

Pennsylvania Department of Education



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

Educational Technology Report
Wednesday, September 03, 2008

Entity: Franklin Regional SD
Address: 3210 School Rd
Murrysville, PA 15668-1553

Core Purpose

Mission

We, the Franklin Regional School community, strive for excellence, learning, achievement and citizenship in all we do.

Vision

Excellence: We are committed to excellence. Students, staff, administrators and community volunteers work every day to make our schools more vibrant, rigorous, creative, adaptable, fun and future-oriented.

Learning: Learning is a multi-faceted, life-long process and the focus of all we do. We enable all of our community members to develop knowledge, skills and self-awareness and make learning central to their lives.

Achievement: We are committed to learning and doing. We promote, recognize and value accomplishments in the many and diverse endeavors of our community members.

Citizenship: We act with integrity and in an ethical, responsible and tolerant fashion. In this way, we promote each person's ability to be a productive, contributing, thoughtful and socially responsible member of our local and global communities.

Shared Values

1. Everyone can learn.
2. Everyone deserves to be valued and respected.
3. Everyone is a contributing partner in the educational process.
4. Everyone is entitled to an environment that promotes high expectations and accountability through challenging and meaningful work.
5. Everyone is encouraged to embrace a lifelong quest for learning.
6. Everyone is responsible for the effective utilization of resources.
7. Everyone is encouraged to understand the importance, contribution, and impact of diversity in our global society.
8. Everyone is entitled to and shares responsibility for maintaining a safe, supportive environment.

Needs Assessment

Goals and Strategies

Goal: DIVERSE AND CHALLENGING CURRICULA

Description: To maintain and improve upon a diverse and challenging curricula by providing positive learning opportunities for all students, consistently delivered K-12, using best teaching practices as measured by students' performance on local and standardized assessments.

Strategy: "Best Practices"

Description: Identify, incorporate and support the use of "Best Teaching Practices."

Activities:

Activity	Description	
Equitable Access to Computer Instruction in the Elementary	Work with the Director of Instruction, building principals, and elementary computer teachers through the Cyclical Review Process to develop a K-5 computer curriculum, scope and sequence, and, if necessary, redefine the role of the elementary computer instructor to better provide equitable access to computer instruction for staff and students.	
Person Responsible	Timeline for Implementation	Resources
Shelley Shaneyfelt	Ongoing	\$0.00

Activity	Description	
Expand Concept of Smart Classrooms	Support effective use of technology in teaching and learning through the expansion of the Classroom for the Future model in all district schools. The Classroom for the Future model will provide access to interactive tools like electronic white boards, personal response systems, Web Cams, etc. Effective planning should be tied to the cyclical review process to help determine the need and integration of smart classrooms into the curriculum. For budgetary considerations, a typical smart classroom consists of a teacher PC or laptop, interactive whiteboard, video projector, printer/scanner, Web Cam, digital camera, and other interactive tools such as personal response systems. Costs may range from \$4500 to \$6000 per room depending on the equipment and installation. Large group instruction rooms, libraries, and labs would be initial considerations. Grade level or subject matter installations would be another. Assuming there are 14 elementary and secondary Labs, Libraries, and LGI spaces available, the costs associated with this part of the plan would involve the installation of 6, 5, and 3 smart classrooms, respectively, over the next three years across the district.	
Person Responsible	Timeline for Implementation	Resources
Frank Muto	Ongoing	\$84,000.00

Activity	Description	
Expand Deployment of Wireless Laptops	Evaluate the need to expand the deployment of wireless laptops to support diverse and challenging curricula. Planning should be tied to the cyclical review process to help determine the need and integration of additional wireless laptops into the curriculum. For budgetary considerations, one mobile lab consists of 30 laptops, cart, printer, and software licenses for basic Microsoft Office and anti-virus. Average cost is between \$38,000-\$40,000. One installation scenario might be to add one mobile lab per year in each elementary school over the next three years.	
Person Responsible	Timeline for Implementation	Resources

