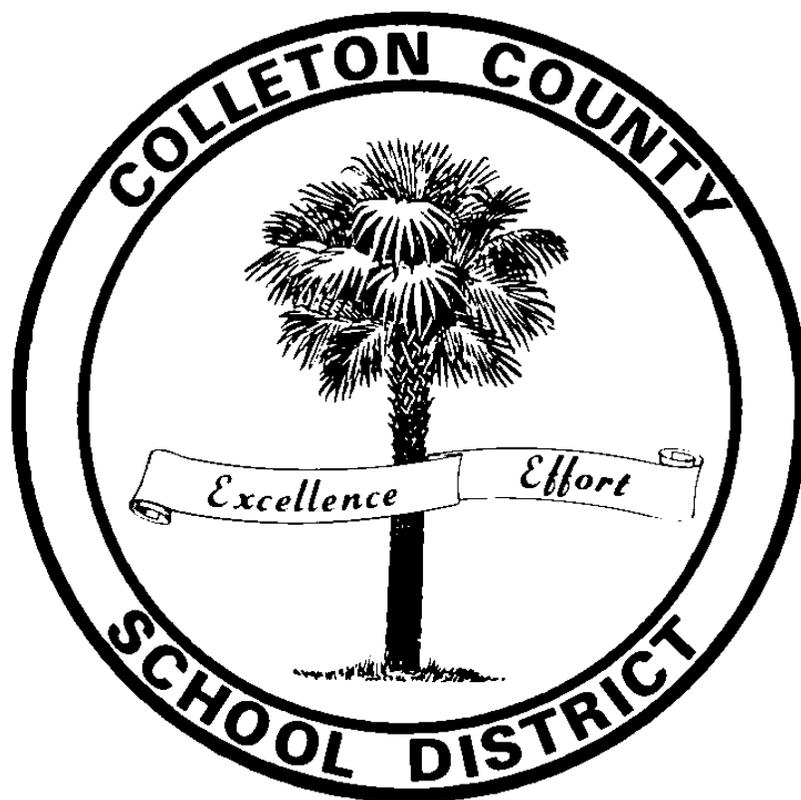# Colleton County School District

2010-11, 11-12, 12-13 Technology Plan

Covers from 7/1/10 through 6/30/13
Creation/Revision Dates 10/26/09, 3/8/10

Beth Frank, Technology Director
bfrank@mail.colleton.k12.sc.us
200 South Jefferies Blvd., Walterboro, S.C. 29488
Voice: 843-549-1591, Fax: 843-549-2244
http://www.colleton.k12.sc.us

TABLE OF CONTENTS

DISTRICT TECHNOLOGY PLAN CHECKLIST

❑ **Cover Page**

This page must contain the following:
- district name,
- name and signature of district superintendent,
- name and signature of technology coordinator,
- mailing address, phone and fax numbers, and e-mail address of district technology coordinator,
- district home page URL, and
- effective dates covered by the plan or the year covered by the annual update.

❑ **District Profile**

This section must include the following:
- number of schools in the district,
- number of students enrolled in district schools,
- percentage of students eligible for free and reduced lunches,
- number of English as a Second Language (ESL) students,
- number of dropouts,
- graduation rate, and
- district E-rate discount.

❑ **Executive Summary**

This section must be a concise description of the entire technology plan.

❑ **District Needs Assessment**

This section must describe the district's current technology needs, current technology inventory, and current technology support strategies. All goals should specifically address your district's needs.

❑ **District Vision and Mission Statements**

These overarching statements should address the district's needs, including assistive technology needs, and should be aligned with the 2003–08 state technology plan as well as the No Child Left Behind legislation.

❑ **Plans for the Five Individual Technology Dimensions**

The narrative of the district's plans for the individual Technology Dimensions *must* be organized on the basis of the following five sections, which *must be labeled and ordered as shown here*:

❑ **Technology Dimension 1: Learners and Their Environment**
❑ **Technology Dimension 2: Professional Capacity**
❑ **Technology Dimension 3: Instructional Capacity**
❑ **Technology Dimension 4: Community Connections**
❑ **Technology Dimension 5: Support Capacity**

❑ In each of the above sections, the narrative for the technology dimension *must* be organized on the basis of the following seven sections, which *must be titled and lettered as shown here*:

A. Snapshot of Current Technology Use in District
B. Overall Goal for This Dimension
C. Objectives, Strategies, and Action List to Reach Goal
D. Implementation Action Steps for Districts and Schools
E. Funding Considerations for District and Schools
F. Evaluation of Objectives (including baseline data sources and ongoing data sources)
G. Current Best Practices in District (if applicable)

❑ **Cumulative Benchmarks**

This section must contain a list of benchmarks expected to be met during the year. Include a timeline and method for assessing benchmarks periodically.

❑ **Acknowledgements**

This section must contain a list stakeholders that shows a wide diversity of school and community members who contributed to the planning process.

❑ **Bibliography**

This section should provide full publication information and specific page references for all secondary sources utilized.

❑ **Required Appendixes**

❑ **Appendix 1: No Child Left Behind Action Plan**
Provide narratives for each of the eleven items in part C of the "Guidelines for District Technology Plans" section of the *South Carolina State Technology Plan 2003–08.*

❑ **Appendix 2: Teacher Technology Proficiency Proviso Professional Development Plan**
Guidelines for district professional development plans can be found at
http://www.myscschools.com/offices/technology/announce/proviso140.htm.

❑ **Appendix 3: Acceptable Use Policy**

❑ **Appendix 4: How E-Rate Areas Have Been Addressed**
See part B of the "Guidelines for District Technology Plans" section of the *South Carolina State Technology Plan 2003–08* for the five E- rate areas.

❑ **Appendix 5: Report on Last Year's Progress toward Goals, Objectives, Strategies, Benchmarks, Actions, and Outcomes**

I verify that all above components for the [name of district] _____
technology plan have been addressed.   Please print.

Technology coordinator's name: _____
                                                                Please print.

Technology coordinator's signature: _____ _____
                                                                                                                    Date signed

Superintendent's name: _____
                                                        Please print.

