment Anchors. Additionally, this software will allow us to benchmark our students success as compared the the PA standards and make any needed appropriate changes in curriculum. We have also purchased a new student grading and attendance system, eSchoolBook, that ties into our current Student Information System. The grading program provides parents with a portal so they may view their students grades and attendance on a daily basis. The Parent Portal is expected to go live in January 2008.

Student achievement in the area of mathematics has recently been an area of concern for us as of the latest PSSA testing results for our high school students in grade 11. We are still meeting proficiency, however, we want our scores to increase during the next PSSA test. Investigation and purchasing of software programs that will help enhance student achievement will be undertaken to aid us.

All students in the district are enrolled in mandatory technology courses starting in Kindergarten and culminating in twelfth grade. All course work is aligned with the state technology standards and supplemented with the ISTE (International Society of Technology in Education) standards. Keyboarding has been moved out of the High School and is being taught in the Elementary School with our third graders. Students are skilled in the basic operation of a computer and the navigating the Internet by the end of sixth grade, while students are proficient in the Microsoft Office suite by the end eighth grade including demonstrating use of a word processor (Word), spreadsheets (Excel) introductory databases (Access), introductory desktop publishing (Publisher), multimedia presentations (Power Point), and keyboarding. Students at our High School take course work in CADD, desktop publishing, web design, advanced web design, computer applications, advanced computer applications, programming, and advanced programming. Students are also taking Spanish 1, and World History through our new online learning program utilizing the web based Blended Schools program.

We are constantly looking for ways to improve upon our technology program at Weatherly. During the 2006-2007 school year we piloted an Advanced Placement Biology course with 4 seniors in our high school. They appeared to have a good experience with the course when they informally interviewed halfway through the year. We decided to do an online survey of 100 random students in grades 9-12 to gain their perceptions of offering additional online courses (they we currently do not offer) in early Spring of 2007. The results of the survey were:

67% indicated their Internet skills were adequate for online course.

25% have already taken an online course.

53% would take an online course in the future.

57% would take a course entirely online or a mixed online/traditional course.

33% would rather take an advanced course online than a standard traditional course.

61% indicated they would take online courses for college credit.

34% would be willing to take an online course outside of regular school hours.

91% of students have access to a computer with Internet service outside of school hours.

With the information that was collected, it was decided that we would offer additional online courses to students in the 2007-2008 school year, along with devoting a 1/2 time certified teacher to assist these students.

Weatherly is currently in year 3 of the 5 year computer replacement cycle. The distribution of technology equipment throughout the cycle depended upon the age of computers throughout the district. Labs and libraries are given priority, then classrooms, then offices. The WASD Board of Directors have agreed to fund the replacement of seventy computers per year. Within the past three funding years, all labs, libraries, middle school classrooms, and offices have been replaced. The elementary teacher classroom computers were cascaded from the middle and

high school libraries until they are set to receive new computers as per the replacement cycle in year 5. We are now planning to replace a computer lab and classroom computers at the high school during year 4 of the replacement cycle. Additionally, as a classrooms for the future grant recipient, we will be adding additional computers to the high school in the fall of 2007 and will apply for additional funds in year 3 of the CFF grant to obtain even more computers for our high school. Before our computer replacement cycle reaches year 5, we will evaluate the effectiveness of the distribution of computers with members of our technology integration committee.

Our district website has recently been updated to insure the effective communication between the district and community. Our school board policies, school board agendas and minutes, homework for students in grades 6-12, event calendar, and district profile are all new additions to the district website. Staff listings and teacher web pages were migrated over to the new site from our old website.

A new video surveillance system has been installed in all school buildings to maintain a safe school environment for all students, staff, and visitors. Cameras are located both inside and outside the schools in hallways, building entrances, cafeteria's, gymnasium's, and along the perimeter of each side of the schools.

A disaster recovery policy is in effect, with all district data being backed up on a nightly basis and stored at two off-site locations. We utilize Sentinell web filtering, Symantec Antivirus on all district computers and servers, Novell Netware network operating system, firewalls, Faronics Deep Freeze on all student computers, and VLAN's to separate the student and administrative networks.

