

FIVE-YEAR STRATEGIC PLAN 2005-2010

Annual Update 2007

E-rate Funding Year 2008-2009

BROOKE COUNTY SCHOOLS BROOKE COUNTY BOARD OF EDUCATION

1201 PLEASANT AVENUE

WELLSBURG WV 26070-0

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"Good plans shape good decisions.
That's why good planning helps to make elusive dreams come true."
Lester R. Bittel, *The Nine Master Keys of Management*

Technology Plan

Submitted by - mkd10001 2007-09-17 17:10:04.0

E-rate Year 2008-2009

Federal Compliances

Federal/State Compliances listed below must be addressed in the county/school plan.

Technology -01 – USING TECHNOLOGY EQUIPMENT/INFRASTRUCTURE FOR EQUITABLE ACCESS TO 21ST CENTURY TECHNOLOGY TOOLS

List one or more activity/strategy that describes how the county/school will budget for and use the technology equipment/infrastructure that supports the acquisition of twenty-first century skills. The action steps should ensure that the capabilities of the technology infrastructure are adequate for acceptable performance of the technology being implemented in the public schools.

Technology 02 - TECHNOLOGY INTEGRATION FOR 21ST CENTURY SKILLS/STUDENT ACHIEVEMENT

List one or more activity/strategy that focuses on using technology to improve achievement of all students with special emphasis on high need and high poverty students. The strategies/action steps should include how 21st century tools and skills will allow students to access information, solve problems, communicate clearly, make informed decisions, acquire new knowledge, construct products, reports and systems and access online assessment systems.

Technology 03- PROVIDING COLLABORATION/COMMUNICATION TOOLS (TELECOMMUNICATIONS NETWORK/EMAIL)

List one or more activity/strategy that describes how the county/school will ensure that the use of telecommunications and internal connections in the schools will enhance student learning. The action steps/strategies should ensure sufficient bandwidth to support teaching and learning and to provide satisfactorily for instructional management needs.

Technology 04- INCREASED ACCESS FOR STUDENTS AND TEACHERS TO 21ST CENTURY TOOLS

List one or more activity/strategy that describes how the county/school will provide increased access to technology for students and teachers. .

Technology 05 – DELIVERY OF 21ST CENTURY CONTENT THROUGH DISTANCE LEARNING

List one or more activity/strategy that describes how the county/school will use innovative strategies (e.g., distance learning) to provide for an effective model for the distance delivery or virtual delivery of instruction in subjects where there exists low student enrollment or a shortage of certified teachers or where the delivery method substantially improves the quality of an instructional program (e.g., WV Virtual School).

Technology 06- 21ST CENTURY PARENT/COMMUNITY/PARTNERSHIP COLLABORATION

Include strategies for promoting collaboration with various partners including parents, community organizations, higher education, schools of colleges and universities, employers and content providers.

Technology 07- PROFESSIONAL DEVELOPMENT FOR 21ST CENTURY INSTRUCTION

Include professional development activities for using the telecommunications network for training teachers and administrators to improve the integration of technology. Include strategy(ies) (e.g., technology integration specialists). to provide ongoing support and assistance to teachers in integrating technology into twenty-first century instruction.

Technology 08- MAINTENANCE AND REPAIR OF 21ST CENTURY TOOLS

List one or more activity/strategy that describes how the school/county will implement, support, maintain and repair all computer equipment and internal connections.

Technology 09- ADULT LITERACY

List one or more activity/strategy that describes how the school/ county will collaborate with adult literacy providers when appropriate.

Narrative Summary

The county and school technology plans provide a description of how the county and schools plan to allocate adequate resources to provide students with equitable access to 21st century technology tools, including instructional offerings and appropriate curriculum, assessment and technology integration resources aligned to both the content and rigor of state content standards as well as to learning skills and technology tools. The plans include the various technologies that enable and enhance the attainment of 21st century skills outcomes for all students. How we plan for technology in our county and schools is based upon the validation from research-based evaluation findings from previous West Virginia-based evaluation projects.

In addition, through the technology planning process, the county and schools continue to study and include emerging technologies for application in a twenty-first century learning environment. The purchase of technology through state contracts provides for uniformity in technological hardware and software standards and procedures. State provided anti-virus protection software helps to ensure network security and integrity. Expanded bandwidth, along with additional local, state and federal funding, provide increased ability for the county to ensure that the

capabilities and capacities of the technology infrastructure are adequate for acceptable performance of the technology being implemented in the public schools. As an additional benefit, the county and schools enjoy the opportunity to purchase from state contracts that allow us to be able to take advantage of appropriate bulk purchasing abilities and to purchase from competitively bid contracts.