Frank Muto

Ongoing

\$360,000.00

Activity	Description		
Explore Expansion of Wireless Infrastructure	Explore the expansion of wireless technologies in the elementary buildings to facilitate the use of wireless laptops. Effective planning should be tied to the cyclical review process to help determine the need and integration of wireless technologies into the elementary classrooms. The least expensive solution is to provide wireless access points on each mobile lab so wherever the lab goes, so does the wireless access. The most expensive but complete solution would be building-wide wireless access. Depending on the size of the building and layout of wireless access points, the costs could range from \$1000 to \$1500 per room.		
Person Responsible	Timeline for Implementation		Resources
Frank Muto	Ongoing		\$0.00

Activity	Description		
High Speed Fiber Internet Access	Develop and maintain 1,000 Mbps fiber optic data network. This project is in conjunction with the Northern Regional Consortium and enables improved access to Internet 2 opportunities like video conferencing, World Language exchanges, virtual field trips, and other e-collaborative projects. This project is currently underway and installation is scheduled for the end of the 2008/2009 school year. Costs are divided by the consortium members. For budgetary considerations, the IU estimated a one-time installation fee of \$13,910.75 and a recurring maintenance fee of \$3932.50 per year for five years. In addition, the IU is looking at Internet2 access to provide rich video conferencing, virtual fieldtrips, and other resources through the consortium.		
Person Responsible	Timeline for Implementation		Resources
Frank Muto	Ongoing		\$33,485.25

Activity	Description		
Implement Video Conferencing	Implement Video Conferencing tools to promote collaborative environments between staff in district buildings, as well as between staff in other schools locally through the Westmoreland IU High-Speed Fiber project or across the Internet. Effective planning should be tied to the cyclical review process to help determine the need and integration of video conferencing into the curriculum. One installation scenario would include a minimum of two systems to start--one in the middle school and one in the high school. Video conferencing systems range between \$12,000 to \$15,000.		
Person Responsible	Timeline for Implementation		Resources
Frank Muto	Ongoing		\$30,000.00

Activity	Description		
Technology Coaches	In support of infusing technology in diverse and challenging curricula, explore the need and/or use of technology coaches in each building. Input from the administrative team and staffing requirements will need to be considered before implementation.		
Person Responsible	Timeline for Implementation		Resources

Frank Muto	Ongoing	\$0.00
------------	---------	--------

Activity	Description	Person Responsible	Timeline for Implementation	Resources
Upgrade or Replace our Web Content Management System	Upgrading or replacing our Web Content Management system will not only provide updated software enhancements, but also facilitate the development of a District Intranet that will provide access to archived lessons, audio and video clips, and other digital resources in support of Instructional Best Practices. The associated cost would include either new programming or licensed solutions and server hardware. A licensed solution and server would cost about \$25,000.	Frank Muto	Ongoing	\$25,000.00

Strategy: Improve curricular cyclical review process at FR

Description: Emphasize data analyses as a means to make decisions regarding improvements in K-12 programming

Activities:

Activity	Description	Person Responsible	Timeline for Implementation	Resources
Data Teams	Professional staff will be organized to form a District "data team" to analyze student performance on standardized and local assessment instruments.	Shelley Shaneyfelt	Ongoing	\$57,000.00

Activity	Description	Person Responsible	Timeline for Implementation	Resources
Development and Use of Assessments	Professional staff will develop common/local assessments and solidify the use of standardized assessment instruments in K-12 programming.	Shelley Shaneyfelt	Ongoing	\$50,000.00

Activity	Description	Person Responsible	Timeline for Implementation	Resources
Implement A Data Warehouse	Implement a Data Warehouse to include a unified source of Web based reporting tools capable of reporting out various student assessment data sources such as marking period grades, attendance, standardized test scores, and other relevant data to facilitate data driven decision making in support of our strategic planning goals. Programming and/or licensing could range between \$35,000 to \$50,000 per year to build and maintain.			