Weatherly's Acceptable Use Policy is board approved and is listed on our website as EAST Board Policy 815. Additionally, all students and staff are required to sign the acceptable use policy before being given access to the district network. We are currently in the process of reviewing our acceptable use policy to include some new and emerging technologies since its last revision. The district is currently in the process of writing a policy for document retention to include the retention of email by staff and students as per federal mandate.

The Coordinator of Technology and Information Services is responsible for all technology purchasing, budgeting, and inventory. District technology equipment is purchased through the PEPPM or CO-STARS state contracts, as well as through bidding and price quotes. The acquisition of technology items is done on a yearly basis by using a zero-based budget process. Computers are purchased and placed in the appropriate building as per the district 5 year computer replacement cycle. Other items are purchased and placed in areas where they best serve the students. All district technology hardware items are recorded into an Access database for inventory purposes as soon as they are unboxed with their serial numbers being recorded and asset tags affixed before the items are deployed.

Weatherly is serviced with a 10 mbps Internet connection through the CLIU#21 via leased fiber from several partners. CLIU #21 acts as our service provider through which we are also afforded Internet 2 capabilities. In addition to Internet service, CLIU #21 also provides us with a videoconferencing bridge, email accounts for district staff, and content filtering. Weatherly's new 10 mbps Internet connection was made available through the ACT 183 grant that CLIU #21 partnered with Schuylkill IU #29 on. All computers in the Weatherly Area School District are connected to the Internet via our district WAN. Each of our three schools are configured to operate on its own LAN by being segmented into VLAN's. The backbone of our WAN operates at a speed of 1 gbps (1000 mbps) over district owned fiber. All switches on our district WAN are manageable, thus enabling the segmentation of VLAN's (for added security and traffic control) across our network.

The district is using a digital NEC Aspire PBX centralized phone system. The district phone network is connected by district owned fiber optic transmitting at a speed of 100 mbps. Since we

are a campus setting, all buildings are connected to to the main digital switch. The connection to the outside world is made available through four T1's connecting WASD with service provider Verizon. All classrooms, libraries, offices, conference rooms, cafeteria's, maintenance areas, and gymnasium's have phones in them. Each phone has a voicemail box for callers to leave messages. All phones are equipped to contact the Carbon County Communication Center if 911 is pressed in case of emergency. Each administrator, nurse, maintenance person, bus driver, athletic director and office are equipped with cell phones too. All phone service providers are approved through the e-Rate bid process.

There are two Polycom videoconferencing units located in the district for distance learning activities: one at the high school and one shared between the elementary and middle school. These units are Internet 2 capable, and connect via IP. Our district no longer supports ISDN videoconferencing. Many distance learning opportunities utilize MAGPI as a huge resource as well as partnering with neighboring school districts. Virtual field trips are a yearly occurrence: they are more cost-effective and differentiated.

Weatherly's Technology Department is currently comprised of two staff members: a full-time Coordinator of Technology and Information Services and a part-time Computer Technician. With more new and emerging technologies coming out constantly and additional computers being purchased through the classrooms for the future grant, the part-time computer technician job may eventually roll into a full-time position.

## Goals and Strategies

### **Goal: Distance Learning**

*Description:* Enhance distance learning opportunities for all students district-wide. Create online distance learning opportunities with Blended Schools to offer a wide variety of content to students

### **Strategy: Maintain and provide additional distance learning opportunities**

*Description:* Continue to provide distance learning opportunities, and investigate additional opportunities for all students.

*Activities:*

Activity	Description	
Expand on Online Courses	Create Blended School classroom model to incorporate multiple content offerings to students.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start: N/A Finish: N/A	\$58,052.00

Activity	Description	
Offer additional distance learning courses through local colleges, universities and other high schools	Investigate and establish partnerships with other high schools, colleges, universities, and other organizations to offer additional regular, dual-enrollment, and advanced placement courses for high school students.	
Person Responsible	Timeline for Implementation	Resources
Gene Freeman	Start: N/A Finish: N/A	\$37,784.00

Activity	Description	
Provide Educational Virtual Field Trips	Provide educational virtual field trips that are differentiated and cost-effective to students district wide.	
Person Responsible	Timeline for Implementation	Resources
Gene Freeman	Start: N/A Finish: N/A	\$6,372.00

**Goal: District Website**

*Description:* Enhance current district website to make it more appealing to a vast audience of students, teachers, administrators, board members, staff, parents, community members, and visitors.