An added benefit for our county and school data collection and reporting to the Department of Education and to the federal government is WVEIS, the state-provided comprehensive statewide uniform integrated education management and information system. Also developed by WVEIS, the online county and school's technology plan's structure allows flexibility to adjust the plan based on developing technology, federal and state requirements and changing local school and county needs. The online county and school technology plans are developed in compliance with United States Department of Education regulations and Federal Communications Commission requirements for federal E-rate discounts. The county and schools also continue to seek applicable federal government funds, philanthropic funds, and other partnership funds (or any combination of these types of funds) to augment state appropriations and encourage the pursuit of funding through grants, gifts and donations.

Some technology initiatives in schools and counties may not be adequately addressed in the goals/objective/strategy section of the technology planning section. The county and school narrative allow planning teams to structure a framework/narrative description to describe how the county and schools will allocate adequate resources to provide students and teachers to twenty-first century technology tools,

Technology Needs Assessment

All schools have been upgraded to a T1 frame relay Internet Connection; Brooke High School received its second multi-linked T1. A building-wide wireless network system has been provided to Brooke High School.

Our long term goal is to have all XP computers county wide with emphasis on Windows Vista. Last year 13.3% of our computers were Windows 95, 56.1% were Windows 98 and 30.7% were Windows XP. At the start of the school year 2007-2008 Brooke County was able to enhance the operating systems of all computers. Currently, 1.99% of the computers are Windows 95, 50.51% are Windows 98, 47.34% are windows XP and less than 1% are Windows Vista. We wil continue to increase all computers to Windows XP and ultimately to Windows Vista.

Another long term goal is to develop a Wide Area Network(WAN)for the county and to have the WAN operation centralized in the Brooke County Board of Education administrative office. Brooke County Board of education hired a Network Admionistrator for the start of the school year 2007-2008.

Using Success Technology, Basic Skills Technology, Ed Tech and other WV State Funding it will take 3 more years to upgrade (K-12) computers to upgrade to Windows 98 or higher. Using state funding only, it will take about 5 years to complete an upgrade cycle. Our goal is to add local funding and/or additional grants to allow a 5 year upgrade cycle to ensure that we are meeting the goals of 21st Century Learning.

In addition to computers, our goal is to upgrade servers, printers and other technologies that will enhance the 21st century educational structure of the students.

We are very actively pursuing as a long term goal to have data projectors in all the classrooms and the installation and immediate availabilty of interactive whiteboards.

Professional Development is needed along with the technologies to meet the goals of 21st Century Learning.

Action Steps

Technology 01-Using Technology Equipment/Infrastructure for Equitable Access to 21st Century Technology Tools

Plan Section Technology

Associated Goals/Objectives Technology

Associated High Yield Strategies None

Action Step TECH/01: Provide 21st century hardware and a stable, state of the art 21st century infrastructure for the effective use of technology

01 - Purchase classroom and communication equipment for special education instruction (Special Ed). Special education teachers will acquire assistive technology devices for special edcuation students in the school as addressed in the students' IEPs.

02 - Title I Staff and Classroom Teachers will utilize technology(Palm Pilots) to record, assess, and remediate student mastery of Reading/Language Arts Content Standards. (T-6)

03 - To provide computers in all classrooms so student not completing work while in a lab to keep pace with other students. (T-15)

04 - Additional technology hardware and software will be purchased to replace older technology, and provisions will be made to maintain the current student-to-computer ratio.(

Projected Begin **Projected End Date** **Actual Begin Date** **Actual End**

Date June 30, 2010 ? **Date** ?
 July 1, 2007

Purpose Purpose
 To ensure that the capabilities of the technology infrastructure are adequate for acceptable performance of the technology being implemented in Brooke County schools.

Persons Responsible

Federal Compliances
 Technology 01-Using Technology Equipment/Infrastructure for Equitable Access to 21st Century Technology Tools

Plan Section Special Education

Associated Goals/Objectives Technology

Associated High Yield Strategies Innovative Approaches to Meeting Subgroup Needs ,Strategies that Develop Students having 21st Century Learning Skills

Action Step Purchase classroom and communication equipment. (T-3)

Projected Begin Date July 1, 2007
Projected End Date June 30, 2008
Actual Begin Date July 1, 2007
Actual End Date June 30, 2008

Purpose To provide appropriate equipment for special education instruction
Persons Responsible Special Education Director: Joyce Rea

