
Pennsylvania Department of Education



Commonwealth of Pennsylvania
Department of Education
333 Market Street
Harrisburg, PA 17126-0333

Educational Technology Report **Monday, September 27, 2010** **(Last Approved: Monday, June 23, 2008)**

Entity: Radnor Township SD
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Mission

The Mission of the Radnor Township School District is to inspire in all students the love of learning and creating, and to empower them to discover and pursue their individual passions with knowledge, confidence, and caring to shape the future.

Vision

By 2013

- Each student will demonstrate caring by enhancing community through ongoing choice and action.
- Each student will consistently demonstrate excitement and persistence by constructing knowledge and developing novel solutions.
- All students will demonstrate dedication to the pursuit of their passions.

Shared Values

We believe that:

- Respecting and valuing diversity is essential for communities to thrive.
- Lifelong learning is essential to creating a better life and world.
- Nurturing is critical for individual and community growth.
- Faith in one's potential fosters confidence which motivates effort and ultimately leads to accomplishment.
- All people have worth and the capacity to grow and learn.
- The most powerful learning results from meaningful active engagement.
- There is a direct connection between the pursuit of one's passion and the joy of learning.

Needs Assessment

Reflections

- **AYP**

Concern Last Modified: 9/7/2010

The district recognizes that although it has met AYP for participation and proficiency rate on the PSSA, the scores for the 8th and 11th graders have not improved as expected. Therefore, the district will be eliciting the support of the district's literacy coordinator, math supervisor and secondary literacy coaches to address this issue. These people serve on the middle school and high school data teams and will be charged with working with those teams to improve these scores.

The district will be utilizing a norm-based assessment that is correlated with the PA Standards beginning in the fall of 2010. Students in the middle school and high school, who are not proficient or above on the 2010 PSSA math and reading tests will be expected to complete this test. The building data teams will need to analyze their test results and provide explicit teaching for their specific skill deficits. Both schools already have classes designed to address skill deficits to which students who are not proficient are assigned each year. The reading and math staff members will need to refine the material taught in these specific classes to address the skill deficits defined by their

analysis of the norm-based assessment.

The Radnor Township School District continually identifies needs in the areas of communications; curriculum and instruction; student assessment; and information management.

The Radnor Township School District's wide area network supports the application of voice and data communication by and between school building locations. The district participates in the E-rate program to secure discount services for voice communications (land line and cellular), internet access, and wide area network services. Effective communication is essential for providing quality educational services, school leadership, and district level leadership.

Information technology needs exist in the areas of infrastructure development, network security for our wired and wireless networks, and support for the district's initiative for reducing the use of paper in its operations. Additionally, professional development is an ongoing need for instructional and non-instructional staff.

The district has taken advantage of the availability of an integrated system for student data, assessment, and curriculum development and mapping. Specifically, the student data modules will be used to support building data teams as they investigate achievement gaps as identified by the PSSA, PVAAS, and future CDT data. Additional new technology applications include an Employee Access Center for viewing compensation and leave information; and a district secure intranet for posting forms and information for all staff.

The district keeps current with emerging technologies but supporting conference attendance, subscriptions to journals and publications, Intermediate Unit partnership, and networking with peers.

Goals and Strategies

Goal: 1: Empowering Individuals through Respectful Communication

Description: Create an environment of mutual trust, respect, and open communication so that we can achieve our strategic objectives and mission.

Strategy: 1.3 Interactions are conducted and choices are made with personal trustworthiness and integrity.

Description: In RTSD, interactions are conducted and choices are made with personal trustworthiness and integrity which results in RTSD recruiting, screening, hiring and retaining personnel to support the strategic objectives and mission.

Activity: 1.3a Evaluate current recruiting, screening, hiring and retention practices

Description: Review current recruiting, screening, hiring and retention practices in place within

Description: Conduct periodic meetings with standing employee groups reviewing human resource protocols.

Person Responsible Timeline for Implementation Resources

Citarelli, Dr. Vincent	Start: 1/1/2008	-
	Finish: Ongoing	

Status: Complete

Strategy: 1.4 Provide seamless access to information on the district and school web pages

Description: Stakeholder access to a variety of information regarding the activities and business of the school district is essential to garner support for the overall operations of the school district. Keeping the school district community informed regarding instructional practices and outcomes; operational plans, financial reporting, and school activities increases awareness and involvement of all stakeholders in actualizing the mission and vision of the school district.

Activity: 1.4a Reconfigure the district homepage to allow for parents to sign up for email alerts (Schoolwires)

Description: Allow parents to sign up for email alerts and eliminate paper mailings to parents who subscribe (Schoolwires); train key stakeholders (staff, parents, etc.) in the use of the eAlert system in Schoolwires.