Frank Muto

Ongoing

\$150,000.00

Goal: FOUR-YEAR GRADUATION RATE (for districts and schools that graduate seniors)*Description:* Graduate rate will continue to meet an 80% threshold and/or show growth.**Strategy: Alternative opportunities***Description:* Explore alternatives to traditional high school classes*Activities:*

Activity	Description	
Expand Moodle Course Development	Upgrade existing Moodle server to a new server and expand number of teachers currently using Moodle for course development. See previous cost estimate to replace server.	
Person Responsible	Timeline for Implementation	Resources
Frank Muto	Ongoing	\$5,000.00

Activity	Description	
On-line classes	Begin to offer on-line classes at the Senior High School to provide an alternative option for some students.	
Person Responsible	Timeline for Implementation	Resources
Shelley Shaneyfelt	Ongoing	\$42,000.00

Strategy: Parental communication*Description:* Increase the frequency and timeliness of parental communication concerning the academic standing of their children.*Activities:*

Activity	Description	
Parent Portal - Dashboard	Activate the parent portal feature of the Dashboard giving parents continuous access to their child's grades and attendance information.	
Person Responsible	Timeline for Implementation	Resources
Frank Muto	Ongoing	\$5,000.00

Goal: MATHEMATICS*Description:* To reach 100% proficiency and to maintain or exceed students' growth curves in mathematics as measured by PVAAS, PSSA, Terra Nova and other assessments and data analysis tools by 2014.**Strategy: Strong Results for All Students***Description:* Teacher teams and administrators identify most effective remedial, acceleration and enrichment strategies through data analysis, and they will continue or expand those strategies whether within or beyond the school day.*Activities:*

Activity	Description
----------	-------------

Instructional Resources	All teacher teams (either grade or subject level) will identify the most effective computer-assisted instruction programs and will adopt or continue their use for remediation, enrichment and acceleration.	
Person Responsible	Timeline for Implementation	Resources
Shelley Shaneyfelt	Ongoing	\$0.00

Strategy: Student Achievement and Growth In Learning

Description: Analyze student achievement and growth with standardized and local assessments.

Activities:

Activity	Description	Person Responsible	Timeline for Implementation	Resources
Common Assessment Analysis	All teacher teams (either grade or subject level) develop and employ common assessments to identify both areas of strength and relative weakness in students' learning growth and achievement, as well as instructional inputs to students' gains or losses in learning.	Shelley Shaneyfelt	Ongoing	\$0.00

Activity	Description	Person Responsible	Timeline for Implementation	Resources
Implement a Data Warehouse	Implement a Data Warehouse to include a unified source of Web based reporting tools capable of reporting out various student assessment data sources such as marking period grades, attendance, standardized test scores, and other relevant data to facilitate data driven decision making in support of our strategic planning goals. Programming and/or licensing could range between \$35,000-\$50,000 per year to build and maintain.	Frank Muto	Ongoing	\$0.00

Activity	Description	Person Responsible	Timeline for Implementation	Resources
Professional Development on Data-Driven Decision Making	All teachers will participate in collaborative professional development opportunities that enable teacher teams to effectively analyze data and to also enable teachers to utilize findings to drive instruction and curriculum design.	Charles Koren	Start:4/28/2008 Finish: N/A	\$13,500.00
Professional Development Activity Information				
Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year		
4	2	60		
Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status		