Target Audience
 Special Education classrooms and students

Federal Compliances Special Education 03. Materials Supplies and Equipment, Technology 01-Using Technology Equipment/Infrastructure for Equitable Access to 21st Century Technology Tools
Federal Compliance Monies \$ 12,000.00

SpecEd School Age-\$ 12,000.00

Plan Section Title II

Associated Goals/Objectives Mathematics Grade 10 ,Reading/Language Arts Grade 10 ,Mathematics Grades 5-8 ,Reading/Language Arts Grades 5-8 ,Mathematics Grades 3-4 ,Reading/Language Arts Grades 3-4

Associated High Yield Strategies Prioritization and Mapping ,Performance Benchmarks ,Innovative Approaches to Meeting Subgroup Needs

Action Step Title II Content Standards - Mapping and Benchmarking. (T-4)

Projected Begin Date August 27, 2007
Projected End Date June 10, 2008
Actual Begin Date October 5, 2007
Actual End Date June 10, 2008

Purpose To enhance student achievement
Persons Responsible Building principals/Teachers/curriculum Teams

Target Audience
 Teachers and Administrators

Federal Compliances Title II 02. Professional Development, Technology 01-Using Technology Equipment/Infrastructure for Equitable Access to 21st Century Technology Tools

Technology 02-Technology Integration for 21st Century Skills/Student Achievement

Plan Section County plan

Associated Goals/Objectives Reading/Language Arts Grade 10 ,Reading/Language Arts Grades 5-8 ,Reading/Language Arts Grades 3-4
Associated High Yield Strategies Integration of 21st Century Learning ,Innovative Approaches to Meeting Subgroup Needs ,Strategies that Develop Students having 21st Century Learning Skills

Action Step Emphasize writing across the curriculum. (T-7)

Projected Begin Date August 27, 2007	Projected End Date June 10, 2008	Actual Begin Date August 27, 2007	Actual End Date June 10, 2008
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Purpose Meet OEPA requirements and writing assesment scores
Persons Responsible All school principals

Federal Compliances Technology 02-Technology Integration for 21st Century Skills/Student Achievement

Plan Section County plan

Associated Goals/Objectives Reading/Language Arts Grade 10
Associated High Yield Strategies Innovative Approaches to Meeting Subgroup Needs

Action Step Identification of students not achieving mastery in Reading/Language Arts on the WESTEST. (T-9)

Projected Begin Date August 24, 2007	Projected End Date August 28, 2007	Actual Begin Date August 24, 2007	Actual End Date August 28, 2007
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Purpose To establish a Language Arts "Basic Skills" course for in-coming 9th graders who did not acieve mastery in Reading/Language Arts on the WESTEST while in 8th grade.
Persons Responsible Principals Teachers Counselors Central office

Target Audience Students

Federal Compliances Technology 02-Technology Integration for 21st Century Skills/Student Achievement

Plan Section County plan

Associated Goals/Objectives Mathematics Grades 5-8
Associated High Yield Strategies Use of Data to Target Improvement Efforts

Action Step Implementation of "Standards Based" Mathematics Curriculum in the middle school classrooms. (T-10)

Projected Begin Date August 27, 2007	Projected End Date June 10, 2008	Actual Begin Date August 27, 2007	Actual End Date June 10, 2008
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Purpose To establish a curriculum that will utilize teaching strategies that will reach all students.
Persons Responsible Principals Teachers Central office

Target Audience Students

Federal Compliances Technology 02-Technology Integration for 21st

Plan Section County plan

Associated Goals/Objectives Mathematics
Grade 10

Associated High Yield Strategies Use of Data to Target Improvement Efforts

Action Step TE: Identification of students not meeting mastery in Mathematics on the WESTEST. (T-13)

Projected Begin Date August 29, 2007	Projected End Date September 7, 2007	Actual Begin Date August 29, 2007	Actual End Date September 7, 2008
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Purpose To establish a mathematics "Basic Skills" course for incoming 9th graders who did not achieve mastery in Mathematics on the WESTEST while in 8th grade.

Persons Responsible
Principals
Teachers
Counselors
Central Office

Target Audience
Students

Federal Compliances Technology
02-Technology Integration for 21st Century Skills/Student Achievement

Plan Section Technology

Associated Goals/Objectives Technology

Associated High Yield Strategies None

Action Step TECH/02: Focus on 21st century technology tools and resources that improve achievement of all students, with a special emphasis on high need and low SES students.