**Strategy: Create a web portal for staff**

*Description:* Establish remote access to the WASD internal network.

*Activities:*

Activity	Description	
Access to internal file servers	Create a web portal for staff to access documents from the WASD network.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start: 8/6/2008 Finish: 11/6/2008	\$1,137.00

Activity	Description	
Create RSS feeds for site users	Create RSS feeds that users and visitors to the WASD website can sign up for to receive updates when information is updated on the district website.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start: 11/7/2008 Finish: 2/9/2009	\$1,125.00

**Goal: District Wide Student Information Systems**

*Description:* The administration and faculty will continue to use the current district-wide student management system and implement new a online grading portal.

**Strategy: Implement Web-Based IEP Writer**

*Description:* Implement a web-based IEP writer for Special Education Teachers

*Activities:*

Activity	Description	
Purchase and implement the IEP writer module from our SIS vendor	Purchase IEP writer from our SIS vendor to assist special education teachers in the writing of IEP's	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start: N/A	\$8,100.00

	Finish: N/A	
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**Strategy: Increase Administrative Use of SIS**

*Description:* Increase the use the student information system for grading, scheduling, transportation, achievement/discipline, health, special education, and transportation.

*Activities:*

Activity		Description	
Offer additional and ongoing training in-house and at the CSIU #16		Offer additional and ongoing training to office staff, guidance counselor's, principals, and technology staff.	
Person Responsible	Timeline for Implementation	Resources	
Brian Borosh	Start: 8/5/2008 Finish: 6/24/2011	\$0.00	
Professional Development Activity Information			
Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year	
4	6	12	
Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status	
WASD and CSIU #16	<ul style="list-style-type: none"> <li>School Entity</li> <li>Intermediate Unit</li> </ul>	Approved	
Knowledge and Skills	Research and Best Practices	Designed to Accomplish	
Staff members will gain knowledge in new features of the student SIS as well as become acquainted with advanced features that will be needed in submission of information using PIMS.		<p><i>For classroom teachers, school counselors and education specialists:</i></p> <ul style="list-style-type: none"> <li>Empowers educators to work effectively with <u>parents and community partners</u>.</li> </ul> <p><i>For school and district administrators, and other educators seeking leadership roles:</i></p> <ul style="list-style-type: none"> <li>Provides the knowledge and skills to <u>think and plan strategically</u>, ensuring that assessments, curriculum, instruction, staff professional education, teaching materials and interventions for struggling students are aligned to each other as well as to Pennsylvania's academic</li> </ul>	

		standards. <ul style="list-style-type: none"> <li>Provides leaders with the ability to <u>access and use appropriate data</u> to inform decision-making.</li> <li>Instructs the leader in <u>managing resources</u> for effective results.</li> </ul>
<b>Educator Groups Which Will Participate in this Activity</b>		
<b>Role</b>		
<ul style="list-style-type: none"> <li>Principals / asst. principals</li> <li>School counselors</li> <li>Other educational specialists</li> </ul>		
<b>Follow-up Activities</b>	<b>Evaluation Methods</b>	
<ul style="list-style-type: none"> <li>Analysis of student work, with administrator and/or peers</li> <li>Peer-to-peer lesson discussions</li> </ul>	<ul style="list-style-type: none"> <li>Participant survey</li> </ul>	

**Strategy: On-Line grade book**

*Description:* Begin to utilize an online grade book with faculty.