Franklin Regional School District Math - Science Project with IU3	<ul style="list-style-type: none"> ● School Entity ● College ● Intermediate Unit 	Approved
Knowledge and Skills	Research and Best Practices	Designed to Accomplish
Educators will cooperatively analyze, discuss, infer and utilize data to evaluate and modify instruction to maximize student achievement and their assessments.	Through peer discussion of PVAAS one realizes that "This tool enables the reader to examine both achievement and growth in order to see a near-complete picture of students' progress," as per <i>The Power of Two: Student Achievement and Growth</i> : PVAAS and School Improvement and Bernhardt, V.L., (2003). No Schools Left Behind. Additionally, Bernhardt has shown how the examination of data " may be used to help schools improve," further reinforcing the concept that data driven decisions guide direction of instruction toward results which close the gap between performance and achievable goals.	<p><i>For classroom teachers, school counselors and education specialists:</i></p> <ul style="list-style-type: none"> ● Enhances the educator's <u>content knowledge</u> in the area of the educator's certification or assignment. ● Increases the educator's <u>teaching skills</u> based on research on effective practice, with attention given to interventions for struggling students. ● Provides educators with a variety of classroom-based <u>assessment skills</u> and the skills needed to <u>analyze and use data</u> in instructional decision-making. <p><i>For school and district administrators, and other educators seeking leadership roles:</i></p> <ul style="list-style-type: none"> ● 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 standards. ● Provides leaders with the ability to <u>access and use appropriate data</u> to inform decision-making. ● Instructs the leader in <u>managing resources</u> for effective results.
Educator Groups Which Will Participate in this Activity		
Role	Grade Level	Subject Area
<ul style="list-style-type: none"> ● Classroom teachers ● Principals / asst. principals ● Superintendent / asst. superintendents ● School counselors 	<ul style="list-style-type: none"> ● Early childhood (pre-K-grade 3) ● Middle (grades 6-8) ● Elementary (grades 2-5) ● High school (grades 9-12) 	<ul style="list-style-type: none"> ● Reading, Writing, Speaking & Listening ● Science and Technology ● Mathematics
Follow-up Activities	Evaluation Methods	

- Team development and sharing of content-area lesson implementation outcomes, with involvement of administrator and/or peers
- Analysis of student work, with administrator and/or peers
- Student PSSA data
- Standardized student assessment data other than the PSSA

Activity	Description	
Standardized Data Analysis	All teacher teams (either grade or subject level) use data evaluation tools such as PVAAS, Emetric, and Grow Network to identify areas of strength and relative weakness in students' learning growth and achievement.	
Person Responsible	Timeline for Implementation	Resources
Shelley Shaneyfelt	Ongoing	\$0.00

Goal: READING and WRITING

Description: To reach 100% proficiency and to maintain or exceed each student's growth curves in reading as measured by PVAAS, PSSA, Terra Nova, DIBELS and other data analysis tools by the year 2014.

Strategy: Effective Instruction

Description: Identify most effective remedial, acceleration and enrichment strategies through data analysis and continue or expand those strategies whether within or beyond the school day. Teachers will gain an understanding of how the combination of remediation and acceleration can be blended to maximize student achievement.

Activities:

Activity	Description	
Instructional Resources	All teacher teams (either grade level or subject area) will identify most effective computer-assisted instruction programs and will adopt or continue their use for remediation, enrichment and acceleration. Administrative team and teacher team will review current program usage and make recommendations based on research and discussion.	
Person Responsible	Timeline for Implementation	Resources
Shelley Shaneyfelt	Ongoing	\$0.00

Strategy: Reading and Writing Across Curriculum

Description: Teachers will be able to understand how and when writing can be implemented within the reading process, as applied to all grade levels and subject areas.

Activities:

Activity	Description	
Common Assessments	Provide opportunities for all teachers to incorporate reading and writing strategies into common assessments. Teachers will be given opportunities to share current practices.	
Person Responsible	Timeline for Implementation	Resources
Shelley Shaneyfelt	Ongoing	\$0.00

Activity	Description	
Curriculum review	Provide opportunities for all teachers to incorporate reading and writing strategies into the curriculum for all curricular areas. Teachers will be given opportunities to share current practices. Attention will be given to connecting the grade level across all subject areas, as related to the cyclical review process.	
Person Responsible	Timeline for Implementation	Resources
Shelley Shaneyfelt	Ongoing	\$0.00

Strategy: Student Achievement and Growth In Learning

Description: Analyze students' achievement and growth with standardized and formative assessments. Test results will be reviewed, with consideration for the age appropriate and grade level status for each test. Grade level representation will gain understanding of what each comprehensive step will be needed to make sure instruction supports the final goal.