- 01 - Title I Staff and Classroom Teachers will utilize technology(Palm Pilots) to record, assess, and remediate student mastery of Reading/Language Arts Content Standards. (T-6)
- 02 - Title 5 Purchase Cognitive Tutor for Algebra and Geometry. (T-5)
- 03 - Continue Carnegie Learning Cognitive Tutor in Algebra I and Geometry and expand to include Algebra II. (T-8)
- 04 - Identification of students not achieving mastery in Reading/Language Arts on the WESTEST and using technology to remediate skills. (T-9)
- 05 - Implementation of "Standards Based" Mathematics Curriculum in the middle school classrooms.
- 06 - Students in all grades will utilize the Computer Lab to enhance writing skills. (T-12)
- 07 - Students in grades 9-12 will continue Carnegie Learning Cognitive Tutor in Algebra I and Geometry and expand to include Algebra II. (T-11)
- 08 - Title I Utilize 21st Century equipment to provide professional and instructional assistance to teachers. Introduce and familiarize k-4 teachers with available internet resources to assist student mastery
- 09 - All K-6 schools will utilize 3rd party software (World Book, Accelerated Reader, Math Flash, Quizdom etc.) and internet sites (Grolier Multimedia Encyclopedia, Reinventing Ed., I KNOW, Marco Polo, Plato, The Solution Site) to align their curriculum with the WV Math and Reading Content Standards and the WV Technology Standards.
- 10 - All K-6 students will spend a minimum of 2 hours a week working on the Basic Skills/Compass Curriculum that is aligned with the WV Math and Reading Content Standards and the WV Technology Standards using computers in the computer lab or classroom.
- 10 - Purchase materials, supplies, and equipment to ensure the provision of FAPE for eligible students with disabilities and exceptionalities, as appropriate, specifically evaluation instruments and related items required to identify students with disabilities, classroom materials and supplies, and computer equipment for special education classrooms.
- 11 - High need students in grades 9-12 will continue to take Learning Skills classes for students below the Mastery level in Total Reading and Math. Teacher will use a software program that enhances deficit skills as determined through pre-testing.

Projected Begin Date July 1, 2007	Projected End Date June 30, 2010	Actual Begin Date ?	Actual End Date ?
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Purpose To improve the use of 21st century tools and resources to improve student achievement.

Persons Responsible

Federal Compliances Technology

Plan Section Special Education

Associated Goals/Objectives Mathematics Grade 10 ,Reading/Language Arts Grade 10 ,Mathematics Grades 5-8 ,Reading/Language Arts Grades 5-8 ,Mathematics Grades 3-4 ,Reading/Language Arts Grades 3-4 ,Graduation Rate ,Weapons/Violence Violations ,Technology

Associated High Yield Strategies Highly Qualified Teachers

Action Step To employ highly qualified teachers in all classes including content and special education classes. (T-16)

Projected Begin Date July 1, 2007	Projected End Date June 30, 2008	Actual Begin Date July 1, 2007	Actual End Date June 30, 2008
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Purpose To ensure that all students will receive high quality instruction from highly qualified personnel.

Persons Responsible Central Office and Principals

Target Audience Teachers

Federal Compliances Technology 02-Technology Integration for 21st Century Skills/Student Achievement

Technology 03-Providing Collaboration/Communication Tools (Telecommunications Network/Email)

Plan Section Title I

Associated Goals/Objectives Mathematics Grades 3-4 ,Reading/Language Arts Grades 3-4 ,Technology

Associated High Yield Strategies Instructional Monitoring System ,Innovative Approaches to Meeting Subgroup Needs

Action Step Title I Utilize 21st Century equipment to provide professional and instructional assistance to teachers. (T-19)

Projected Begin Date August 27, 2007	Projected End Date June 10, 2008	Actual Begin Date August 27, 2007	Actual End Date June 10, 2008
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Purpose Introduce and familiarize k-4 teachers with available internet resources to assist student mastery

Persons Responsible Title I Director and Staff

Target Audience K-4 teachers, students,and families

Federal Compliances Title I 03. Professional Development, Technology 03-Providing Collaboration/Communication Tools (Telecommunications Network/Email)

Plan Section Technology

Associated Goals/Objectives Technology

Associated High Yield Strategies None

Action Step TECH/03: Ensure that the use of telecommunications and internal connections in the schools will enhance student learning.

- 01** - Adequate phone lines, long distance lines and cellular communications will provided in all schools and other school buildings.(T-41)
- 02** - Implement a WAN in Brooke County
- 03** - All schools will maintain an active web site with links to school information, school calendars, school newsletters

and teachers pages.