Person Responsible Timeline for Implementation Resources

Cusano, Joan	Start: 1/1/2008	-
	Finish: Ongoing	

Status: Complete

Activity: 1.4b Provide teacher access to grade reporting from home

Description: Create a secure environment on which to post grades and train teachers in the use of an online grade reporting system.

Person Responsible Timeline for Implementation Resources

McCook, Dr. Byron	Start: 7/1/2010	-
	Finish: Ongoing	

Status: Complete

<u>Date</u>	<u>Comment</u>
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6/17/2010	RHS and RMS have completed this through HAC and TAC
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Activity: 1.4c Provide elementary electronic grade reporting

Description: In 2009-2010, develop plan for implementation of electronic grade reporting system (requires development of new elementary report cards); in 2010-2011 Implement elementary electronic daily attendance reporting with full and appropriate professional development.

<u>Person Responsible</u>	<u>Timeline for Implementation</u>	<u>Resources</u>
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McCook, Dr. Byron	Start: 7/1/2010 Finish: Ongoing	\$10,500.00
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Status: In Progress — Upcoming

<u>Date</u>	<u>Comment</u>
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7/5/2010	To begin discussion with the elementary principals for 2010 implementation; Use the model that was successful for RMS and RHS.
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Activity: 1.4d Provide parent access to grades online

Description: Set up secure system to allow parents to access student grades and attendance information from an online website. Develop minimum expectations for teachers regarding how often and what grade to post.

<u>Person Responsible</u>	<u>Timeline for Implementation</u>	<u>Resources</u>
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McCook, Dr. Byron	Start: 1/1/2008 Finish: Ongoing	-
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Status: Complete

Activity: 1.4e Provide parent sign up for conferences online

Description: In 2007-08, Pilot and select an online system for scheduling conferences(pickatime.com); in 2008-09, implement an online system (\$1250/school x 5 schools). Ongoing funding is through school building budget.

<u>Person Responsible</u>	<u>Timeline for Implementation</u>	<u>Resources</u>
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McCook, Dr. Byron	Start: 7/1/2011	-
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Finish: Ongoing

Status: Complete

Activity: 1.4f Expand the amount and type of information available on the district website

Description: Expand the amount and type of information available on the district website including but not limited to staff contact information and athletic information; send 2 people to Schoolwires Academy (2 people x \$3000/person) to receive increase district website usage

Person Responsible	Timeline for Implementation	Resources
None Selected	Start: 7/1/2008 Finish: 7/1/2013	\$12,000.00

Professional Development Activity Information

Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year
2.00	12	8

Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
Radnor Township School District Communications Coordinator, Dir. of Instructional Tech, Tech Support Personnel	<ul style="list-style-type: none"> School Entity 	Not approved

Knowledge and Skills	Research and Best Practices	Designed to Accomplish
Participants will learn how to post information, links, photos etc. on their individual or department web pages. This information will be used to instruct students, inform parents, and the public.	Research indicates that communication should be seamless and easily accessible by all. Schoolwires portal is user-friendly from the point of the creator and the users. Teacher websites can be use for assessments as well as providing differentiated activities for students.	<p><i>For classroom teachers, school counselors and education specialists:</i></p> <ul style="list-style-type: none"> 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.

For school and district administrators, and other

educators seeking leadership roles:

- Provides the knowledge and skills to think and plan strategically, 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 access and use appropriate data to inform decision-making.
- Empowers leaders to create a culture of teaching and learning, with an emphasis on learning.
- Instructs the leader in managing resources 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 • Other educational specialists 	<ul style="list-style-type: none"> • Early childhood (preK-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 • Arts & Humanities • Civics and Government • Health, Safety and Physical Education • World Languages • Kindergarten Early Learning Standards • Mathematics • History • Career Education and Work • Economics • Family and Consumer Sciences • Geography

Follow-up Activities

- Team development and sharing of

Evaluation Methods

- Classroom observation focusing on factors such as planning and preparation, knowledge of content, pedagogy

- content-area lesson implementation outcomes, with involvement of administrator and/or peers
 - Creating lessons to meet varied student learning styles
 - Peer-to-peer lesson discussions
- and standards, classroom environment, instructional delivery and professionalism.
 - Classroom student assessment data
 - Participant survey
 - Review of participant lesson plans
 - Review of written reports summarizing instructional activity

Status: Complete

Strategy: 1.5 Expand the amount and type of information available on the district Intranet (staff access)

Description: Increase access to information and create functional areas within the district's intranet for posting department and common information; various forms and applications; and other types of postings to reduce the dependence on paper, printing, and email attachments to create efficient and effective use of technology resources.