*Activities:*

Activity	Description	
Continue training opportunities on eSchoolBook	Utilizing CSIU #16 and our core group of eSchoolBook teachers, offer training opportunities on eSchoolBook.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start: 8/18/2008 Finish: 6/17/2011	\$4,500.00
Professional Development Activity Information		
Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year
3	8	60
Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
CSIU #16 and WASD	<ul style="list-style-type: none"> <li>School Entity</li> <li>Intermediate Unit</li> </ul>	Approved
Knowledge and Skills	Research and Best Practices	Designed to Accomplish

<p>Teachers will gain knowledge and skills in the effective use of use of a web-based gradebook and an online attendance system which is also web-based.</p>		<p><i>For classroom teachers, school counselors and education specialists:</i></p> <ul style="list-style-type: none"> <li>• Provides educators with a variety of classroom-based <u>assessment skills</u> and the <u>skills needed to analyze and use data</u> in instructional decision-making.</li> <li>• Empowers educators to work effectively with <u>parents and community partners</u>.</li> </ul> <p><i>For school and district administrators, and other educators seeking leadership roles:</i></p> <ul style="list-style-type: none"> <li>• Provides leaders with the ability to <u>access and use appropriate data</u> to inform decision-making.</li> <li>• Instructs the leader in <u>managing resources</u> for effective results.</li> </ul>
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<b>Educator Groups Which Will Participate in this Activity</b>		
<b>Role</b>	<b>Grade Level</b>	
<ul style="list-style-type: none"> <li>• Classroom teachers</li> <li>• School counselors</li> <li>• Other educational specialists</li> </ul>	<ul style="list-style-type: none"> <li>• Middle (grades 6-8)</li> <li>• Elementary (grades 2-5)</li> <li>• High school (grades 9-12)</li> </ul>	
<b>Follow-up Activities</b>	<b>Evaluation Methods</b>	
<ul style="list-style-type: none"> <li>• Analysis of student work, with administrator and/or peers</li> <li>• Peer-to-peer lesson discussions</li> </ul>	<ul style="list-style-type: none"> <li>• Participant survey</li> <li>• Review of participant lesson plans</li> </ul>	

<b>Activity</b>	<b>Description</b>	
eSchoolBook	Implement the use of eSchoolBook online grading program for all teachers whom teach grades 1-12	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>

Brian Borosh	Start: N/A Finish: N/A	\$7,500.00
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Activity	Description	
Offer online Parent Access to students attendance and grading	After teachers utilize eSchoolBook for a year, and testing is completed with parents employed by the district, online access will be given to all parents to view their children's attendance and grades	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start: 9/1/2008 Finish: 6/18/2010	\$0.00

**Goal: Technology Operations**

*Description:* Enhance and Maintain District Technology Operations

**Strategy: Enhance District Technology**

*Description:* The district technology department will continue to investigate ways to improve district processes through the use of technology. New and additional technologies will be purchased by the district to remain at the forefront of the digital age.

*Activities:*

Activity	Description	
Continue to Implement Wireless Connectivity in All Buildings	Complete the wireless access project at the High School, and implement wireless access in the Elementary and Middle Schools.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start: N/A Finish: N/A	\$21,334.00

Activity	Description	
Integrate Auto Dialer with Phone System	Integrate an auto dialer with our Phone System to call parents for notifications on weather related issues, school delays and closing, and emergencies.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start: 6/10/2009 Finish: 8/19/2009	\$6,070.00

Activity	Description	
Strive to become a 1-to-1 Laptop High School	Apply for Year 3 funding of the Classrooms for the Future Grant to receive additional laptops for students and staff, and professional development for our teachers.	
Person Responsible	Timeline for Implementation	Resources

Brian Borosh	Start: N/A Finish: N/A	\$252,026.00
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**Strategy: Maintain District Technology**

*Description:* Continue to maintain the district's technology operations and infrastructure.