Superintendent's signature: _____ _____
                                                                                                      Date signed

District Profile

- **13 Schools plus 3 Additional Sites**
  - 1 Pre-School Center
    - Black Street Early Childhood Center
  - 6 Elementary Schools
    - Bells Elementary
    - Cottageville Elementary
    - Edisto Beach Elementary
    - Forest Hills Elementary
    - Hendersonville Elementary
    - Northside Elementary
  - 3 Middle Schools
    - Colleton Middle School
    - Forest Circle Middle School
    - Ruffin Middle School
  - 1 High School
    - Colleton County High School
  - 1 Technology and Vocational School
    - Thunderbolt Career and Technology School
  - 1 Alternative School
    - Located at Colleton Middle School
  - 4 Additional Sites
    - District Office – Title One
    - Technology Center
    - Special Services
    - Buildings and Grounds (Maintenance Department)

- **6201**   Total Students Enrolled in Colleton School District

- **79%**   of those students on Free and Reduced Lunch Status

- **320**   Students that are English as a Second Language (ESL) students

- **10.1%** Dropouts for the 08-09 School Year

- **54.5%**   graduation rate for the 08-09 School Year

- Colleton School District had an **90%** E-rate discount

Above data is for the 09-10 school year unless otherwise indicated. Information was obtained from the District's Report Card.

Executive Summary

   For the next three years the Colleton County School District's Technology Plan will focus on six general technology areas, Network WAN/LAN Infrastructure, Workstations, Software, Support, Training and Others. The first of these six areas, Network WAN/LAN Infrastructure, will include the district's plan to address all E-Rate areas such as switches, routers, servers, WAN connectivity speeds, and cabling. Network WAN/LAN Infrastructure will also encompass the construction of the new Colleton County High School, and renovations to all other structures (see Appendix 8). Special emphasis will be placed on upgrading schools to IP Telephony. The second of these five areas, Desktop Workstations, will include the district's plan for purchasing or leasing new units as well as the plan for upgrading and disposing of current workstations.   Emphasis will be on the move for teacher computers to be a laptop.   The district's plan for the third of these six areas; software, will include planned network and workstation software upgrades (i.e. Novell 6.5, SASI to Power Schools, Intouch, IntegradePro, Renaissance, Barracuda Web Filter, Destiny, Microsoft Windows, Gnatbox, Microsoft Office, etc.) The district's plan in the area of Software will also include information on new software purchases for academic and administrative purposes. The district will begin the move to "web based" software and when that is not possible will use SIF agents for communication between district server applications. The fourth area, support, will include Colleton School District's plan to support its technology for the next three years, which will incorporate plans for computer and network training, in-house technology support, as well as limited plans for outsourcing network/workstation/training support. The fifth area includes all aspects of Training. Technical Training for support staff as well as training for teachers and administrators will be covered. The final area, other, will include the school district's plans to address technology needs in the areas of projection units, network printers, network copiers, phone dialers, school security camera systems, digital cameras, smartboards, PDAs, and any other new or relevant technologies that may present themselves in the next three years.

   Colleton County's Technology Plan will be closely aligned with the state's plan. Every effort will be made by this school district to insure that the state's plan is referenced and followed for the next 3 years.

   The Colleton County School District Technology Plan will also provide the following:

- ❑ Information on how Colleton County School District will address Proviso 1.40, the state Teacher Technology Proficiency proviso.
- ❑ Information on the 5 areas stipulated in the Telecommunications Act of 1996 (E-Rate Funding)
- ❑ Information on how the district's technology plan affects the No Child Left Behind Act or vise versa.

District Needs Assessment

The latest district needs assessment was conducted during the summer of 2009 by the district's technology center needs assessment team which is headed by Beth Frank with assistance from Doug Bullock (MARKnet Networking Solutions, LLC and Mark Pearl, 2Gems, LLC). These assessments were conducted by team walkthroughs and by conversations with school technology leaders which usually were the principals at the school. Their findings are as follows.

Summary of District Needs Assessment

- Construction of a new Colleton County High School, Forest Hills Elementary and building renovations to all other school district facilities will continue during the next 3 years. (See Appendix 7-District Construction Plans)
  - Erate funding has been applied for all new construction.
  - Multiple 3 year RFPs with two 1-year voluntary extensions were created for all new construction.
- Network WAN/LAN Infrastructure (Hardware)
  - WAN telecommunication lines have been upgraded to MetroE but the district is looking to increase bandwidth when necessary. Monitoring tools have been purchased by the Technology Center to keep a close look on bandwidth usage.
    - The following is a list of the current circuits and needed upgrades.
      - 100 Mb from PRTC and DO
      - 100 MB from CCHS/TCTC to PRTC
      - 100 MB from the "new" CCHS to PRTC
      - 10 MB from all Elementary and Middle schools to PRTC except the following:
        - 1.5 MPLS to Edisto Beach Elementary.
        - Additional 1.5 MPLS circuit to Edisto Beach Elementary needed for video multicasting.
        - State is looking to wireless solution for Edisto Beach Elementary if possible. The Technology Center Staff and ETV are working closely together to resolve Edisto Beach Elementary's need for additional bandwidth.
  - E-RATE equipment (Internal connections) will be applied for all 80% schools and above. These purchases will include but are not limited to:
    - Routers (for multicasting needs)
    - Switches (Data and Voice) POE
    - Servers
    - Wireless Controllers
    - Servers
  - Additional E-RATE equipment will be obtained through the E-RATE process.
  - Wireless solutions will be incorporated with all new construction.
  - All phone systems need to be upgraded. The district plans on installing Shoretel Phone Systems at all new sites and retrofitting all other sites with Shoretel as needed.
- Workstations

- o Every location will dispose of out-dated computers prior to buying new computers.
- o The district will make it a priority to give each teacher a laptop instead of a desktop computer for their classroom.
- o All sub Pentium IV-computers be removed from use and disposed of using a computer/electronic disposal company.
  - Replace any pre-Windows XP computers with either Windows XP or Windows 7 computers.
  - Move all district computers to the current 09-30-09 "district standard" (Pentium IV)   Make adjustments to the district standard as required. Minimum P4.

