

# FIVE-YEAR STRATEGIC PLAN 2005-2010

## Annual Update 2007

E-rate Funding Year 2008-2009

**INSTITUTIONAL EDUCATIONAL PROGRAMS INSTITUTIONAL EDUCATION PROGRAMS**

1900 KANAWHA BLVD. E. BUILDING 6 ROOM 728

CHARLESTON WV 25305-0

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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*

# SCHOOL SYSTEM STRATEGIC PLANNING COMMITTEE

## Technology Committee

Lead Teacher	Judy Burkle
Technician	Gary Wingrove
Supervising Principal	Fran Warsing
Superintendent Institutional Ed. Programs	Matt Kittle
Technology Coordinator	Duane Maxey
Teacher	Retta Blankenship
Lead Teacher	Jim Marple
Teacher	Jay Vickers
Teacher	Ruth Winters
Teacher	Helen Bean
Lead Teacher	Robert Buckland

The committee broke into subgroups to work on the sections of the plan. They then brought back a draft of their section to review and revise with the group. The entire plan was presented to the Faculty Senate and Local School Improvement Council for review, before submission.

## **SCHOOL SYSTEM MISSION STATEMENT**

### **CORE BELIEFS THAT DRIVE SCHOOL SYSTEM IMPROVEMENT**

**We believe...**

# Annual Budget

## Required Strategic Plan Budget Funding Source Totals

<b>Funding Source</b>	<b>Amount</b>
General	20,000.00
Technology E-rate	86,184.00
Technology E-rate County Match	9,576.00
Technology TFS/Elementary E-rate	0.00
Technology TFS/Elementary E-rate County Match	0.00
Technology TFS/Secondary E-rate	0.00
Technology TFS/Secondary E-rate County Match	0.00
<b>Total</b>	<b>\$ 115,760.00</b>

## **DATA ANALYSIS**

**A. EXTERNAL DATA**

**B. STUDENT ACHIEVEMENT DATA**

**C. OTHER STUDENT OUTCOMES**

**D. CULTURE AND CONDITIONS**

# GOALS, SPECIFIC OBJECTIVE AND PERFORMANCE TARGET

**Goal 1:** Technology - Integrate technology into the education program to improve student achievement, operations, delivery of programs, and support services.

	<b>Objective</b>	<b>Objective Short Name</b>	<b>Baseline</b>	<b>5-year Target</b>
1.1	To improve access to technology in all Institutional facilities by providing updated computer equipment and updated access to the Internet	Technology XP Computers	0.47	1.00

**Goal 1:** Technology - Integrate technology into the education program to improve student achievement, operations, delivery of programs, and support services.

**Objective 1.1** To improve access to technology in all Institutional facilities by providing updated computer equipment and updated access to the Internet

**As measured by:**

The percentage of Windows XP computers (currently 67.2% with a goal of 100% by 2010) as measured by the Digital Divide Survey.

<b>Baseline Data</b>			
<b>Targets</b>		<b>Actual</b>	
<b>2005-2006</b>	0.60	<b>2005-2006</b>	0.65
<b>2006-2007</b>	0.70	<b>2006-2007</b>	0.67
<b>2007-2008</b>	0.85	<b>2007-2008</b>	N/A
<b>2008-2009</b>	0.90	<b>2008-2009</b>	N/A
<b>2009-2010</b>	1.00	<b>2009-2010</b>	N/A

# HIGH YIELD STRATEGIES SCIENTIFICALLY BASED RESEARCH

High Yield Strategies Identified	Scientifically Based Research
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# Technology Plan

Submitted by - dmaxey@access.k12.wv.us 2007-09-17 15:51:23.0

## 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 21<sup>ST</sup> 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 21<sup>ST</sup> 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 21<sup>st</sup> 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 21<sup>ST</sup> 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 21<sup>ST</sup> 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- 21<sup>ST</sup> 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 21<sup>ST</sup> 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 21<sup>ST</sup> 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

The percentage of XP computers is 67.2%. This year's goal is to raise the percentage of XP computers to 85%.