Activities:

Activity	Description	
Common Assessment Analysis	All teacher teams (either grade or subject level) develop and employ common assessments to identify both areas of strength and relative weakness in students' learning growth and achievement, as well as instructional inputs to students' gains or losses in learning.	
Person Responsible	Timeline for Implementation	Resources
Shelley Shaneyfelt	Ongoing	\$0.00

Activity	Description	
Implement a Data Warehouse	Implement a Data Warehouse to include a unified source of Web based reporting tools capable of reporting out various student assessment data sources such as marking period grades, attendance, standardized test scores, and other relevant data to facilitate data driven decision making in support of our strategic planning goals. Programming and or licensing could range between \$35,000 to \$50,000 per year to build and maintain.	
Person Responsible	Timeline for Implementation	Resources
Frank Muto	Ongoing	\$0.00

Activity	Description	
Professional Development on Data Decision Making	All teachers will participate in collaborative professional development opportunities that enable teacher teams to effectively analyze data and also enable them to utilize findings to drive instruction and curriculum design.	
Person Responsible	Timeline for Implementation	Resources

Shelley Shaneyfelt	Start:4/28/2008 Finish: N/A	\$13,500.00
Professional Development Activity Information		
Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year
4	2	260
Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
Franklin Regional School District	<ul style="list-style-type: none"> School Entity 	Approved
Knowledge and Skills	Research and Best Practices	Designed to Accomplish
Educators will cooperatively analyze, discuss and utilize data to evaluate and modify instruction to maximize student learning and achievement and their performance on assessments.	Through peer discussion of PVAAS, one realizes that "This tool enables the reader to examine both achievement and growth in order to see a near-complete picture of students' progress." Additionally, Bernhardt has shown how the examination of data " may be used to help schools improve."	<p><i>For classroom teachers, school counselors and education specialists:</i></p> <ul style="list-style-type: none"> Provides educators with a variety of classroom-based <u>assessment skills</u> and the skills needed to <u>analyze and use data</u> in instructional decision-making. <p><i>For school and district administrators, and other educators seeking leadership roles:</i></p> <ul style="list-style-type: none"> Provides leaders with the ability to <u>access and use appropriate data</u> to inform decision-making.
Educator Groups Which Will Participate in this Activity		
Role	Grade Level	Subject Area
<ul style="list-style-type: none"> Classroom teachers 	<ul style="list-style-type: none"> Early childhood (pre-K-grade 3) Middle (grades 6-8) Elementary (grades 2-5) High school (grades 9-12) 	<ul style="list-style-type: none"> Reading, Writing, Speaking & Listening Science and Technology Mathematics
Follow-up Activities	Evaluation Methods	
<ul style="list-style-type: none"> Team development and sharing of content-area lesson implementation outcomes, with involvement of administrator and/or peers Analysis of student work, with administrator and/or peers Creating lessons to meet varied student learning styles 	<ul style="list-style-type: none"> Student PSSA data Standardized student assessment data other than the PSSA 	

Activity	Description
Standardized Data Analysis	All teacher teams (either grade or subject area) use data evaluation tools such as PVASS, Emetric, Grow Network and DIBELS to identify areas of strength and relative weakness in students' learning growth and achievement.

Person Responsible	Timeline for Implementation	Resources
Shelley Shaneyfelt	Ongoing	\$0.00

Goal: STUDENT ATTENDANCE (any school that does not graduate seniors)

Description: Student attendance rates will maintain at their current levels of exceeding 94% or will show growth in the elementary and middle schools as measured by the Average Daily Attendance formula and reported to the Pennsylvania Department of Education through the year 2014.

Strategy: Increased parental communication

Description: The District will increase communication with parents about their child's daily attendance.

Activities:

Activity	Description	
Auto-caller	The District will expand the use of the auto-caller from its current use at the Senior High School to the Middle and Elementary schools. Daily calls will be made to parent's chosen number to notify them of their child's absence from school.	
Person Responsible	Timeline for Implementation	Resources
Frank Muto	Ongoing	\$22,800.00

Activity	Description	
Parent Portal	District will activate the parent portal feature of the Dashboard giving parents constant access to their child's attendance history as well as to their schedule of classes. See previous cost estimate to replace existing server.	
Person Responsible	Timeline for Implementation	Resources
Frank Muto	Ongoing	\$0.00

Goal: WORLD KNOWLEDGE

Description: To increase the students' knowledge of and acceptance of global cultures through deliberate and multiple exposures to practices, perspectives, and products of these cultures, and to continue to support students' opportunities to reach proficiency in a second world language as measured by:

- o The number of administrative and guidance referrals related to a lack of acceptance of diversity or tolerance, monitored annually;
- o The number of students scoring proficient or above on the oral language proficiency exams administered by the World Language teachers.