	Desktop Computer Current as of 10/26/09
Base Unit:	OptiPlex 760 Desktop Base Standard PSU (224-2213)
Processor:	OptiPlex 760,Pentium Dual Core E5300/2.60GHz,2M,800FSB (317-0174)
Memory:	2GB,Non-ECC,800MHz DDR2,2X1GB OptiPlex (311-7374)
Keyboard:	Dell USB Keyboard,No Hot Keys English,Black,Optiplex (330-1987)
Monitor:	Dell E190S,19 Inch Flat Panel,19.0 Inch Viewable ImageSize,OptiPlex,Precision Latitude and Enterprise (320-8089)
Video Card:	Integrated Video,GMA 4500,DellOptiPlex 760 and 960 (320-7407)
Hard Drive:	80GB SATA 3.0Gb/s and 8MB DataBurst Cache,Dell OptiPlex (341-8006)
Floppy Disk Drive:	3.5 inch,1.44MB,Floppy Drive Dell OptiPlex Desktop or Minitower (341-3840)
Floppy Disk Drive:	Cable for 3.5IN,1.44MB Floppy Drive, Dell OptiPlex Desktop (330-0475)
Operating System:	Windows XP PRO SP3 with Windows Vista Business LicenseEnglish,Dell Optiplex (420-9570)
Mouse:	Dell USB 2 Button Optical Mouse with Scroll,Black OptiPlex (330-2733)
NIC:	Intel Standard Manageability Hardware Enabled Systems Management, Dell OptiPlex (330-2902)
CD-ROM or DVD-ROM Drive:	16X DVD+/-RW SATA,Data Only Dell OptiPlex Desktop or Minitower,Black (313-7104)
CD-ROM or DVD-ROM Drive:	Cyberlink Power DVD 8.2,with Media, Dell Relationship LOB (421-0536)
CD-ROM or DVD-ROM Drive:	Roxio Creator Dell Edition 10.3, Media, Dell RLOB (421-1189)
Sound Card:	Heat Sink, Mainstream, Dell Optiplex Desktop (311-9521)
Speakers:	Internal Chassis Speaker Option,Dell OptiPlex Desktop (313-3351)
Cable:	OptiPlex 760 Desktop Standard Power Supply (330-1982)
Documentation Diskette:	Documentation,English,Dell OptiPlex (330-1710)
Documentation Diskette:	Power Cord,125V,2M,C13,Dell OptiPlex (330-1711)

	Laptop Computer

	Current as of 10/26/09
Base Unit:	Latitude E6500, Intel Core 2 Duo P8600, 2.40GHz, 1066MHz 3M L2 Cache, Dual Core (223-9150)
Memory:	2.0GB, DDR2-800 SDRAM, 2 DIMM for Latitude (311-8825)
Keyboard:	Internal English Keyboard for Latitude E (330-0836)
Keyboard:	Documentation (English) Latitude E-Family/Mobile Precision (330-1652)
Video Card:	Intel Integrated Graphics Media Accelerator 4500MHD Latitude E6500 (320-6724)
Hard Drive:	160GB Hard Drive 9.5MM,5400RPMfor Latitude E6X00 (341-6965)
Hard Drive Controller:	No Fingerprint Reader for Latitude E6X00 (311-8819)
Floppy Disk Drive:	Brushed Metal Black Wide WXGA LED LCD for Latitude E6500 (320-7298)
Operating System:	Windows XP PRO SP3 with Windows Vista Business LicenseEnglish,Dell Latitude (420-9610)
Modem:	No Modem for Latitude E-Family (313-6507)
TBU:	90W 3-Pin, AC Adapter for Latitude E-Family (330-0876)
TBU:	US - 3-FT, 3-Pin Flat E-FamilyPower Cord for Latitude E-Family (330-0879)
CD-ROM or DVD-ROM Drive:	8X DVD+/-RW for Latitude E-Family (313-6513)
CD-ROM or DVD-ROM Drive:	Cyberlink Power DVD 8.2,with Media, Dell Relationship LOB (421-0536)
CD-ROM or DVD-ROM Drive:	Roxio Creator Dell Edition 10.3, Media, Dell RLOB (421-1189)
Sound Card:	Integrated VGA webcam with microphone for Latitude E6500 (320-7003)
Processor Cable:	Dell WLAN 1510 (802.11a/b/g/n 2X3) 1/2 MiniCard for LatitudeE/Mobile Precision (430-3087)
Documentation Diskette:	No Intel vPro Technologys advanced management features for Latitude, Mobile Precision (330-0884)
Factory Installed Software:	Resource DVD with Diagnostics and Drivers for Latitude E6500Notebook (330-0863)
Feature	6-Cell/54-WHr Battery for Latitude E/Mobile Precision (312-0729)
Service:	Dell Hardware Limited Warranty Plus Onsite Service Initial Year (991-3367)
	All computers will have latest Microsoft Office

- o Once all substandard computers have been replaced plans will be developed to provide for additional computers to be installed in classrooms, labs, media centers, and administrative offices.

- ❑ Support
  - o Continue to hire ERate Consultant to assist with all aspects of the E-Rate Process (i.e. RFPs, Filings, Q & A, Funding).
  - o Continue to hire 2 gems consulting to assist with Technology Planning and WAN configuration.
  - o 2 additional school district computer technicians will be hired within the next three years.
  - o A Network Specialist will be hired or outsourced for all upcoming years.
    - ▪ Doug Bullock – MARKnet Networking Solutions, LLC.

- One Full Time Technology Specialist will be hired within the next three years at Colleton County High School.
- On-Site Technology/Curriculum Software Specialists will be hired at most sites.
- Outsourcing of some technical support will be necessary for specific issues and projects.

- ❑ Software
  - Network Software infrastructure software MUST be upgraded.
    - Novell 5.1 upgraded to latest Novell Suite.
    - Certificate Server installed and configured
    - SIF Agents for all applicable software purchased and installed.
    - E-mail and EPOP archiving software bought and installed before 2011.
  - Network Support Software that MUST be Upgraded during the next 3 years.
    - Firewall Hardware and Software
    - Antivirus Software
    - Spam Filtering Software
    - Pornography Filtering Software
    - Packet Filtering Software
    - E-Mail Software
    - Instant Messaging Software
  - Network Support Software that needs to be purchased or upgraded.
    - Network Maintenance Software (i.e. HP Openview)
  - Curriculum Software that MUST be Upgraded
    - **ALL School's Software MUST be STANDARDIZED with every site having the same software at the same version.**
    - Orchard
    - Larson's Math
    - Fast Forward
    - Read On!
    - On Course
    - Renaissance Learning
    - Benchmarking
    - Test View
    - SAT Prep Software
  - Administrative Software that will be rolled out.
    - Excent
  - Administrative Software that MUST be Upgraded
    - SASI to Power Schools
    - Destiny
    - MAPS
    - Teacher Observation-EDI
    - Testview
    - Intouch
    - Integrade Pro
    - Accounting – CSI
  - Phone System Software that will be necessary to install and upgrade
    - Call Center Software for Shoretel Phone System.