Activity: 1.5a Train department representatives on posting information for staff use on the Intranet

Description: Train key stakeholders in posting information for staff use on the district's intranet site. Postings include but are not limited to district forms, staff directory, etc. Staff training is job embedded. Midpoint review: training has occurred and will continue with new employees and/or refresher training.

Person Responsible Timeline for Implementation Resources

McCook, Dr. Byron	Start: 1/1/2008	-
	Finish: Ongoing	

Status: In Progress — Upcoming

Activity: 1.5b Provide user-friendly sharing of information between various groups

Description: Explore portals for sharing information (Schoolwires modules - Intranet by roles, Synergy web based portal for sharing documents); select portal and implement with appropriate professional development.

Person Responsible Timeline for Implementation Resources

McCook, Dr. Byron Start: 10/1/2010 -
 Finish: 8/1/2011

Status: In Progress — Upcoming

Date	Comment
6/11/2010	In new Technology Plan

Activity: 1.5c Provide user-friendly access to student information for data-driven decision-making

Description: Provide key stakeholders with professional development in the use of the district's assessment and curriculum management system and how to access data and create reports to inform instruction, and develop curriculum as well as professional development.

Person Responsible	Timeline for Implementation	Resources
Cusano, Joan	Start: 7/1/2010 Finish: 7/2/2012	-

Professional Development Activity Information

Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year
0.00	0	0

Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
Radnor Township School District	• School Entity	Approved

Knowledge and Skills	Research and Best Practices	Designed to Accomplish
access student data; organize and analyze student data to inform instruction		<p><i>For classroom teachers, school counselors and education specialists:</i></p> <ul style="list-style-type: none"> 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.

For school and district administrators, and other educators seeking leadership roles:

- Provides leaders with the ability to access and use appropriate data to inform decision-making.

Educator Groups Which Will Participate in this Activity

Role

- Classroom teachers
- Principals / asst. principals
- School counselors
- Other educational specialists

Follow-up Activities**Evaluation Methods**

- | | |
|---|--|
| <ul style="list-style-type: none">• Analysis of student work, with administrator and/or peers | <ul style="list-style-type: none">• Classroom observation focusing on factors such as planning and preparation, knowledge of content, pedagogy and standards, classroom environment, instructional delivery and professionalism.• Student PSSA data• Standardized student assessment data other than the PSSA• Classroom student assessment data• Participant survey |
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Status: In Progress — Upcoming

Strategy: 1.6 Maintain administrative and support staff access to information resources

Description: Coordinate the acquisition of hardware, software, training, maintenance, and support for providing an effective and efficient interface for managing and accessing information.

Activity: 1.6a Purchase and configure backup workstations for replacement during service

Description: Purchase and configure backup workstations for replacement during service and repair work.

Person Responsible Timeline for Implementation Resources

McCook, Dr. Byron	Start: 7/1/2010	\$55,800.00
	Finish: Ongoing	

Status: Complete

Activity: 1.6b Replace office computers

Description: Facilitate the replacement of failing support staff and administrative computers across the district.

Person Responsible Timeline for Implementation Resources

McCook, Dr. Byron	Start: 1/1/2008	\$187,500.00
	Finish: Ongoing	

Status: Complete

Activity: 1.6c Investigate and purchase electronic records retention service/solution for district data

Description: Investigate and purchase electronic records retention service/solution for district data

Person Responsible Timeline for Implementation Resources

McCook, Dr. Byron	Start: 7/1/2010	-
	Finish: Ongoing	

Status: In Progress — Upcoming

<u>Date</u>	<u>Comment</u>
6/11/2010	In the new Technology Plan

Activity: 1.6d Purchase administration software maintenance

Description: Purchase of administrative software licenses and maintenance for web-based management information system software. (Sungard eSchoolPlus, eFinancePlus, IEPPlus, Curriculum Connector, Employee Access Center, eCommunity, COGNOS report writing, and custom software support) .

Person Responsible Timeline for Implementation Resources

McCook, Dr. Byron	Start: 7/1/2011	\$480,000.00
	Finish: Ongoing	

Status: In Progress — Upcoming

Date	Comment
6/11/2010	In the new Technology Plan

Activity: 1.6e Purchase administration software upgrades

Description: Administration software upgrades and additional productivity software licenses (ie,MS. Office).

Person Responsible Timeline for Implementation Resources

McCook, Dr. Byron	Start: 7/1/2011	\$6,000.00
	Finish: Ongoing	

Status: In Progress — Upcoming

Date	Comment
6/11/2010	In the new Technology Plan

Activity: 1.6f Purchase administration server replacement

Description: Replacement of aged building level network file servers with redundant virtual servers and associated storage utilizing disaster recovery and business continuity models.