Strategy: Cultural Integration

Description: Provide western and non-western cultural experiences for students in grades 6-12, incrementally, through 2014.

Activities:

Activity	Description
----------	-------------

Language Opportunity Expansion	Expand options, most likely through technology, for world language choices in a middle school and high school.	
Person Responsible	Timeline for Implementation	Resources
Shelley Shaneyfelt	Ongoing	\$0.00

Strategy: Interdisciplinary Approach to Cultural Diversity

Description: Establish an interdisciplinary approach to teaching students about cultural diversity.

Activities:

Activity	Description	
Sister Schools	Expand 'sister school' partnerships at the secondary level.	
Person Responsible	Timeline for Implementation	Resources
Shelley Shaneyfelt	Ongoing	\$0.00

Strategy: Interdisciplinary Approach to World Cultures Instruction

Description: Align both K-12 Social Studies and K-12 World Language Curricula

Activities:

Activity	Description	
Cultures Through Technology	Introduce consistent world cultures instruction using electronic media and/or software at the elementary level. The solution that will be explored involves in- house TV broadcasts. Currently, Sloan and Newlonsburg have the cable infrastructure, amplification and broadcast equipment. The Heritage cable TV and amplification system will have to be evaluated to determine if the in-house broadcast unit can be implemented or if new cabling and amplification is needed. An estimated \$10,000 may be needed for cabling and amplification and another \$5,000 for the broadcast equipment.	
Person Responsible	Timeline for Implementation	Resources
Frank Muto	Ongoing	\$15,000.00

Strategy: Technology Infusion

Description: Implement technology to support world knowledge/language at all levels by Spring 2011.

Activities:

Activity	Description	
Expand Concept of Smart Classrooms	Support effective use of technology in teaching and learning through the expansion of the Classroom for the Future model in all district schools. The Classroom for the Future model will provide access to interactive tools like electronic white boards, personal response systems, Web Cams, etc. Effective planning should be tied to the cyclical review process to help determine the need and integration of smart classrooms into the curriculum. See previous cost estimates under Diverse and Challenging Curricula.	
Person Responsible	Timeline for Implementation	Resources
Frank Muto	Ongoing	\$0.00

Activity	Description
----------	-------------

Expand Cultural Experiences via Technology	Utilize software, broadcasting and pod casting in language instruction and current events K-12. Deploy video broadcasting "sub-carts" capable of in-house cable TV broadcasts. In addition, repurpose original Polyvision electronic whiteboards purchased with the original middle school and senior high COWS into the respective World Language classrooms.	
Person Responsible	Timeline for Implementation	Resources
Frank Muto	Ongoing	\$15,000.00

Activity	Description	
Implement High Speed Fiber Internet Access	Develop and maintain 1,000 Mbps fiber optic data network. This project is in conjunction with the Northern Regional Consortium and enables improved access to Internet 2 opportunities like video conferencing, World Language exchanges, virtual fieldtrips, and other e-collaborative projects. This project is currently underway and installation is scheduled for the end of the 2008/2009 school year. Costs are divided by the consortium members. For budgetary considerations, the IU estimated a one-time installation fee of \$13,910.75 and a recurring maintenance fee of \$3932.50 per year for five years. In addition the IU is looking at Internet2 access to provide rich video conferencing, virtual fieldtrips, and other resources through the consortium.	
Person Responsible	Timeline for Implementation	Resources
Frank Muto	Ongoing	\$0.00