- ❑ Training
  - o Tech Support Staff Training Needed
    - ▪ Network Maintenance Training
    - ▪ A+ and Net + Training
    - ▪ Security + Training
    - ▪ Cisco Training
    - ▪ MCSE Certification Training
    - ▪ Certified Dell Technician Training
    - ▪ CNE, Dell, Cisco Certification Training
    - ▪ SASI Certification Training
    - ▪ MOUS Certification Training
  - o Teacher/District Staff Training Needed
    - ▪ Teacher Technology Proviso
    - ▪ Curriculum Software Training
    - ▪ Administrative Software Training
    - ▪ Internet Training
    - ▪ Staff Development on Smart Products (Outside Vendor)
      - • Notebook Software
      - • Senteo
      - • Lightspeed
      - • Smart Document Cameras
    - ▪ Microsoft Office Products
    - ▪ Other emerging technologies

- ❑ Others
  - o Projection Units
    - ▪ Projection Units will be installed in all new construction classrooms.
    - ▪ Additional Computer Projection Units needed at all sites
  - o Interactive Smart Boards
    - ▪ Interactive White Boards will be installed in all new construction
    - ▪ Interactive White Boards will be installed in many renovated classrooms.
  - o Document Cameras
    - ▪ Smart Document Cameras 1 per 4 teachers be purchased for all schools.
  - o Printers
    - ▪ All schools should have a minimum of 4 network printers.
    - ▪ All schools need to upgrade all copy machines to network capable copy machines.
  - o Phone Dialers
    - ▪ The district will maintain the current "district wide" auto-dialer purchased in 05-06 school year.
  - o School Security Camera Systems
    - ▪ All schools should have a camera system for hallways and other high traffic areas
      - • These camera systems will be a "digital" type, not VCR type.
    - ▪ Current Colleton County High School will increase their camera system by 16 cameras per year until ALL areas are covered. (Approx. 120 cameras)
  - o Digital Cameras

- ▪ Each school should have adequate digital cameras for teacher and staff use.
  - o PDA's
    - ▪ The use PDAs should be incorporated into the curriculum
    - ▪ PDA use for administration and teachers should be increased
  - o Phone Systems
    - ▪ Outdated phone systems MUST be replaced with the Shoretel Phone System
      - All new construction will include the Shoretel Phone System.
        - o This will take advantage of the MetroE network.
        - o All phone systems will be converged into one system using IP telephone system.
        - o Shoretel Phone System will integrate with Valcom All-Call systems
          - ▪ The district Technology Center will install, configure and maintain all "newly installed" intercom systems (Valcom)
          - ▪ The intercom system will integrate with the Shoretel Phone System for the best possible all call – phone solution.
      - Other school's and site's phone systems upgraded to Shoretel as funds become available.
  - o Other New and Emerging Technology
    - ▪ The district MUST look at all new and emerging technology to see if it is relevant to the educational process.
    - ▪ Schools will be outfitted with at least one defibrillator.

District Vision and Mission Statements

The mission of the Colleton County School District...located in a progressive rural community in the heart of the Lowcountry...is to guarantee an excellent education for all students by providing a challenging curriculum, outreach and alternative programs, highly qualified and accountable staff, excellent facilities and an environment conducive to learning.

Technology Beliefs

We believe:

- The use of technology as a tool integrated throughout the curriculum supports higher order thinking skills, communication skills, collaboration, and problem solving, which are critical elements of the district's strategic plan.
- Student access to technology is essential to meet the educational development needs of the twenty-first century.
- Students, teachers, and administrators must be able to process and manage information through the skillful use of technology.
- The creation of local area networks, wide area networks, and access to the information superhighway are vital for schools to provide efficient, effective technology based curricula for their students.
- The demands of the workplace require educational institutions to educate and train students in the use of a wide range of technology in order to better prepare students for highly skilled and well paying jobs.
- Technology provides a means to meet the diverse learning needs of students.
- Technology provides motivation for students and facilitates their active involvement in activity based learning.
- Technological resources will have a positive impact upon student achievement and motivation.
- Instructional strategies are driven by the district's strategic plan.
- Innovations in modern technology create a demand for a life-long learning process.

Our School District's Vision and Mission for Technology

It is the vision and mission of Colleton County School District to make our rural school district as competitive in the area of technology education as can be found in the largest, urban school districts of this nation. Colleton County intends to completely close the "Technology Gap" that exists between the wealth urban school districts and the poorer rural districts of South Carolina.

TECHNOLOGY DIMENSION 1

LEARNERS AND THEIR ENVIRONMENT

GOAL

Colleton County School District will use research-proven strategies to provide home, school, and community environments conducive to our students achieving technological literacy by the end of the eighth grade and to raise the overall level of academic achievement.

SNAPSHOT OF CURRENT TECHNOLOGY USE

Colleton County School district current technology use for learners and their environment include:

- o Internet access for all classrooms.
- o Well equipped computer labs at all schools.
- o Technology driven media centers.
- o LAN access to network remediation software via 10-100 Mb internal connections at all schools which includes:
    - Orchard
    - Larson's Math
    - Fast Forward
    - Read On!
    - On Course
    - Benchmarking
    - SAT Prep Software
- o WAN access to network remediation software via 10-100 Mb external connections at all schools which includes:
    - Renaissance Learning
    - TFHS
    - ETV Streamline
- o Intouch Software (via the Internet) for student and parent access to student records (i.e. Grades, Transcripts, Attendance, Discipline, etc.)

OPERATIONAL PLAN

I. OBJECTIVES AND STRATEGIES

GOAL: *Colleton County School District will use research-proven strategies to provide home, school, and community environments conducive to our students achieving technological literacy by the end of the eighth grade and to raise the overall level of academic achievement.*

OBJECTIVES	STRATEGIES
1.1 Increased access to computer workstations by students.	A. Provide additional computers to all schools using a variety of funding sources. B. Add additional computer labs to all schools. C. Add additional computers to media centers.
1.2 Students will engage in authentic learning activities that are aligned with state standards and that integrate technology, including assistive technology, into the core content.	A. Develop technology-enhanced learning activities aligned with state standards in core content areas B. Appoint or hire school-wide school technology coaches to offer guidance to schools, educate teachers, and help ensure that lesson plans and activities incorporate a variety of technologies, including those appropriate for students with special needs C. Provide additional projection units and smart boards in most classrooms.
1.3 Students will select the appropriate tools to complete authentic, real-life multidisciplinary tasks and will demonstrate technology competence by the end of the eighth grade.	A. Create and use lesson activities in which students employ a variety of technology tools, including assistive technology, to complete authentic multidisciplinary tasks B. Measure student technology proficiency by using surveys and performance-based assessments C. Provide all students, including those with special needs, access to a range of high and low technology solutions, including software, peripherals, and other tools to increase student communication, participation, and collaboration
1.4 Colleton County School District will provide students with an enhanced learning environment through technological tools, including assistive technology, that are designed to promote high academic achievement.	A. Establish school and community learning environments that enable students to use technology for real-world problem solving and research B. Adopt grade-level-appropriate technology standards and integrate them into the curriculum to enable students to fully participate in today's information-rich global society C. Adopt grade-level-appropriate technology standards and integrate them into the curriculum to prepare students to function in an information-

I. OBJECTIVES AND STRATEGIES

GOAL: *Colleton County School District will use research-proven strategies to provide home, school, and community environments conducive to our students achieving technological literacy by the end of the eighth grade and to raise the overall level of academic achievement.*

OBJECTIVES	STRATEGIES
	rich global society
	D. Schools will be reconfigured after new construction. During the reconfiguration additional Technology will be added to current buildings.