04 - High School activities and information will be available by the schools web site at <http://bhs.brook.k12.wv.us>. Included activities will be the Internet Use Policy, lunch menus, athletic schedules, and schedules of other school activities. Information will include school telephone numbers, the student handbook, and career guidance information.(T-18)

05 - A minimum of a T1 Frame Relay Internet Access lines will be provided to each school in the county. Multiple T1 Frame Relay Internet access will be available at Brooke High School.(T-20)

Projected Begin Date	Projected End Date	Actual Begin Date	Actual End Date
July 1, 2007	June 30, 2010	?	?

Purpose To improve communication, provide access to the Internet (standards based lesson plans and digital resources) and access to WVEIS.

Persons Responsible

Federal Compliances Technology
03-Providing
Collaboration/Communication Tools
(Telecommunications Network/Email)

Technology 04-Increased Access for Students and Teachers to 21st Century Tools

Plan Section Technology

Associated Goals/Objectives Technology **Associated High Yield Strategies** None

Action Step TECH/04: Provide increased access for students and teachers to 21st century tools and resources

- 01** - Computers Labs and Classroom Computers in all school will be replaced on a rotating basis.(
- 02** - Students will be provided after school access to Computer Lab or computers in the classroom on a regular basis.(T-22)

Projected Begin Date	Projected End Date	Actual Begin Date	Actual End Date
July 1, 2007	June 30, 2010	?	?

Purpose To improve the integration of 21st century tools and resources across the curriculum to provide rigor, enhance learning and improve student achievement

Persons Responsible

Federal Compliances
Technology 04-Increased
Access for Students and
Teachers to 21st Century
Tools

Technology 05-Delivery of 21st Century Content through Distance Learning

Plan Section County plan

Associated Goals/Objectives Reading/Language Arts Grades 5-8 **Associated High Yield Strategies** Curriculum Monitoring Process ,Prioritization and Mapping ,Innovative Approaches to Meeting Subgroup Needs

Action Step Identification of students not meeting mastery in Reading/Language Arts on the WESTEST. (T-27)

Projected Begin Date	Projected End Date	Actual Begin Date	Actual End Date
August 24, 2007	August 28, 2007	August 24, 2007	August 28, 2007

Purpose To establish a Reading/Language Arts "Basic Skills"

Persons Responsible Principals Teachers

Target Audience
Students

course for middle school students not achieving mastery in Reading/Language Arts on the WESTEST. Counselors Central Office

Federal Compliances Technology
05-Delivery of 21st Century Content through Distance Learning

Plan Section Technology

Associated Goals/Objectives Technology

Associated High Yield Strategies None

Action Step TECH/05: Utilize innovative strategies for providing rigorous and specialized courses that may not be available without the use of 21st century tools and resources

- 01 - Teachers will develop lessons in which students can take virtual field trips; i.e. Marco Polo, WebQuest, etc...
- 02 - High School Department Meetings will explore the use of distance and virtual learning to enhance their curriculum.

Projected Begin Date July 1, 2007	Projected End Date June 30, 2010	Actual Begin Date ?	Actual End Date ?
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Purpose To provide for an effective model for the distance delivery or virtual delivery of instruction in subjects where there exists low student enrollment or a shortage of certified teachers or where the delivery method substantially improves the quality of an instructional program (e.g., WV Virtual School).

Persons Responsible

Federal Compliances Technology
05-Delivery of 21st Century Content through Distance Learning

Technology 06-21st Century Parent/Community/Partnership Collaboration

Plan Section Title I

Associated Goals/Objectives None

Associated High Yield Strategies Classroom Environments ,Effective Preschool Programs ,Innovative Approaches to Meeting Subgroup Needs ,Parents as Respected and Valued Partners ,Change Based on Internal and External Factors

Action Step Title I: Coordinate parent involvement activities with preschool programs during our Title 1 Schools' Kindergarten Visitation Day. (T-32)

Projected Begin Date August 22, 2007	Projected End Date May 30, 2008	Actual Begin Date August 22, 2007	Actual End Date May 30, 2008
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Purpose Assist parents in transitioning their child from preschool to elementary school.

Persons Responsible Title 1 Director Pre-School Staff Title 1 Principals Title 1 Teachers Kindergarten Teachers

Target Audience In coming kindergartners for the next school year. Parents and families

Federal Compliances Technology
06-21st Century Parent/Community/Partnership

Collaboration

Plan Section Technology

Associated Goals/Objectives Technology

Associated High Yield Strategies None

Action Step TECH/06: Promote parental involvement and improved collaboration with community/home through the user of 21st century tools and resources

- 01 - After-school services on the Internet for students, staff and the community.(
- 02 - Provide computer classes at Brooke County Library.
- 03 - Publish Monthly Newsletter that will communicate activities and achievements of students at the school. It will be mailed to the parents/guardians of each student and will also be available on the school web site.
- 04 - Coordinate parent involvement activities with preschool programs during our Title 1 Schools' Kindergarten Visitation Day.