*Activities:*

Activity	Description	
5 Year Computer Replacement Cycle	Every computer throughout the district will be refreshed every five years.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start: N/A Finish: N/A	\$210,000.00

Activity	Description	
All computer equipment will be maintained	A part-time computer technician will continue to be employed to provide desktop support to users throughout the district and to assist with support time for additional computers received through the CFF grant.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start: N/A Finish: N/A	\$44,709.00

Activity	Description	
Cell phone services will be maintained and expanded, if necessary.	Cell phones will be carried by all administrators, maintenance staff, school nurses and bus drivers. Cell phones will also be located in all school offices.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start: N/A Finish: N/A	\$8,544.00

Activity	Description	
Infrastructure and servers will be maintained	Smartnet warranty protection will be purchased on all switches and routers. A retainer will be set up for as needed engineering services for emergency server and infrastructure issues.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start: N/A Finish: N/A	\$15,250.00

Activity	Description	
Internet and Internet 2 services will be maintained	Internet and Internet 2 services will be maintained.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start: N/A Finish: N/A	\$27,522.00

Activity	Description	
Leased Fiber Lines will be maintained	Fiber lines leased through PenTeleData (or other participating partners) will be maintained to provide a 10Mbps Internet Connection for the district	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start: N/A Finish: N/A	\$36,828.00

Activity	Description	
Phone System Service will be maintained	Phone System service will be maintained.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start: N/A Finish: N/A	\$29,076.00

Activity	Description	
Surveillance Cameras will be maintained.	A maintenance contract will continue to be negotiated and established on a yearly basis for surveillance cameras.	
Person Responsible	Timeline for Implementation	Resources
Brian Borosh	Start: N/A Finish: N/A	\$7,800.00

**Goal: Weatherly Area School District Professional Staff Technology Curriculum**

*Description:* Add Goal Statement here..

Description: Develop a technology curriculum for BMSD professional staff to enhance their technological classroom skills.

**Strategy: Technology Workshops/Academies**

*Description:* Expand upon the current course of study to enrich the professional staff's technology skills. Provide additional professional development to enhance intergrating technology into classroom curriculum.

*Activities:*

Activity	Description
Continue current after school technology	Continue offering after school workshops for the professional staff on various topics from basic computer usage to integrating technology into

workshops	their curriculum, to designing online lessons for their classes.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Brian Borosh	Start: N/A Finish: N/A	\$0.00

<b>Activity</b>	<b>Description</b>	
Establish a Technology Summer Academy for all staff members	Establish a Technology Summer Academy program for support staff, teachers, and administrators. Conduct a needs assessment by using an online survey tool to determine course offerings.	
<b>Person Responsible</b>	<b>Timeline for Implementation</b>	<b>Resources</b>
Brian Borosh	Start: N/A Finish: N/A	\$0.00

### **Staff Development**

Weatherly Area School District has implemented technology staff development offerings for support staff, teachers, and administrators for the past several years. The technology staff development offerings are offered during the Winter and early Spring months, and are ACT 48 eligible. The district has been offering these workshops during this time for past two years, and is working on expanding these offerings into the summer months as a summer academy program. Staff members are polled for areas of interest by conducting a needs assessment via an online survey tool, Zoomerang. The district administrative team develops the schedule based upon the needs of staff, and also areas of concern that the team deems necessary to offer professional development on, such as a new grading program.

Staff members in our district have a thirst for utilizing additional technology, as is evidenced in the enrollment numbers throughout the various workshop strands. Some of the popular technology workshops and staff development offerings include the following: Microsoft Word (intermediate and advanced), Microsoft Excel (intermediate), Microsoft Access (beginner), Kidspiration, Inspiration, Classroom Performance Systems, Effective Use of the Smartboard in your Classroom, Microsoft Publisher (beginner), Web Page Design using Microsoft Front Page, Microsoft Power Point, eSchoolBook Grade Book (beginner, intermediate, and advanced), United Streaming, Blogs for Educators, Wiki's for Educators, Blended Schools to Supplement your Curriculum, Podcasting with your Students, Integrating Various Technologies into your Everyday Classroom Lessons. Teachers, administrators, Intermediate Unit staff, and educational consultants are currently lecturing in the above mentioned topic areas. These workshops are offered in the district as well as at off site locations. Conferences and other off-site professional development opportunities are also utilized. The Pennsylvania Educational Technology Expo and Conference is regularly attended by the District Technology Coordinator and various members of the teaching staff. As a recipient of the Classrooms for the Future Grant, several of our high school teachers will be participating in mandatory professional development opportunities offered as part of the grant.