II. ACTION LIST

- Colleton County School District will emphasize access to an on-line database of technology-infused lesson plans and classroom examples across the core content areas in alignment with the state academic standards, through the SCTLC Web portal, the MarcoPolo "Internet Content for the Classroom" Web site (http://www.marcopolo-education.org/), and other digital resources.

- Colleton County School District will provide access to effective, research-based assistive technologies—including software, peripherals, and other tools to increase student communication, collaboration, and engagement—that will support inclusion of students with disabilities in the core content courses at all grade levels.

- Colleton County School District Technology Staff will continue to find ways to increase bandwidth so as to better enable WAN/Internet curriculum software use.

- Colleton County School District will develop strategies to ensure that school improvement plans address the use of technology, including assistive technology, to support a shared learning environment that includes educators, parents, and community members.

- Colleton County School District will ensure improved student achievement test scores in the core content areas, increased student access to technology (shown by the SDE Technology Counts on-line survey), and increased student access to technology outside the school environment.

- Students themselves will be given opportunities to assess the effectiveness of technology tools, including the range of assistive technology, being used for classroom activities.

- Colleton County School District will complete initial and ongoing assessments to measure increased availability of technology opportunities and resources.

II. ACTION LIST

- Educators will complete initial and follow-up assessments to ensure that the use of technology, including the range of assistive technology tools, is effective in enhancing student learning.

- Colleton County School District Technology Center will identify best practices of seamless technology integration that will be disseminated via on-line resources such as the SCTLC Web portal and the *South Carolina Technology News* e-magazine, conferences and workshops, ETVStreamLine, Discus, and the South Carolina Association for Educational Technology (SCAET) technology project awards.

- Colleton County School District will develop methods of recognizing student technology achievement, including the use of assistive technology, using resources such as CPU (Computer Power Users) and TNT (Teachers 'N Technology).

- See Appendix 8 for Construction Plans.

III. IMPLEMENTATION ACTION STEPS

Colleton County School District
- Hire and assign school technology coaches or form district-wide technology integration specialist teams to offer guidance to schools
- Hire and assign assistive technology coaches to educate teachers and help ensure that lesson plans and activities incorporate a variety of technologies in ways that make them accessible to individuals special needs
- Offer professional development courses using innovative delivery strategies
- Begin working with teachers in the classroom to create lesson plans that incorporate a variety of technologies into authentic multidisciplinary tasks
- Recognize exemplary technology teachers and students
- Hold technology fairs that showcase exemplary student technology projects to the community
- Encourage home and community involvement in the public school system by electronic communications and other media

CCSD Schools
- Implement an on-line system for displaying student work such as e-mail projects, on-line projects, and so forth
- Recognize exemplary student technology projects
- Provide access to technology resources, including assistive technology, during nontraditional school hours through Title One projects
- Include goals and strategies for technology and assistive technology development in school improvement plans
- Encourage home and community involvement in the public school system through the use of electronic communications and other media

IV. FUNDING CONSIDERATIONS

Colleton County School District
- Technology professional development
- Technology course development
- Technology staff
- Recognition programs
- Teacher and student portfolio materials
- Technology resources to support standards-based learning across the curriculum

Colleton County Schools
- Technology professional development
- Technology course development
- Technology staff
- Recognition programs
- Teacher and student portfolio materials
- Technology resources to support standards-based learning across the curriculum

V. EVALUATION

Objectives	Possible Baseline Data	Possible Data Sources to Be Used for Ongoing Evaluation and End-of-Program Report	Outcomes (Include "action list" items achieved.)				
			JAN. 2009	JAN. 2010	JAN. 2011	JAN. 2012	JAN. 2013
1.1 Increased access to computer workstations by students.	• Statewide achievement test scores • District report card • Technology surveys • Student	• Statewide achievement test scores • District report card • Technology surveys • Student portfolios • Observations and interviews					
1.2 Students will engage in authentic learning activities that are aligned with state standards and that integrate technology, including assistive technology, into the core content.							

V.   EVALUATION

Objectives	Possible Baseline Data	Possible Data Sources to Be Used for Ongoing Evaluation and End-of-Program Report	Outcomes (Include "action list" items achieved.)				
			JAN. 2009	JAN. 2010	JAN. 2011	JAN. 2012	JAN. 2013
1.3 Students will select the appropriate tools to complete authentic, real-life multidisciplinary tasks and will demonstrate technology competence by the end of the eighth grade.	portfolios • School technology and improvement plans • District, school, and community surveys	• Anecdotal records • Documented access to on-line resources • Listing of recognition programs					
1.4 Colleton County School District will provide students with an extended learning environment through technological tools, including assistive technology, that are designed to promote high academic achievement.							

TECHNOLOGY DIMENSION 2

PROFESSIONAL CAPACITY

GOAL
Colleton County School District will provide curriculum development and professional development to increase the competency of all South Carolina educators so that research-proven strategies and the effective integration of instructional technology systems can be used to increase student achievement.

SNAPSHOT OF CURRENT TECHNOLOGY USE

Currently, Colleton County School District uses a wide variety of curriculum and professional development strategies. Technology Workshops are offered by our Technology Partner MARKnet Networking Solutions, LLC. Training sessions are periodically scheduled for all staff members in the area of technology. During this 3-year cycle, Colleton County School District start with the SDE sponsored "e-portfolio". This web site will assist the school district with teacher assessment of teacher technology proficiency. Our District Technology Coach will insure implementation and compliance with the "e-portfolio" concept.

OPERATIONAL PLAN

I. OBJECTIVES AND STRATEGIES

GOAL: Colleton County School District will provide curriculum development and professional development to increase the competency of all South Carolina educators so that research-proven strategies and the effective integration of instructional technology systems can be used to increase student achievement.

OBJECTIVES	STRATEGIES
2.1 CCSD will enable educators to achieve and demonstrate proficiency in integrating state-recommended instructional technology standards (ISTE NETS-A, ISTE NETS-S, and ISTE NETS-T) into their specific area of professional practice to increase student achievement.	A. Encourage an initial teacher certification process that requires demonstration of proficiency in integrating instructional technology standards B. Adopt a process that requires teachers to demonstrate ongoing proficiency in integrating instructional technology standards C. Adopt a state educator professional

I. OBJECTIVES AND STRATEGIES

GOAL: Colleton County School District will provide curriculum development and professional development to increase the competency of all South Carolina educators so that research-proven strategies and the effective integration of instructional technology systems can be used to increase student achievement.