Projected Begin Date July 1, 2007	Projected End Date June 30, 2010	Actual Begin Date ?	Actual End Date ?
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Purpose To improve communication and collaboration among stakeholders
Persons Responsible

Federal Compliances Technology
 06-21st Century Parent/Community/Partnership Collaboration

Technology 07-Professional Development for 21st Century Instruction

Plan Section County plan

Associated Goals/Objectives Technology

Associated High Yield Strategies Classroom Environments ,Innovative Approaches to Meeting Subgroup Needs ,Change Based on Internal and External Factors

Action Step Emphasize 21st century skills necessary for Life Long Learning.

Projected Begin Date July 1, 2007	Projected End Date June 30, 2008	Actual Begin Date July 1, 2007	Actual End Date June 30, 2008
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Purpose To acquire the skills for life long learning
Persons Responsible central office
Target Audience Teachers Administrators

Federal Compliances Technology
 07-Professional Development for 21st Century Instruction

Plan Section County plan

Associated Goals/Objectives Mathematics Grade 10 ,Mathematics Grades 5-8 ,Mathematics Grades 3-4

Associated High Yield Strategies Analyze Trends and Establish Priorities for School Improvement ,District Monitoring System for School Accountability ,Use of Data to Target Improvement Efforts

Action Step Encourage attendance at Mathematic national, state, regional and county conferences, workshops or institutes. (T-35)

Projected Begin Date August 23, 2007	Projected End Date June 9, 2008	Actual Begin Date August 23, 2007	Actual End Date June 9, 2008
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Purpose To increase teachers' awariness in Math
Persons Responsible Math Leadership Team
Target Audience teachers and administrators

Federal Compliances Technology
07-Professional Development for
21st Century Instruction

Plan Section Technology

Associated Goals/Objectives Technology

Associated High Yield Strategies None

Action Step TECH/07: Provide professional development for using the telecommunications network for training teachers and administrators to improve the integration of 21st century tools and resources

- 01 - Provide training and technical support for computerized IEP's. (Title II)
- 02 - All teachers will receive staff development training on Integrating Technology into their classroom.
- 03 - Provide Computer Training: Basic Skills (Odyssey and Compass Learning)
- 04 - Improve teacher awareness by doing Professional Staff Development with a focus on integration of technology in the Science Classroom
- 05 - Improve teacher awareness by doing Professional Staff Development with a focus on integration of technology in the Math Classroom.
- 06 - Improve teacher awareness by doing Professional Staff Development with a focus on using the "Online Scoring Process" in Writing.

Projected Begin Date July 1, 2007	Projected End Date June 30, 2010	Actual Begin Date ?	Actual End Date ?
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Purpose To use the telecommunications network for training teachers and administrators to improve the use of 21st century tools and digital resources

Persons Responsible

Federal Compliances Technology
07-Professional Development for
21st Century Instruction

Plan Section Special Education

Associated Goals/Objectives Technology

Associated High Yield Strategies Highly Qualified Teachers ,Innovative Approaches to Meeting Subgroup Needs ,Strategies that Develop Students having 21st Century Learning Skills

Action Step SE: Special education teachers will acquire assistive technology devices for special education students in the school as addressed in the students' IEPs. (T-37)

Projected Begin Date July 1, 2007	Projected End Date June 30, 2008	Actual Begin Date July 1, 2007	Actual End Date June 30, 2008
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Purpose To level the playing field for students that require assistive technology to enhance their learning.

Persons Responsible Special Education Directory: Joyce Rea

Target Audience Special Education Teachers

Federal Compliances Technology
07-Professional Development for
21st Century Instruction

Plan Section Title II

Associated Goals/Objectives Reading/Language Arts Grade 10 ,Reading/Language Arts Grades 5-8 ,Reading/Language Arts Grades 3-4 ,Technology

Associated High Yield Strategies Highly Qualified Teachers

Action Step Title II Improve teacher awareness by doing Professional Staff Development with a focus on using

the "Online Scoring Process" in Writing. (T-40)

Projected Begin Date October 5, 2007	Projected End Date June 3, 2008	Actual Begin Date October 5, 2007	Actual End Date June 3, 2008
Purpose To improve writing assesment scores	Persons Responsible Writing assessment teachers	Target Audience Language Arts teachers	Federal Compliances Technology 07-Professional Development for 21st Century Instruction

Technology 08-Maintenance and Repair of 21st Century Tools

Plan Section Technology

Associated Goals/Objectives Technology **Associated High Yield Strategies** None

Action Step TECH/08: Maintain and repair all 21st century tools and internal connections

- 01** - Computer Repair Classes will help ensure computers throughout the county are operational and have the proper software installed.
- 02** - Computer Tech's will ensure computers and the networks throughout the county are operational and have the proper software installed.