Activity	Description	
Implement Video Conferencing Capabilities District Wide	Implement Video Conferencing tools to promote collaborative environments between staff in district buildings, as well as between staff in other schools locally through the Westmoreland IU High-Speed Fiber project or across the Internet. Effective planning should be tied to the cyclical review process to help determine the need and integration of video conferencing into the curriculum. See previous cost estimates.	
Person Responsible	Timeline for Implementation	Resources
Frank Muto	Ongoing	\$0.00

Activity	Description	
Provide opportunities for students in grades 6-12 to use language lab technology resources	Utilize software and mobile hardware to incorporate interactive language experiences at the middle and high school level to support proficiency in world language. This could include the expansion of wireless laptops in world language-- at least one mobile lab in the middle school and one additional mobile lab in the high school. A mobile laptop cart of 30 laptops would cost \$40,000 per unit.	
Person Responsible	Timeline for Implementation	Resources
Frank Muto	Ongoing	\$80,000.00

Staff Development

The Supervisor of Technology Services will work with the Director of Instruction, Director of Human Resources, and Act 48 Committee to help prepare or promote professional development relevant to integration of technology throughout the strategic plan goals, strategies, and action plans. Details of staff development can be found in the related professional development section of this plan.

Budget

Summary: Potential Funding Distribution

Funding Source	2009-2010	2010-2011	2011-2012	Total
010 - ADMINISTRATIVE BUDGET	\$428,943.25	\$244,010.50	\$233,010.50	\$905,964.25
TOTAL	\$428,943.25	\$244,010.50	\$233,010.50	\$905,964.25

Goal: DIVERSE AND CHALLENGING CURRICULA

To maintain and improve upon a diverse and challenging curricula by providing positive learning opportunities for all students, consistently delivered K-12, using best teaching practices as measured by students' performance on local and standardized assessments.

"Best Practices"	2009-2010	2010-2011	2011-2012	Total	Funding Source
Expand Concept of Smart Classrooms	\$36,000.00	\$30,000.00	\$18,000.00	\$84,000.00	010 - ADMINISTRATIVE BUDGET
Expand Deployment of Wireless Laptops	\$120,000.00	\$120,000.00	\$120,000.00	\$360,000.00	010 - ADMINISTRATIVE BUDGET
High Speed Fiber Internet Access	\$17,843.25	\$3,910.50	\$3,910.50	\$25,664.25	010 - ADMINISTRATIVE BUDGET
Implement Video Conferencing	\$30,000.00	\$0.00	\$0.00	\$30,000.00	010 - ADMINISTRATIVE BUDGET
Upgrade or Replace our Web Content Management System	\$25,000.00	\$0.00	\$0.00	\$25,000.00	010 - ADMINISTRATIVE BUDGET

Improve curricular cyclical review process at FR	2009-2010	2010-2011	2011-2012	Total	Funding Source
Data Teams	\$9,500.00	\$9,500.00	\$9,500.00	\$28,500.00	010 - ADMINISTRATIVE BUDGET
Development and Use of Assessments	\$15,000.00	\$0.00	\$0.00	\$15,000.00	010 - ADMINISTRATIVE BUDGET
Implement A Data Warehouse	\$50,000.00	\$50,000.00	\$50,000.00	\$150,000.00	010 - ADMINISTRATIVE BUDGET

TOTAL	\$303,343.25	\$213,410.50	\$201,410.50	\$718,164.25	
--------------	---------------------	---------------------	---------------------	---------------------	--

Goal: FOUR-YEAR GRADUATION RATE (for districts and schools that graduate seniors)

Graduate rate will continue to meet an 80% threshold and/or show growth.

Alternative opportunities	2009-2010	2010-2011	2011-2012	Total	Funding Source
---------------------------	-----------	-----------	-----------	-------	----------------

On-line classes	\$14,000.00	\$14,000.00	\$14,000.00	\$42,000.00	010 - ADMINISTRATIVE BUDGET
TOTAL	\$14,000.00	\$14,000.00	\$14,000.00	\$42,000.00	

Goal: MATHEMATICS

To reach 100% proficiency and to maintain or exceed students' growth curves in mathematics as measured by PVAAS, PSSA, Terra Nova and other assessments and data analysis tools by 2014.