OBJECTIVES	STRATEGIES
	development program to aid districts in satisfying the requirements of the teacher technology proficiency proviso D. Include in district technology plans a professional development program that provides a guide for teachers to progress from their current levels of ability in using technology, including appropriate assistive technology, to full proficiency E. Require district and school administrators to demonstrate technology proficiencies based upon the state-recommended standards for administrators (ISTE NETS-A) using the ePortfolio system.
2.2 CCSD will provide the schools with full-time multidimensional technology leadership whose focus is to ensure that technology is making a significant instructional and administrative impact for students, teachers, and administrators.	A. Appoint or hire full-time technology coaches to assist with basic technology skills and the integration of the technology into classroom instruction in every school B. Require that technology coaches provide direct training and consultation to teachers in their classrooms, with special emphasis on helping administrators, teachers, and students meet the state-recommended technology standards (ISTE NETS-A, ISTE NETS-T, ISTE NETS-S) as well as helping students to meet the state's content standards in all areas
2.3 CCSD will collaborate in planning for professional development, ensuring that teachers and district staff are trained to use technology, including assistive technology, to enhance learning.	A. Develop and submit a technology plan that (1) is directed by the district's technology leadership, (2) is designed for the district and for each school in the district as applicable, and (3) calls for site-based input from technology committees or teams in each building B. Include in district technology plans

I. OBJECTIVES AND STRATEGIES

GOAL: Colleton County School District will provide curriculum development and professional development to increase the competency of all South Carolina educators so that research-proven strategies and the effective integration of instructional technology systems can be used to increase student achievement.

OBJECTIVES	STRATEGIES
	professional development for district staff and teachers to be part of assistive technology assessment teams
	C. Include in district technology plans the training needed to ensure the accessibility of electronic and information technology to students with special needs
	D. Include in district technology plans the training needed for school and district staff to evaluate software in order to make decisions that ensure the promotion of higher-order thinking skills for all students, including those with special needs
2.4 CCSD will provide schools with information and training in technology integration so that teachers can use research-based best-practice instructional methods throughout the curriculum.	A. Offer professional development activities and training in a variety of ways (i.e., on-site, off-site, on-line, self-paced, and combinations of these methods) to address the technology needs of staff, paying special attention to high-need schools and schools serving economically disadvantaged populations, including students with special needs
	B. Provide a list of professional development opportunities on the SCTLC (South Carolina: Teaching, Learning, Connecting) Web portal at http://www.sctlc.com and publicize other recognized professional opportunities for educators
	C. Provide professional development opportunities focused on aligning state technology standards with state content standards
	D. Develop alliances with subject, grade, or position-specific professional organizations to

GOAL: Colleton County School District will provide curriculum development and professional development to increase the competency of all South Carolina educators so that research-proven strategies and the effective integration of instructional technology systems can be used to increase student achievement.

OBJECTIVES	STRATEGIES
	promote technology integration throughout the K–12 curriculum
	E. Increase the availability of technology professional development tools to teachers: access to laptop computers and presentation devices, Internet access at the classroom level, interactive on-line access to state curriculum standards and lesson plans, access to Web-based and/or CD-ROM-based training opportunities, and access to state-of-the art training centers in their particular geographic areas
	F. Develop an extensive statewide network of professional development providers who have the skills and experience necessary to prepare teachers for effective technology use
2.5 CCSD will assess the overall effectiveness of professional development in the area of instructional technology standards and the impact of technology on student achievement.	A. Establish minimum levels of teacher technology proficiency for replication and adaptation across the state
	B. Incorporate instructional technology assessment into current teacher and administrator evaluation processes
	C. Administer a statewide needs assessment to teachers and administrators to determine current levels and types of professional development that must be offered
	D. Administer evaluations to determine the effectiveness and impact of the professional development offered to teachers and administrators
	E. Begin the use of SDE "e-portfolio" web site to track teacher technology proficiency.

II.   ACTION LIST

II. ACTION LIST

- Colleton County School District will hire or appoint full-time leadership for the use of technology, including that for assistive technology, to increase student learning.

- Colleton County School District will utilize the expertise of staff members and faculty in schools.

- A school technology coach should be hired or appointed in every school.

- Colleton County School District will hire a full-time Technology Coach to assist with ePortfolio implementation and on-site teacher training.

- An assistive technology specialist and an assistive technology assessment team should be hired or appointed in this district.

- Colleton County School District will use the SDE web tool "e-portfolio' for evaluation teacher technology proficiency. No funding necessary. Provided free of charge by SDE.

- Colleton County School District will submit to the SDE an annual technology plan that documents site-based input and includes a plan for professional development that outlines the technology education offerings and requirements, including assistive technology.

- District and school administrators should submit to their supervisors an annual professional development plan that includes technology goals aligned with ISTE NETS-A and that is reviewed as part of the administrator's annual evaluation.

- Colleton County School District will provide training to district- and building-level administrators so that they can effectively assess a teacher's ability to integrate technology, including assistive technology, into the curriculum.

- Colleton County School District will provide training for assistive technology teams in assistive-technology assessment, options, and curriculum integration.

- Colleton County School District will provide training for teachers in using assistive technology tools.

- Colleton County School District will provide training in the evaluation of software in order to make decisions that ensure the promotion of higher-order thinking skills for all students, including those with special needs.

- Colleton County School District will provide training in accessibility issues involving applicable state and federal legislation.

- District reports and evaluations of professional development initiatives and reports on the use of technology grant funds should show an increase in access to professional development.