### Action Steps

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

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

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##### Plan Section

**Associated Goals/Objectives** None

**Associated High Yield Strategies** None

**Action Step** Continue to implement internet education programs such as Bridges.com, SAS, and Marco Polo that support transition skills, work-place skills, and the West Virginia Content Standards and Objectives.

<b>Projected Begin Date</b> July 1, 2007	<b>Projected End Date</b> June 30, 2010	<b>Actual Begin Date</b> ?	<b>Actual End Date</b> ?
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**Purpose**

**Persons Responsible**  
OIEP Technology Coordinator and Technicians. OIEP Technology Team. Administrators & Teachers.

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

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

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##### Plan Section

**Associated Goals/Objectives** None

**Associated High Yield Strategies** None

**Action Step** Assist all OIEP staff in establishing email addresses.

<b>Projected Begin Date</b> July 1, 2007	<b>Projected End Date</b> June 30, 2010	<b>Actual Begin Date</b> July 1, 2006	<b>Actual End Date</b> ?
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**Purpose**

**Persons Responsible**  
OIEP Technology Team.

**Federal Compliances**  
Technology 03-Providing Collaboration/Communication

Tools (Telecommunications  
Network/Email)

**Plan Section**

**Associated Goals/Objectives** None

**Associated High Yield Strategies** None

**Action Step** Develop listserves as needed.

<b>Projected Begin Date</b> July 1, 2007	<b>Projected End Date</b> June 30, 2010	<b>Actual Begin Date</b> ?	<b>Actual End Date</b> ?
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**Purpose** All juvenile facilities will use technology for professional communication.

**Persons Responsible**  
OIEP Technology Coordinator.

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

**Plan Section**

**Associated Goals/Objectives** None

**Associated High Yield Strategies** None

**Action Step** Ensure all principals and lead teachers have active email accessibility.

<b>Projected Begin Date</b> July 1, 2007	<b>Projected End Date</b> June 30, 2010	<b>Actual Begin Date</b> ?	<b>Actual End Date</b> ?
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**Purpose**

**Persons Responsible**  
OIEP Technology Coordinator.

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

**Plan Section**

**Associated Goals/Objectives** None

**Associated High Yield Strategies** None

**Action Step** To provide access to the Internet and WVEIS, to provide a stable network, and to provide for improved communications.

<b>Projected Begin Date</b> July 1, 2007	<b>Projected End Date</b> June 30, 2010	<b>Actual Begin Date</b> ?	<b>Actual End Date</b> ?
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**Purpose**

**Persons Responsible**  
OIEP Technology Coordinator and Technicians.

**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**

**Associated Goals/Objectives** None

**Associated High Yield Strategies** None

**Action Step** To investigate offering after school access to computer labs at select juvenile facilities

<b>Projected Begin Date</b> July 1, 2007	<b>Projected End Date</b> June 30, 2010	<b>Actual Begin Date</b> ?	<b>Actual End Date</b> ?
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<b>Purpose</b> To provide increased access	<b>Persons Responsible</b> OIEP technology coordinator
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**Federal Compliances**  
Technology 04-Increased Access for Students and Teachers to 21st Century Tools

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

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

**Technology 07-Professional Development for 21st Century Instruction**

**Plan Section**

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

**Action Step** Identified staff will be trained in the use of AEMIS, WVEIS, and FIMS.

<b>Projected Begin Date</b> July 1, 2007	<b>Projected End Date</b> June 30, 2010	<b>Actual Begin Date</b> ?	<b>Actual End Date</b> ?
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<b>Purpose</b>	<b>Persons Responsible</b>
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**Professional Development** Trainer Led

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

**Plan Section**

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

**Action Step** Post policies, handbooks, educational resources, and professional development opportunities to the OIEP web site.