Person Responsible Timeline for Implementation Resources

McCook, Dr. Byron	Start: 7/1/2011	\$100,000.00
	Finish: Ongoing	

Status: In Progress — Upcoming

Date	Comment
6/11/2010	In the new Technology Plan

Activity: 1.6g Provide data warehouse support

Description: Provide data warehouse support for PerformancePLUS suite, Pennsylvania Information Management System, and other regulatory reporting.

Person Responsible Timeline for Implementation Resources

McCook, Dr. Byron	Start: 1/1/2008	\$75,000.00
	Finish: Ongoing	

Status: No Longer Occurring

Date	Comment
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6/11/2010	In the new Technology Plan
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6/30/2010	Included in activity 1.6.d under administrative software maintenance.
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Strategy: 1.7 Provide technology support for Special Education and Student Services

Description: Provide technical assistance regarding the review, selection, data conversion, and implementation of a new special education management system.

Activity: 1.7a Assist with the evaluation of special education information systems

Description: Provide coordination and technical support for the evaluation of special education reporting and management system.

Person Responsible Timeline for Implementation Resources

McCook, Dr. Byron	Start: 1/1/2008	-
	Finish: Ongoing	

Status: Complete

Strategy: 1.8 Maintain and update a high-speed, secure, digital infrastructure

Description: The existing technology infrastructure ranges in age between three and eighteen years depending on location within the school buildings and the administration building. Advances in technology supporting information access require greater throughput speed, enhanced security, increased disk storage, and faster processors. Assessment of the existing infrastructure, along with recommendations and acquisition of equipment, and security upgrades will position the district to continue to provide effective computing resources for the school district community.

Activity: 1.8a Replace/upgrade network security appliances

Description: Acquisition of additional firewall appliances at the school building level for internal network protection

Person Responsible Timeline for Implementation Resources

McCook, Dr. Byron	Start: 7/1/2012	\$69,500.00
	Finish: Ongoing	

Status: Complete

Activity: 1.8b Maintain Delaware County Fiber Optic Network service contract

Description: Maintain Delaware County Fiber Optic Network service contract

Person Responsible Timeline for Implementation Resources

McCook, Dr. Byron	Start: 7/1/2011	\$75,000.00
	Finish: Ongoing	

Status: In Progress — Upcoming

Date Comment

6/11/2010 In the new Technology Plan

Activity: 1.8c Conduct network performance and security assessment of the district-wide network

Description: Conduct annual network performance and security assessment of the district-wide network

Person Responsible Timeline for Implementation Resources

McCook, Dr. Byron	Start: 7/1/2011	\$15,000.00
	Finish: Ongoing	

Status: In Progress — Upcoming

Date Comment

6/11/2010 In the new Technology Plan

Activity: 1.8d Replace network infrastructure equipment (switches — access points - cabling - storage) where necessary

Description: Replace network infrastructure equipment, including switches, wireless access points, multiple redundant storage area networks (SANS), tape backup library, and increase network backbone to a 10GB connection.

Person Responsible Timeline for Implementation Resources

McCook, Dr. Byron	Start: 7/1/2011 Finish: Ongoing	\$488,000.00
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Status: In Progress — Upcoming

Date Comment

6/11/2010 In the new Technology Plan

Goal: 2: Inspiring Students through Quality Teaching and Engaging Curriculum

Description: Align and, if necessary, change our curriculum and instruction practices to achieve our strategic objectives and mission

Strategy: 2.2.1 Radnor Township School District has established a process that aligns the curriculum to the mission and identifies what students at all levels should know and be able to do.

Description: Radnor Township School District has established a process that aligns the curriculum to the mission and identifies what students at all levels should know and be able to do in order to achieve the strategic objectives and thrive as citizens in a global society.

Activity: 2.2.1a Support the integration of 21st Century skills in content area instruction; ACTS Program

Description: Provide support for the integration of 21st Century skills in content area instruction; Continue the ACTS Program (Aligning Curriculum and Technology to Standards) for 20 teachers per year. ACTS participants attend 6 days of professional development focused on developing lessons that incorporate 21st century skills and technology. Participants receive a laptop, SmartBoard or other equipment related to the unit they are developing (requires substitutes for 20 teachers x 4 days)

Person Responsible	Timeline for Implementation	Resources
Cusano, Joan	Start: 7/27/2010 Finish: 6/16/2013	\$240,000.00

Professional Development Activity Information		
Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year
7.00	6	20

Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
Radnor Township School District	<ul style="list-style-type: none"> School Entity 	Approved

Knowledge and Skills	Research and Best Practices	Designed to Accomplish
<ul style="list-style-type: none"> - Complete unit planning using the framework of Understanding by Design - Integrate of 21st century skills and technology to transform instruction and advance student learning 	<p>Current research is thoughtfully reviewed and implemented as appropriate.</p>	<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. <p><i>For school and district administrators, and other educators seeking leadership roles:</i></p> <ul style="list-style-type: none"> Empowers leaders to create a <u>culture of teaching and learning</u>, with an emphasis on learning. Instructs the leader in <u>managing resources</u> for effective results.