III. IMPLEMENTATION ACTION STEPS

Colleton County School District

- Submit a technology plan, including a professional development plan, to the Office of Technology for approval.
- Continue to partner with MARKnet Networking Solutions, LLC to provide targeted and relevant technology staff development. The school district will determine staff development needs and will convey these needs to MARKnet Networking Solutions, LLC.
- Administer a district technology professional development assessment to administrators and teachers to evaluate current training need areas and to create the district technology professional development plan on the basis of current needs
- Participate in ongoing, sustained professional development offerings, maintaining a log and a journal for each course, workshop, event, conference, and so forth, to place in portfolios
- Submit teacher technology proficiency assurance forms to the Office of Technology by the announced deadline if still applicable
- Initiate partnerships with community entities to create greater access to technology, including assistive technology, and a community learning environment
- Administer needs assessments to identify areas of weakness and follow up with assessments that measure the impact of professional development in technology
- Evaluate and adjust technology professional development plans as indicated by needs assessments
- Continue using the SDE "ePortfolio"system

Colleton County Schools

- Submit a technology plan, including a professional development plan, to the local district office
- Hire or appoint a school technology coach who is knowledgeable about assistive technologies for each school and will submit training and needs reports to the regional technology specialist
- Evaluate teacher and administrator portfolios to measure the impact of professional development in technology
- Administer needs assessments to identify areas of weakness and follow up with assessments that measure the impact of professional development in technology
- Monitor and adjust professional development in technology as indicated by needs assessments

IV.   FUNDING CONSIDERATIONS

Colleton County School District

- Committee development of professional development plans
- Committee development of district and school technology plans
- Professional development needs-assessment tools
- Evaluation tools to measure the impact and effectiveness of technology professional development
- Evaluation experts to help show the impact of programs and initiatives
- High-quality sustained professional development programs offered via innovative delivery methods
- Scientifically based research

Colleton County Schools

- Committee development of district and school technology plans
- School technology leader salary
- Professional development needs-assessment tool
- Evaluation tools to measure the impact and effectiveness of technology professional development
- Evaluation experts to help show the impact of programs and initiatives
- Scientifically based research

V. EVALUATION

Objectives	Possible Baseline Data	Possible Data Sources to Be Used for Ongoing Evaluation and End-of-Program Report	Outcomes (Include "action list" items achieved.)				
			JAN. 2009	JAN. 2010	JAN. 2011	JAN. 2012	JAN. 2013
2.1 Colleton County School District will enable educators to achieve and demonstrate proficiency in integrating state-recommended instructional technology standards (ISTE NETS-A, ISTE NETS-S, and ISTE NETS-T) into their specific area of professional practice to increase student achievement.	• Statewide achievement test scores • District report cards • Teacher technology proficiency proviso forms • Professional development surveys • School technology and improvement plans • SCTLC "Training" tab • Technology assessments	• Statewide achievement test scores • District report cards • Professional development tracking and surveys • Teacher technology proficiency proviso forms • Observations and interviews • Anecdotal records • Documented access to on-line resources • SCTLC "Training" tab • Technology assessments					
2.2 Colleton County School District will provide the schools with full-time multidimensional technology leadership whose focus is to ensure that technology is making a significant instructional and administrative impact for students, teachers, and administrators.							
2.3 Colleton County School District will collaborate in planning for professional development, ensuring that teachers and district staff are trained to use technology, including assistive technology, to enhance learning.							

			Outcomes (Include "action list" items achieved.)				
Objectives	**Possible Baseline Data**	**Possible Data Sources to Be Used for Ongoing Evaluation and End-of-Program Report**	**JAN. 2009**	**JAN. 2010**	**JAN. 2011**	**JAN. 2012**	**JAN. 2013**
2.4 Colleton County School District will provide schools with information and training in technology integration so that teachers can use research-based best-practice instructional methods throughout the curriculum.							
2.5 Colleton County School District will assess the overall effectiveness of professional development in the area of instructional technology standards and the impact of technology on student achievement							

V.   EVALUATION

TECHNOLOGY DIMENSION 3

INSTRUCTIONAL CAPACITY

GOAL

Colleton County School District will use current and emerging technology to create learner-centered instructional environments that enhance academic achievement.

SNAPSHOT OF CURRENT TECHNOLOGY USE

Colleton County School district current instructional capacity includes:
- Internet access for all classrooms.
- Cisco and HP Routers and 100/1000 Mb Switches at all schools. All 10/100 hubs have been removed.
- POE switches for Shoretel and other POE required systems.
- Well-equipped computer labs at all schools with network printers.
- Multiple Internet capable computers in many classrooms.
- WAN access to network remediation software via 100 Mb connections at all schools which includes:
  - Orchard
  - Larson's Math
  - Renaissance Learning
  - Benchmarking
  - SAT Prep Software
  - CCC
  - Testview
  - Flanagans
  - Read On!
  - Maps
- Intouch Software (via the Internet) for student and parent access to student records (i.e. Grades, Transcripts, Attendance, Discipline, etc.)

OPERATIONAL PLAN

I. OBJECTIVES AND STRATEGIES

GOAL: Colleton County School District will use current and emerging technology to create learner-centered instructional environments that enhance academic achievement.

OBJECTIVES	STRATEGIES
3.1 Colleton County School District will develop a technology framework for local planning that addresses the steps necessary to create a technology-rich environment that will foster increased achievement by all students, including those with special needs.	A. Ensure that curricular design, instructional strategies, and learning environments integrate appropriate technologies (including the range of assistive technology options) to significantly impact teaching and learning Facilitate the use of technologies to support and enhance instructional methods (including the use of hardware, software, and assistive technology) that develop higher-level thinking, decision-making, and problem-solving skills
3.2 Colleton County School District will provide teachers with the technology resources, including assistive technology, necessary to increase academic achievement by engaging students in active learning.	Provide teachers with access to knowledgeable personnel, productivity tools, on-line services, media-based instructional materials, and primary sources of data in settings that enrich and extend teaching goals
3.3 Colleton County School District will provide students with access to current and emerging technology resources that will extend their learning beyond the traditional classroom setting and schedule.	Provide students with access to technology, on-line services, and media-based instructional materials, allowing them to select appropriate tools that will enrich and extend their learning
3.4 Colleton County School District will provide and support a variety of multimedia equipment and software for teaching and learning.	A. Communicate via the district technology plan a vision for multimedia infrastructure designed to support instruction B. Establish a system for identifying, specifying, prioritizing, and managing equipment for multimedia development in direct support of curricular and professional development objectives

II. ACTION LIST

- Colleton County School District will conduct technology-planning meetings to address curricular design, instructional needs of all teachers, instructional strategies, and appropriate learning environments.

- Colleton County School District will conduct technology-planning meetings to address the inclusion of appropriate assistive technology into curricular design, instructional strategies, and learning environments (general and special education).

- Colleton County School District will pursue funding opportunities such as grants to provide funds to acquire and maintain hardware and software for use in classroom instruction.

- Colleton County School District will pursue funding opportunities such as grants to acquire and maintain assistive technology for use in classroom instruction and home access when appropriate.