Student Achievement and Growth In Learning	2009-2010	2010-2011	2011-2012	Total	Funding Source
Professional Development on Data-Driven Decision Making	\$2,000.00	\$2,000.00	\$2,500.00	\$6,500.00	010 - ADMINISTRATIVE BUDGET
TOTAL	\$2,000.00	\$2,000.00	\$2,500.00	\$6,500.00	

Goal: READING and WRITING

To reach 100% proficiency and to maintain or exceed each student's growth curves in reading as measured by PVAAS, PSSA, Terra Nova, DIBELS and other data analysis tools by the year 2014.

Student Achievement and Growth In Learning	2009-2010	2010-2011	2011-2012	Total	Funding Source
Professional Development on Data Decision Making	\$2,000.00	\$2,000.00	\$2,500.00	\$6,500.00	010 - ADMINISTRATIVE BUDGET
TOTAL	\$2,000.00	\$2,000.00	\$2,500.00	\$6,500.00	

Goal: STUDENT ATTENDANCE (any school that does not graduate seniors)

Student attendance rates will maintain at their current levels of exceeding 94% or will show growth in the elementary and middle schools as measured by the Average Daily Attendance formula and reported to the Pennsylvania Department of Education through the year 2014.

Increased parental communication	2009-2010	2010-2011	2011-2012	Total	Funding Source
Auto-caller	\$7,600.00	\$7,600.00	\$7,600.00	\$22,800.00	010 - ADMINISTRATIVE BUDGET
TOTAL	\$7,600.00	\$7,600.00	\$7,600.00	\$22,800.00	

Goal: WORLD KNOWLEDGE

To increase the students' knowledge of and acceptance of global cultures through deliberate and multiple exposures to practices, perspectives, and products of these cultures, and to continue to support students' opportunities to reach proficiency in a second world language as measured by:

- o The number of administrative and guidance referrals related to a lack of acceptance of diversity or tolerance, monitored annually;
- o The number of students scoring proficient or above on the oral language proficiency exams administered by the World Language teachers.

Interdisciplinary Approach to World Cultures Instruction	2009-2010	2010-2011	2011-2012	Total	Funding Source
Cultures Through Technology	\$15,000.00	\$0.00	\$0.00	\$15,000.00	010 - ADMINISTRATIVE BUDGET

Technology Infusion	2009-2010	2010-2011	2011-2012	Total	Funding Source
Expand Cultural Experiences via Technology	\$5,000.00	\$5,000.00	\$5,000.00	\$15,000.00	010 - ADMINISTRATIVE BUDGET
Provide opportunities for students in grades 6-12 to use language lab technology resources	\$80,000.00	\$0.00	\$0.00	\$80,000.00	010 - ADMINISTRATIVE BUDGET

TOTAL	\$100,000.00	\$5,000.00	\$5,000.00	\$110,000.00	
--------------	---------------------	-------------------	-------------------	---------------------	--

GRAND TOTAL	\$428,943.25	\$244,010.50	\$233,010.50	\$905,964.25	
--------------------	---------------------	---------------------	---------------------	---------------------	--

Monitoring

The Supervisor of Technology Services will be responsible for monitoring the progress of the various strategies and action plans related to the strategic plan goals. Monthly progress reports will be submitted to the superintendent and Board. The Technology Advisory Committee will develop benchmarks to monitor

The Supervisor of Technology Services will work with the Technology Advisory Committee, Director of Instruction, building principals, and respective advisory councils to collect pertinent data and report out to the superintendent and Board.

Resources such as the district Web site, Channel 19, *Penn Franklin News*, *Murrysville Star*, *In Murrysville* magazine, and PTO will be used to provide progress reports and increase public awareness.

Evaluation

The Supervisor of technology Services will work with the Technology Advisory Committee, Director of Instruction, building principals, advisory councils, and staff to collect relevant data that will be used to measure the impact of technology integration. The ultimate goal will be to measure student achievement related to technology integration.

Online surveys will be developed to help collect and analyze administrative, teacher, student, and public feedback on the various strategies and action plans. The data will be used to update or modify the respective strategies and action plans.