Additional educational technology professional development opportunities as well as the ones currently offered are planned for the future.

### **Budget**

#### **Summary: Potential Funding Distribution**

<b>Funding Source</b>	<b>2008-2009</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>Total</b>
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010 - ADMINISTRATIVE BUDGET	\$153,579.00	\$162,174.00	\$169,316.00	\$485,069.00
390 - EXTRA GRANTS	\$252,026.00	\$0.00	\$0.00	\$252,026.00
eRATE	\$14,106.00	\$14,201.00	\$14,327.00	\$42,634.00
<b>TOTAL</b>	<b>\$419,711.00</b>	<b>\$176,375.00</b>	<b>\$183,643.00</b>	<b>\$779,729.00</b>

**Goal: Distance Learning**

Enhance distance learning opportunities for all students district-wide. Create online distance learning opportunities with Blended Schools to offer a wide variety of content to students

Maintain and provide additional distance learning opportunities	2008-2009	2009-2010	2010-2011	Total	Funding Source
Expand on Online Courses	\$16,352.00	\$18,541.00	\$23,159.00	\$58,052.00	010 - ADMINISTRATIVE BUDGET
Offer additional distance learning courses through local colleges, universities and other high schools	\$10,259.00	\$12,167.00	\$15,358.00	\$37,784.00	010 - ADMINISTRATIVE BUDGET
Provide Educational Virtual Field Trips	\$1,467.00	\$2,034.00	\$2,871.00	\$6,372.00	010 - ADMINISTRATIVE BUDGET
<b>GRAND TOTAL</b>	<b>\$28,078.00</b>	<b>\$32,742.00</b>	<b>\$41,388.00</b>	<b>\$102,208.00</b>	

**Goal: District Website**

Enhance current district website to make it more appealing to a vast audience of students, teachers, administrators, board members, staff, parents, community members, and visitors.

Create a web portal for staff	2008-2009	2009-2010	2010-2011	Total	Funding Source
Access to internal file servers	\$1,137.00	\$0.00	\$0.00	\$1,137.00	010 - ADMINISTRATIVE BUDGET
Create RSS feeds for site users	\$1,125.00	\$0.00	\$0.00	\$1,125.00	010 - ADMINISTRATIVE BUDGET
<b>GRAND</b>	<b>\$30,340.00</b>	<b>\$32,742.00</b>	<b>\$41,388.00</b>	<b>\$104,470.00</b>	

<b>TOTAL</b>					
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**Goal: District Wide Student Information Systems**

The administration and faculty will continue to use the current district-wide student management system and implement new a online grading portal.

<b>Implement Web-Based IEP Writer</b>	<b>2008-2009</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>Total</b>	<b>Funding Source</b>
Purchase and implement the IEP writer module from our SIS vendor	\$3,100.00	\$2,500.00	\$2,500.00	\$8,100.00	010 - ADMINISTRATIVE BUDGET

<b>On-Line grade book</b>	<b>2008-2009</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>Total</b>	<b>Funding Source</b>
Continue training opportunities on eSchoolBook	\$1,500.00	\$1,500.00	\$0.00	\$3,000.00	010 - ADMINISTRATIVE BUDGET
eSchoolBook	\$2,500.00	\$2,500.00	\$0.00	\$5,000.00	010 - ADMINISTRATIVE BUDGET

<b>GRAND TOTAL</b>	<b>\$37,440.00</b>	<b>\$39,242.00</b>	<b>\$43,888.00</b>	<b>\$120,570.00</b>	
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**Goal: Technology Operations**

Enhance and Maintain District Technology Operations

<b>Enhance District Technology</b>	<b>2008-2009</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>Total</b>	<b>Funding Source</b>
Continue to Implement Wireless Connectivity in All Buildings	\$5,100.00	\$7,436.00	\$8,798.00	\$21,334.00	010 - ADMINISTRATIVE BUDGET
Integrate Auto Dialer with Phone System	\$2,945.00	\$3,125.00	\$0.00	\$6,070.00	010 - ADMINISTRATIVE BUDGET
Strive to become a 1-to-1 Laptop High School	\$252,026.00	\$0.00	\$0.00	\$252,026.00	390 - EXTRA GRANTS