Educator Groups Which Will Participate in this Activity

Role

- Classroom teachers
- Principals / asst. principals
- Other educational specialists

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 	<ul style="list-style-type: none"> Participant survey Review of participant lesson plans Review of written reports summarizing instructional activity

- varied student learning styles
- Peer-to-peer lesson discussions
- Journaling and reflecting

Status: In Progress — Upcoming

Activity: 2.2.1b Support the integration of 21st Century skills in content area instruction; Tech Mentor Program

Description: Provide support for the integration of 21st Century skills in content area instruction; Technology Mentor Program: 2 RHS mentors, 2 RMS mentors and 1 elementary mentor per building will receive summer training in mentoring, UbD, 21st century skills and best practice when integrating technology. During the school year, these mentors will work with 2 teachers each to support those teachers integration of technology to advance student learning. (7 mentors x 3 days x 5 hours for summer training; 7 mentors and 14 mentees collaborate for 5 hours per month; stipend for mentors)

Person Responsible	Timeline for Implementation	Resources
Cusano, Joan	Start: 7/2/2012 Finish: 7/1/2013	\$35,040.00

Professional Development Activity Information

Number of Hours Per Session	Total Number of Sessions Per School Year	Estimated Number of Participants Per Year
2.00	10	24

Organization or Institution Name	Type of Provider	Provider's Department of Education Approval Status
Radnor Township School District	• School Entity	Approved

Radnor Township School District	• School Entity	Approved
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Knowledge and Skills	Research and Best Practices	Designed to Accomplish
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content knowledge; integrate technology to advance student learning	Current research is thoughtfully reviewed and implemented as appropriate.	<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,
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with attention given to interventions for struggling students.

Educator Groups Which Will Participate in this Activity

Role

- Classroom teachers

Follow-up Activities

Evaluation Methods

- Creating lessons to meet varied student learning styles
 - Peer-to-peer lesson discussions
 - Lesson modeling with mentoring
 - Journaling and reflecting
- Participant survey

Status: Not Started — Upcoming

Activity: 2.2.1c Provide online collaborative workspace for students and teachers

Description: Provide online collaborative workspace that enables teachers to create multimedia resources, perform formative assessments, differentiated learning opportunities, and communicate with individual students as they learn (workspace for RHS and RMS (i.e. Learning Portal Plus)

Person Responsible Timeline for Implementation Resources

None Selected	Start: 7/1/2010 Finish: Ongoing	\$15,000.00
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Status: In Progress — Upcoming

Date Comment

6/11/2010 In the new Technology Plan

Strategy: 2.5 All students will receive instruction in technology applications to access information and enhance learning

Description: As a result of student proficiency in the elementary and middle school grades, basic Microsoft Office Applications are no longer taught at the high school level. Students receive

instructor in basic technology applications from regular classroom teachers through authentic projects and lessons.

Activity: 2.5a Evaluate current high school technology courses, adjust content based on middle school course; develop middle school assessment for 9th grade placement

Description: 2 teachers x 1 day x 5 hours will evaluate and adjust high school technology courses

Person Responsible Timeline for Implementation Resources

Cusano, Joan	Start: 1/1/2008	-
	Finish: Ongoing	

Status: Complete

Activity: 2.5b Continue to articulate student proficiency in technology by grade level K-8 as part of all curriculum review process

Description: Continue to articulate student proficiency in technology by grade level (K-8) as part of all curricular review.

Person Responsible Timeline for Implementation Resources

Cusano, Joan	Start: 7/1/2011	\$6,148.00
	Finish: Ongoing	

Status: In Progress — Upcoming

Activity: 2.5c Formalize keyboarding lessons Grades 3,4,5

Description: Part of the curriculum process

Person Responsible Timeline for Implementation Resources

Cusano, Joan	Start: 1/1/2011	-
	Finish: Ongoing	

Status: In Progress — Upcoming

Strategy: 2.6 Technology will support curriculum and enhance instructional practice.

Description: Through the use of a part-time district technology coach, and work in development of curriculum and instructional practices, teachers will develop lessons infused with technology, use technology to access and analyze student information and post course/department/ and grade level resources on line.