Projected Begin Date July 1, 2007	Projected End Date June 30, 2010	Actual Begin Date ?	Actual End Date ?
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Purpose To provide a stable and robust 21st century learning environment

Persons Responsible

Federal Compliances
Technology 08-Maintenance and Repair of 21st Century Tools

Technology 09-Adult Literacy

Plan Section Technology

Associated Goals/Objectives Technology **Associated High Yield Strategies** None

Action Step TECH/09: To collaborate with adult literacy providers to provide 21st century skills for community

- 01** - Computer Literacy (Microsoft Office and Internet Browsing/Searching) classes for adults in the community.
- 02** - To provide after-school access to Microsoft Office and the Internet at Brooke High School to allow for research for Brooke County students, staff and the community.

Projected Begin Date July 1, 2007	Projected End Date June 30, 2010	Actual Begin Date ?	Actual End Date ?
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Purpose To provide 21st century skills for adults/community

Persons Responsible Adult education teachers/vocational director

Target Audience all stakeholders

Federal Compliances Technology 09-Adult Literacy

E-rate Budgets

Funding Source	Year		Annual	Disc% Commit	County Match	
E-rate funds	2008	Bundled Voice/Long Distance	0.00	0.00	0.00	
		Cellular	18,240.00	11,309.00	6,931.00	
		Data Lines	55,200.00	34,224.00	20,976.00	
		Internal Conn Maint	0.00	0.00	0.00	
		Internal Connections	0.00	0.00	0.00	
		Internet Access	480.00	298.00	182.00	
		Long Distance	5,757.00	3,569.00	2,187.00	
		Paging	0.00	0.00	0.00	
		Voice	55,379.00	34,335.00	21,044.00	
		WAN	0.00	0.00	0.00	
		Web Hosting	0.00	0.00	0.00	
		E-rate Totals		135,056.00	83,735.00	51,321.00
		TFS/Elementary E-rate Application	2008	State Totals - Elementary TFS	0.00	0.00
		State Totals - TFS/Elementary	0.00	0.00	0.00	
TFS/Secondary E-rate Application	2008	State Totals - TFS/Secondary	0.00	0.00	0.00	

Funding Source	Year		Annual	Disc% Commit	County Match	
E-rate funds	2007	Bundled Voice/Long Distance	0.00	0.00	0.00	
		Cellular	18,240.00	11,308.80	6,931.20	
		Data Lines	55,200.00	34,224.00	20,976.00	
		Internal Conn Maint	0.00	0.00	0.00	
		Internal Connections	0.00	0.00	0.00	
		Internet Access	480.00	297.60	182.40	
		Long Distance	5,756.00	3,569.04	2,187.48	
		Paging	0.00	0.00	0.00	
		Voice	55,379.00	34,335.28	21,044.20	
		WAN	0.00	0.00	0.00	
		Web Hosting	0.00	0.00	0.00	
		E-rate Totals		135,056.00	83,734.72	51,321.28
		TFS/Elementary E-rate Application	2007	State Totals - Elementary TFS	0.00	0.00
		State Totals - TFS/Elementary	0.00	0.00	0.00	
TFS/Secondary E-rate Application	2007	State Totals - TFS/Secondary	0.00	0.00	0.00	

Funding Source	Year		Annual	Disc% Commit	County Match		
E-rate funds	2006	Cellular	23,640.00	14,656.80	8,983.20		
		Data Lines	54,720.00	33,926.40	20,793.60		
		Internal Conn Maint	0.00	0.00	0.00		
		Internal Connections	0.00	0.00	0.00		
		Internet Access	0.00	0.00	0.00		
		Long Distance	5,400.00	3,348.00	2,052.00		
		Paging	0.00	0.00	0.00		
		Voice	44,400.00	27,528.00	16,872.00		
		WAN	0.00	0.00	0.00		
		Web Hosting	0.00	0.00	0.00		
		E-rate Totals		128,160.00	79,459.20	48,700.80	
		State Basic Skills E-rate Application	2006	State Totals - BS/CE	0.00	0.00	0.00
		State SUCCESS E-rate Application	2006	State Totals - SUCCESS	0.00	0.00	0.00