<b>Maintain District</b>	<b>2008-2009</b>	<b>2009-2010</b>	<b>2010-2011</b>	<b>Total</b>	<b>Funding Source</b>
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<b>Technology</b>					
5 Year Computer Replacement Cycle	\$70,000.00	\$70,000.00	\$70,000.00	\$210,000.00	010 - ADMINISTRATIVE BUDGET
All computer equipment will be maintained	\$12,236.00	\$14,952.00	\$17,521.00	\$44,709.00	010 - ADMINISTRATIVE BUDGET
Cell phone services will be maintained and expanded, if necessary.	\$1,552.00	\$1,623.00	\$1,717.00	\$4,892.00	010 - ADMINISTRATIVE BUDGET
Cell phone services will be maintained and expanded, if necessary.	\$1,112.00	\$1,207.00	\$1,333.00	\$3,652.00	eRATE (Secondary)
Infrastructure and servers will be maintained	\$4,500.00	\$5,100.00	\$5,650.00	\$15,250.00	010 - ADMINISTRATIVE BUDGET
Internet and Internet 2 services will be maintained	\$8,532.00	\$9,122.00	\$9,868.00	\$27,522.00	010 - ADMINISTRATIVE BUDGET
Leased Fiber Lines will be maintained	\$5,279.00	\$5,279.00	\$5,279.00	\$15,837.00	010 - ADMINISTRATIVE BUDGET
Leased Fiber Lines will be maintained	\$6,997.00	\$6,997.00	\$6,997.00	\$20,991.00	eRATE (Secondary)
Phone System Service will be maintained	\$3,695.00	\$3,695.00	\$3,695.00	\$11,085.00	010 - ADMINISTRATIVE BUDGET
Phone System Service will be maintained	\$5,997.00	\$5,997.00	\$5,997.00	\$17,991.00	eRATE (Secondary)
Surveillance Cameras will be maintained.	\$2,300.00	\$2,600.00	\$2,900.00	\$7,800.00	010 - ADMINISTRATIVE BUDGET

<b>GRAND TOTAL</b>	<b>\$419,711.00</b>	<b>\$176,375.00</b>	<b>\$183,643.00</b>	<b>\$779,729.00</b>	
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<b>TOTAL</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	<b>\$0.00</b>	
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## Monitoring

The Weatherly Area School District Technology Integration Committee, consisting of School Board members, the Superintendent, building Principals, Coordinator of Technology and Information Services, teachers, community members, and Library Media Specialists, will evaluate the Technology Plan on a bi-yearly basis because technology is ever changing, and our district budget is now under ACT 1 constraints. An online survey tool, as well as formal interviews with randomly selected students, teachers, support staff, and community members will be utilized to collect and analyze the data gathered. The administrative cabinet, which the Superintendent chairs, will be responsible for monitoring the plan's progress. Meetings with various stakeholders in the overall impact of the district technology program including the Administrative Team, Curriculum/Technology Subcommittee of the Weatherly Area School District Board of Directors, District Technology Integration Committee and Building Level Technology Committee meetings will also assist in measuring the performance of the Educational Technology Plan.

## **Evaluation**

Data gathering utilizing technology will take place as we strive to make data-driven informed decisions. Data regarding technology will be gathered from students, teachers, support staff, administrators, parents, and community members by using online survey tools, our student information system, PSSA test results, and the monitoring of technology usage. The number of students involved in distance learning opportunities, utilization of whiteboards in the classroom, attendance at our technology workshops, usage of signout computer labs and libraries, usage of laptops we receive through the Classrooms for the Future grant, and technology professional development will all begin to be tracked and recorded by the district technology department. A counter will be added to the district website to record site visits and the location of the visitor, and the guestbook will be updated as well. All of this data will be reported back to the Technology Integration Committee, and Curriculum/Technology Subcommittee of the School Board on a bi-yearly basis.