Activity: 2.6a Provide Technology Coach district wide

Description: In 2012-13, add 0.5 coach to bring technology coach position up to 1.0

Person Responsible Timeline for Implementation Resources

Cusano, Joan	Start: 7/1/2011 Finish: Ongoing	\$186,000.00
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Status: No Longer Occurring

Activity: 2.6b Provide access to student assessment information to inform instruction

Description: 2008-2009 - Review student assessment systems (7 teachers x 2 days x \$100 for substitutes); 2009-2010 Purchase system and provide training; 2010-2011 Maintain system and provide training

Person Responsible Timeline for Implementation Resources

McCook, Dr. Byron	Start: 1/1/2008 Finish: Ongoing	\$15,485.00
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Status: In Progress — Upcoming

Activity: 2.6c Post technology infused model lessons on intranet

Description: Post technology infused model lessons on intranet

Person Responsible Timeline for Implementation Resources

Cusano, Joan	Start: 1/1/2011 Finish: Ongoing	-
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Status: In Progress — Upcoming

Activity: 2.6d Organize online resources by course/grade level/department

Description: Building technology staff will organize online resources by course/grade level/department

Person Responsible Timeline for Implementation Resources

Cusano, Joan	Start: 7/1/2011	-
	Finish: Ongoing	

Status: In Progress — Upcoming

Strategy: 2.7 Provide increased opportunities for professional development in the use of technology to support instruction

Description:

Activity: 2.7b Design focused learning opportunities for Administrators, Coaches/ Staff Developers, Instructional Assistants, Technology Resource Personnel, & Support personnel

Description: Provide professional education in instructional technology for Administrators and Coaches/ Staff Developers responsive to review of annual goals and student performance data. Plan to be updated annually.

Person Responsible Timeline for Implementation Resources

Cusano, Joan	Start: 1/1/2008	-
	Finish: Ongoing	

Status: In Progress — Upcoming

Strategy: 2.8 Equip all instructional areas with necessary hardware and software

Description: All instructional areas will have the necessary and appropriate equipment and software to support the academic standards necessary for that grade and/or course.

Activity: 2.8a Increase number of LCD projectors for large group instruction and permanently mount in classrooms

Description: Continue installation in Radnor High School, Radnor Elementary School, and Wayne Elementary School

Person Responsible Timeline for Implementation Resources

Cusano, Joan	Start: 7/1/2011 Finish: Ongoing	\$180,000.00
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Status: In Progress — Upcoming

Activity: 2.8b Add wireless mobile laptop carts

Description: Year 1 - 1 cart per elementary building; Radnor Middle School 100 laptops; Radnor High School 1 cart; Year 2 - 1 cart per elementary building; Radnor Middle School 100 laptops; Radnor High School 1 cart; Year 3 - Radnor High School 1 cart and evaluate needs in other school buildings.

Person Responsible Timeline for Implementation Resources

Cusano, Joan	Start: 7/1/2011 Finish: Ongoing	\$804,000.00
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Status: In Progress — Upcoming

Activity: 2.8c Maintain equipment, repair and upgrade, include replacement parts

Description: Maintain equipment, repair and upgrade, include replacement parts

Person Responsible Timeline for Implementation Resources

Cusano, Joan	Start: 7/1/2011 Finish: Ongoing	\$192,000.00
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Status: In Progress — Upcoming

Activity: 2.8d Replace building level file servers

Description: Replacement of aged building level network file servers with redundant virtual servers and associated storage utilizing disaster recovery and business continuity models.

Person Responsible Timeline for Implementation Resources

McCook, Dr. Byron	Start: 7/1/2011 Finish: Ongoing	\$200,000.00
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Status: In Progress — Upcoming

Activity: 2.8e Provide adequate supplies (value less than \$5,000) replacement computers, printers, etc.; Computer labs, Classroom computers, Laptops (teacher and student) and Classrooms for the Future

Description: Radnor High School classroom/lab replacement 100/year; Radnor Middel School classroom/lab replacement 50/year; Replace teacher laptops Radnor High School /Radnor Middle School 30 per year.

Person Responsible Timeline for Implementation Resources

Cusano, Joan	Start: 7/1/2011 Finish: Ongoing	\$600,000.00
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Status: In Progress — Upcoming

Activity: 2.8f Continue elementary PC migration

Description: 2008-2009: Add 12 PCs in Grade 4; 2009-2010: Add 12 PCs in Grade 3; 2010-2011: convert 3 elementary computer labs to PCs x 27 computers per lab

Person Responsible Timeline for Implementation Resources

Cusano, Joan	Start: 7/1/2008 Finish: 6/30/2010	-
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Status: Complete

Activity: 2.8g Support software and online programs

Description: Operating systems (Windows XP, Vista, OSX), Applications (Microsoft Office, Inspiration, etc.), Language Arts (Read 180, Project Lead the Way), Technology services (SchoolWires, Atomic Learning, Discovery Learning)

Person Responsible Timeline for Implementation Resources

Cusano, Joan	Start: 7/1/2011 Finish: Ongoing	\$315,000.00
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Status: In Progress — Upcoming

Activity: 2.8h Implement web-based access to electronic library catalog for all schools

Description: Coordinate the replacement of building level library management system with a web-based district level library management system to facilitate efficient and shared usage of library resources.