<b>Projected Begin Date</b> July 1, 2007	<b>Projected End Date</b> June 30, 2010	<b>Actual Begin Date</b> ?	<b>Actual End Date</b> ?
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<b>Purpose</b>	<b>Persons Responsible</b> OIEP Technolgy Team. OIEP Web Site Committee.
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**Federal Compliances**  
Technology 07-Professional Development for 21st Century Instruction

**Plan Section**

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

**Action Step** Train all teachers in the use of SAS, Marco Polo, and Plato.

<b>Projected Begin Date</b> July 1, 2007	<b>Projected End Date</b> June 30, 2010	<b>Actual Begin Date</b> ?	<b>Actual End Date</b> ?
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<b>Purpose</b>	<b>Persons Responsible</b>
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**Professional Development** Trainer Led

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

Instruction

**Technology 08-Maintenance and Repair of 21st Century Tools**

**Plan Section**

**Associated Goals/Objectives** None

**Associated High Yield Strategies** None

**Action Step** Employ an appropriate number of information system technicians to assist in technology support.

<b>Projected Begin Date</b> July 1, 2007	<b>Projected End Date</b> June 30, 2010	<b>Actual Begin Date</b> ?	<b>Actual End Date</b> ?
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**Purpose** Maintain hardware and software.  
**Persons Responsible** OIEP Technology Coordinator.

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

**Plan Section**

**Associated Goals/Objectives** None

**Associated High Yield Strategies** None

**Action Step** Work with RESAs and other appropriate entities to maintain computer up-time and internal connectivity.

<b>Projected Begin Date</b> July 1, 2007	<b>Projected End Date</b> June 30, 2010	<b>Actual Begin Date</b> ?	<b>Actual End Date</b> ?
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**Purpose**  
**Persons Responsible** OIEP Technology Coordinator and Technicians.

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

**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	0.00	0.00	0.00
		Data Lines	95,760.00	86,184.00	9,576.00
		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	0.00	0.00	0.00
		Paging	0.00	0.00	0.00
		Voice	0.00	0.00	0.00
		WAN	0.00	0.00	0.00
		Web Hosting	0.00	0.00	0.00
		<b>E-rate Totals</b>	<b>95,760.00</b>	<b>86,184.00</b>	<b>9,576.00</b>
TFS/Elementary E-rate Application	2008	State Totals - Elementary TFS	0.00	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	0.00	0.00	0.00
		Data Lines	95,760.00	86,184.00	9,576.00
		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	0.00	0.00	0.00
		Paging	0.00	0.00	0.00
		Voice	0.00	0.00	0.00
		WAN	0.00	0.00	0.00
		Web Hosting	0.00	0.00	0.00
		E-rate Totals	95,760.00	86,184.00	9,576.00

TFS/Elementary E-rate Application	2007	State Totals - Elemenary TFS	0.00	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	0.00	0.00	0.00
		Data Lines	95,760.00	86,184.00	9,576.00
		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	0.00	0.00	0.00
		Paging	0.00	0.00	0.00
		Voice	0.00	0.00	0.00
		WAN	0.00	0.00	0.00
		Web Hosting	0.00	0.00	0.00
		E-rate Totals	95,760.00	86,184.00	9,576.00

State Basic Skills E-rate Application	2006	State Totals - BS/CE	0.00	0.00	0.00
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State SUCCESS E-rate Application	2006	State Totals - SUCCESS	0.00	0.00	0.00
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Funding Source	Year	Annual	Disc% Commit	County Match	
E-rate funds	2005	Cellular	0.00	0.00	0.00
		Data Lines	60,660.00	54,594.00	6,066.00
		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	0.00	0.00	0.00
		Paging	0.00	0.00	0.00
		Voice	0.00	0.00	0.00
		Web Hosting	0.00	0.00	0.00
		E-rate Totals	60,660.00	54,594.00	6,066.00

State Basic Skills E-rate Application	2005	State Totals - BS/CE	0.00	0.00	0.00
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State SUCCESS E-rate Application	2005	State Totals - SUCCESS	0.00	0.00	0.00
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## 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? 09/09/2001

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

4. Provide the URL to your acceptable use policy. <http://wvde.state.wv.us/policies/p2460.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?	21	0	21
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	0	0
11. Please identify for E-Rate requirements the number of buildings in your county that have 10 Mb connections to the Internet?	0	0	0
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**

**Process Monitoring**

**Evaluation Process**