Funding Source	Year		Annual	Disc% Commit	County Match
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E-rate funds	2005 Cellular	18,900.00	11,529.00	7,371.00
	Data Lines	82,770.00	50,489.70	32,280.30
	Internal Conn Maint	0.00	0.00	0.00
	Internal Connections	0.00	0.00	0.00
	Internet Access	0.00	0.00	0.00
	Long Distance	5,736.00	3,498.96	2,237.04
	Paging	0.00	0.00	0.00
	Voice	30,030.40	18,318.54	11,711.86
	Web Hosting	0.00	0.00	0.00
	E-rate Totals	137,436.40	83,836.20	53,600.20
State Basic Skills E-rate Application 2005 State Totals - BS/CE		0.00	0.00	0.00
State SUCCESS E-rate Application 2005 State Totals - SUCCESS		0.00	0.00	0.00

E-Rate Compliance

County E-Rate Compliance Questions

Acceptable Use Policy

Look at the information included in this section. Revise if any of the information listed is incorrect or needs to be updated.

1. Do you have an Acceptable Use Policy? Yes No

2. If yes, what is the last date of adoption/revision? 01/24/2003

3. When was the public meeting held for CIPA Compliance? 05/10/2001

4. Provide the URL to your acceptable use policy. http://bhs.brook.k12.wv.us/TechPlan/Brooke_County_AUP.html

	Schools	Other Buildings	Total
5. Please identify for E-Rate requirements the number of buildings in your county that have Dial Up modem connections to the Internet?	0	0	0
6. Please identify for E-Rate requirements the number of buildings in your county that have 56K frame relay connections to the Internet?	0	0	0
7. Please identify for E-Rate requirements the number of buildings in your county that have T-1 frame relay connections to the Internet?	11	1	12
8. Please identify for E-Rate requirements the number of buildings in your county that have ATM T-1 Internet connections?	0	0	0
9. Please identify for E-Rate requirements the number of buildings in your county that have cable modem connections to the Internet?	0	0	0
10. Please identify for E-Rate requirements the number of buildings in your county that have DSL connections to the Internet?	0	1	1
11. Please identify for E-Rate requirements the number of buildings in your county that have 10 Mb connections to the Internet?	12	0	12
12. Please identify for E-Rate requirements the number of buildings in your county that have 45 Mb connections to the Internet?	0	0	0
13. Please identify for E-Rate requirements the number of buildings in your county that have 100 Mb connections to the Internet?	0	0	0

14. Please identify for E-Rate requirements the number of buildings in your county that have 1 Gb connections to the Internet?

0 0 0

15. Please identify for E-Rate requirements the number of buildings in your county that have more than 1 Gb connections to the Internet?

0 0 0

16. Please identify for E-Rate requirements any other configurations that may exist for buildings connecting to the Internet?

WORK PLAN SUMMARY

Support/Capacity Building Process

Professional development will be delivered to offer assistance and support to target audiences. Response to Intervention, K-3 Reading Model, Reading Strategies, Co-Teaching, Differentiated Instruction, Autism and Transition to Secondary Life.

Book studies will be conducted for literature circles, writing across the curriculum and response to intervention.

A county team has begun the initial training for developing professional development to establish appropriate classroom assessment for student learning.

DIBELS Assessment Training is provided annually.

Process Monitoring

Professional development for (1) progress monitoring, ACTPLAN/EXPLORE, TestMateClarity, and Writing Assessments is provided for principals, counselors and staff; (2) prioritization/mapping/benchmark assessment for FMS and WMS, identified for corrective action; and (3) prioritization/mapping/benchmark assessment for all schools identified for improvement. Tutoring is provided as a supplemental educational service for all schools.

Schools are provided data analysis of both WESTEST results and benchmark assessment results.

Principals and special educators are provided training on WV Policy 2419, co-teaching strategies/evaluation and crisis prevention intervention (CPI).

Evaluation Process

Participants' responses and classroom walkthroughs will be used to evaluate professional development.

Data desegregation and progress monitoring will be used to evaluate student achievement.

Title I schools annually utilize school surveys to garner feedback from parents.

LEA Parent Advisory Councils are utilized to receive feedback from parents.

The Special Education Department collects a needs assessment annually to determine areas that must be addressed in the special education project.