Person Responsible Timeline for Implementation Resources

McCook, Dr. Byron	Start: 1/1/2008	\$18,000.00
	Finish: Ongoing	

Status: Complete

Activity: 2.8i Explore open-source software applications

Description: Open source software is growing in popularity within educational systems across the country. Applications are being developed with the use of open source software that may be beneficial to our district. A review of the school district's instructional and productivity software that is currently in use will take place along with an analysis of available equivalent open source software to assess if a cost savings can be achieved.

Person Responsible Timeline for Implementation Resources

Cusano, Joan	Start: 1/1/2008	-
	Finish: Ongoing	

Status: No Longer Occurring

Date Comment

6/11/2010 Not currently a district priority.

Activity: 2.8j Add one tech support resource person to support increased number of laptops

Description: Additional technology support person for district technology laptop support.

Person Responsible Timeline for Implementation Resources

Cusano, Joan	Start: 1/1/2008	\$68,000.00
	Finish: Ongoing	

Status: No Longer Occurring

Date	Comment
6/11/2010	Lack of funding

Budget

Potential Budget for a NEW plan report that will span 7/1/2011 to 6/30/2014

Funding Source	2011-2012	2012-2013	2013-2014	Total
010 - ADMINISTRATIVE BUDGET	\$120,648.00	\$202,020.00	\$205,020.00	\$527,688.00
020 - CURRICULUM DEVELOPMENT AND INSTRUCTIONAL IMPROVEMENT SERVICES	\$105,000.00	\$105,000.00	\$105,000.00	\$315,000.00
050 - CONTINUING PROFESSIONAL EDUCATION SERVICES	\$8,000.00	\$8,000.00	\$0.00	\$16,000.00
Other	\$1,073,300.00	\$1,056,300.00	\$912,800.00	\$3,042,400.00
Grand Total	\$1,306,948.00	\$1,371,320.00	\$1,222,820.00	\$3,901,088.00

Goal: 1: Empowering Individuals through Respectful Communication

Create an environment of mutual trust, respect, and open communication so that we can achieve our strategic objectives and mission.

1.4 Provide seamless access to information on the district and school web pages	2011-2012	2012-2013	2013-2014	Total	Funding Source
1.4c Provide elementary electronic grade reporting	\$4,500.00	\$3,000.00	\$3,000.00	\$10,500.00	010 - ADMINISTRATIVE BUDGET
1.6 Maintain administrative and support staff access to information resources	2011-2012	2012-2013	2013-2014	Total	Funding Source
1.6a Purchase and configure backup workstations for replacement	\$9,300.00	\$9,300.00	\$9,300.00	\$27,900.00	Other

during service						
1.6d Purchase administration software maintenance	\$157,000.00	\$160,000.00	\$163,000.00	\$480,000.00	Other	
1.6e Purchase administration software upgrades	\$2,000.00	\$2,000.00	\$2,000.00	\$6,000.00	Other	
1.6f Purchase administration server replacement	\$50,000.00	\$0.00	\$50,000.00	\$100,000.00	Other	
1.8 Maintain and update a high-speed, secure, digital infrastructure	2011-2012	2012-2013	2013-2014	Total	Funding Source	
1.8a Replace/upgrade network security appliances	\$0.00	\$50,000.00	\$19,500.00	\$69,500.00	Other	
1.8b Maintain Delaware County Fiber Optic Network service contract	\$24,000.00	\$24,000.00	\$27,000.00	\$75,000.00	010 - ADMINISTRATIVE BUDGET	
1.8c Conduct network performance and security assessment of the district-wide network	\$5,000.00	\$5,000.00	\$5,000.00	\$15,000.00	Other	
1.8d Replace network infrastructure equipment (switches — access points - cabling - storage) where necessary	\$218,000.00	\$198,000.00	\$72,000.00	\$488,000.00	Other	
Subtotal	\$469,800.00	\$451,300.00	\$350,800.00	\$1,271,900.00		

Goal: 2: Inspiring Students through Quality Teaching and Engaging Curriculum

Align and, if necessary, change our curriculum and instruction practices to achieve our strategic objectives and mission

2.2.1 Radnor Township School District has established	2011-2012	2012-2013	2013-2014	Total	Funding Source
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a process that aligns the curriculum to the mission and identifies what students at all levels should know and be able to do.

2.2.1a Support the integration of 21st Century skills in content area instruction; ACTS Program	\$40,000.00	\$40,000.00	\$0.00	\$80,000.00	Other
2.2.1a Support the integration of 21st Century skills in content area instruction; ACTS Program	\$8,000.00	\$8,000.00	\$0.00	\$16,000.00	050 - CONTINUING PROFESSIONAL EDUCATION SERVICES
2.2.1b Support the integration of 21st Century skills in content area instruction; Tech Mentor Program	\$0.00	\$17,520.00	\$17,520.00	\$35,040.00	010 - ADMINISTRATIVE BUDGET
2.2.1c Provide online collaborative workspace for students and teachers	\$5,000.00	\$5,000.00	\$5,000.00	\$15,000.00	010 - ADMINISTRATIVE BUDGET
2.5 All students will receive instruction in technology applications to access information and enhance learning	2011-2012	2012-2013	2013-2014	Total	Funding Source
2.5b Continue to articulate student proficiency in technology by grade level K-8 as part of all curriculum review process	\$1,148.00	\$2,500.00	\$2,500.00	\$6,148.00	010 - ADMINISTRATIVE BUDGET
2.6 Technology will support	2011-2012	2012-2013	2013-2014	Total	Funding Source

**curriculum and
enhance
instructional
practice.**

2.6a Provide Technology Coach district wide	\$36,000.00	\$75,000.00	\$75,000.00	\$186,000.00	010 - ADMINISTRATIVE BUDGET
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2.8 Equip all instructional areas with necessary hardware and software

	2011-2012	2012-2013	2013-2014	Total	Funding Source
2.8a Increase number of LCD projectors for large group instruction and permanently mount in classrooms	\$60,000.00	\$60,000.00	\$60,000.00	\$180,000.00	Other
2.8b Add wireless mobile laptop carts	\$268,000.00	\$268,000.00	\$268,000.00	\$804,000.00	Other
2.8c Maintain equipment, repair and upgrade, include replacement parts	\$64,000.00	\$64,000.00	\$64,000.00	\$192,000.00	Other
2.8d Replace building level file servers	\$50,000.00	\$75,000.00	\$75,000.00	\$200,000.00	010 - ADMINISTRATIVE BUDGET
2.8e Provide adequate supplies (value less than \$5,000) replacement computers, printers, etc.; Computer labs, Classroom computers, Laptops (teacher and student) and Classrooms for the Future	\$200,000.00	\$200,000.00	\$200,000.00	\$600,000.00	Other
2.8g Support software and online programs	\$105,000.00	\$105,000.00	\$105,000.00	\$315,000.00	020 - CURRICULUM DEVELOPMENT AND INSTRUCTIONAL

IMPROVEMENT
SERVICES

Subtotal \$837,148.00 \$920,020.00 \$872,020.00 \$2,629,188.00

Grand Total \$1,306,948.00 \$1,371,320.00 \$1,222,820.00 \$3,901,088.00

Staff Development

Professional Development for the Technology Plan

The following activities are detailed in the strategic plan:

2.2.1.a. Provide support for the integration of 21st Century skills in content area instruction.

2.7.a. Provide differentiated learning opportunities with accountability for all staff: collaborative planning, graduate level courses, PDE and other online courses, conference attendance, in-service days, substitutes, supplemental pay

2.6.a. Provide technology coaching

Professional development activities will be facilitated by the Director of Instructional Technology, Supervisors of Instruction, Literacy Coordinator, Literacy Coaches, and the Technology Staff Developer. Professional development for instructional technology is scheduled to take place on in-service days as part of curriculum work. Technology sessions scheduled on in-service days have required attendance. Teachers may select instructional technology for their annual goal for their flex professional development. This selection is based on each teacher's self-assessment to determine need in the areas of technology, literacy and differentiated instruction. In addition, the district has continued the CORE Teaching Skills program initiated a number of years ago through PDE. Each year, approximately twenty teachers submit an application to receive a piece of technology (laptop, smart board, iPods, document camera, etc.) and participate in 36 hours of professional development. During that time they develop a content area lesson integrating technology using the Understanding by Design model for curriculum development.

In addition to professional development opportunities provided by the district, a partnership has been developed with the Penn Literacy Network of the University of Pennsylvania to provide onsite graduate courses. Teachers also participate in professional development opportunities offered at the Delaware County Intermediate Unit. With the implementation of any new initiative, vendor training is always scheduled as a critical component of the rollout. In addition, staff members participate in webinars to increase understanding of new technologies, skills, productivity and instructional applications as well as strategies for integration.

Monitoring

The district will use current protocols such as feedback from monthly building level technology committee meetings, classroom observations, and the annual PATI Survey to assess the use and relationship of technology on instructional delivery, formative assessment, and student engagement.

Evaluation

The district will evaluate data collected through assessment tools, applications and web-based programs with data from additional sources (district benchmarks, PSSAs, etc.) to evaluate current uses of technology and its impact on student achievement.