III. IMPLEMENTATION ACTION STEPS

Colleton County School District

- Conduct technology curriculum planning meetings
- Include an instructional technology plan and an assistive technology plan in the technology plan to be submitted to the Office of Technology for approval
- Create methods of gauging technology readiness
- Evaluate hardware and software for desirable student outcomes and standardize selection when appropriate
- Designate technology leaders
- Participate in ongoing, sustained professional development offerings, maintaining a log and a journal for each course, workshop, event, conference, and so forth, to place in portfolios
- Submit teacher technology proficiency assurance forms to the Office of Technology by the announced deadline
- Initiate partnerships with community entities to create greater access to technology and a community learning environment
- Pursue funding opportunities such as grants to acquire and maintain hardware, instructional software, and assistive technology
- Pursue the delivery of courses for students and professional development courses for teachers via innovative methods

Colleton County Schools

- Conduct technology curriculum planning meetings
- Submit a technology plan, including a professional development plan, to the local district office
- Hire or appoint a school technology coach who is knowledgeable about assistive technologies for each school and will submit training and needs reports to the regional technology specialist

III.   IMPLEMENTATION ACTION STEPS

- Interview students to assess information literacy and the integration of technology into the classroom
- Pursue funding opportunities such as grants to acquire and maintain hardware, instructional software, and assistive technology

IV.   FUNDING CONSIDERATIONS

Colleton County School District

- Committee development of district and school technology plans
- Evaluation tools to measure the impact and effectiveness of the integration of technology with regard to student achievement
- Evaluation experts to help show the impact of programs and initiatives
- Scientifically based research
- Distance learning
- Eighth-grade proficiency measurement
- School technology leader implementation
- Professional development

Colleton County Schools

- Committee development of district and school technology plans
- School technology leader implementation
- Professional development needs-assessment tools
- Evaluation tools to measure the impact and effectiveness of the integration of technology with regard to student achievement
- Evaluation experts to help show the impact of programs and initiatives
- Scientifically based research
- Professional development

V. EVALUATION

Objectives	Possible Baseline Data	Possible Data Sources to Be Used for Ongoing Evaluation and End-of-Program Report	Outcomes (Include "action list" items achieved.)				
			JAN. 2009	JAN. 2010	JAN. 2011	JAN. 2012	JAN. 2013
3.1 Colleton County School District will develop a technology framework for local planning that addresses the steps necessary to create a technology-rich environment that will foster increased achievement by all students, including those with special needs.	• Statewide achievement test scores • Technology readiness and access surveys • District report cards • Teacher technology proficiency proviso forms • Teacher and administrator portfolios • School technology and improvement plans • Technology assessments • Documentation of offerings provided via innovative delivery methods	• Statewide achievement test scores • District report cards • Technology readiness and access surveys • Teacher technology proficiency proviso forms • Observations and interviews • Anecdotal records • Documented access to on-line resources • Technology assessments • Documentation of offerings provided via innovative delivery methods					
3.2 Colleton County School District will provide teachers with the technology resources, including assistive technology, necessary to increase academic achievement by engaging students in active learning.							
3.3 Colleton County School District will provide students with access to current and emerging technology resources that will extend their learning beyond the traditional classroom setting and schedule.							
3.4 Colleton County School District will provide and support a variety of multimedia equipment and software for teaching and learning.							

TECHNOLOGY DIMENSION 4

COMMUNITY CONNECTIONS

GOAL

Colleton County School District will increase student achievement through the use of technology, including assistive technology, by maximizing community involvement and community partnerships.

SNAPSHOT OF CURRENT TECHNOLOGY USE

Currently, Colleton County Schools maximizes community involvement and community partnerships in the area of technology by:
- o Intouch Software
  - ▪ This software allows parents and students to access student records via the Internet.   This is a secure link that uses a high level of security.
- o Media Center Access
  - ▪ School media centers are open to students and the general public after hours for homework and for other needs.
- o The Technology Center Training Lab
  - ▪ Many community and business organizations use The Technology Center Training Lab.
    - • This lab includes 15 new computers with a network printer, smart board and computer projection unit.

OPERATIONAL PLAN

I. OBJECTIVES AND STRATEGIES

GOAL: Colleton County School District will increase student achievement through the use of technology, including assistive technology, by maximizing community involvement and community partnerships.

OBJECTIVES	STRATEGIES
4.1 Colleton County School District will establish community technology partnerships and collaborations by providing tools, resources, and training that support student transition, achievement, and outcomes. (The term *community* includes parents, businesses, state and local agencies, nonprofit groups, and institutions of higher education.)	A. Form district-community partnerships to provide students with real-world experiences in the use of technology, including assistive technology, that enhance academic achievement B. Form district-community partnerships to help research and evaluate school and district technology projects C. Provide recognition/reward programs and/or incentives for partnerships showing impact D. Write community-collaborative technology grants to develop and fund the use of technology to improve teaching and learning E. Form district-community partnerships to facilitate the use of technology, including assistive technology, in the public schools and to improve outcomes for students transitioning from school to work or higher education
4.2 Colleton County School District will fully utilize all available resources by fostering collaboration and cooperation among state-supported organizations, institutions, and initiatives.	A. Identify all of the organizations, institutions, and initiatives that are currently focused on instructional technology applications B. Compile a database of institutions willing to partner with high-need school districts by creating a message board on the South Carolina: Teaching, Learning, Connecting (SCTLC) Web portal (http://www.sctlc.com) where potential partners can communicate with one another and generate ideas C. Partner with other school districts as well as community entities to collaborate in order to provide assistive technology demonstration,

I. OBJECTIVES AND STRATEGIES

GOAL: Colleton County School District will increase student achievement through the use of technology, including assistive technology, by maximizing community involvement and community partnerships.

OBJECTIVES	STRATEGIES
	loan, and assessment for students with special needs
4.3 Colleton County School District will provide after-hours training and community access to labs, media centers, and classrooms.	A. Create and publish flexible schedules of after-hours technology access and training for students, parents, teachers, and community members B. Create opportunities for access to facilities for after-hours assistive technology training for students, parents, teachers, and community members
4.4 Colleton County School District will ensure that all their buildings are linked by the Internet to the State Library's DISCUS databases and to the Web sites of universities, museums, and other institutions to facilitate virtual communication between home, school, and community.	Host an electronic list through the SCTLC Web portal for school districts and community entities interested in collaborative initiatives

II. ACTION LIST

- Colleton County School District will initiate and increase community collaborations that give students, teachers, and members of the local community increased access to and training in technology, including assistive technology.
- Middle schools will continue to use Intouch for communication to parents
- Intouch will be implemented in the elementary schools
- Schools should develop a rubric to measure the success of their community partnerships.
- Colleton County School District will publish school lab schedules showing after-hours technology access and training.
- Colleton County School District will maintain logs of professional development, community offerings, and internship opportunities in technology.
- Colleton County School District will maintain logs of partnerships and their role in helping

research and evaluate technology projects.

- Colleton County School District will publicize successful collaborations with outside entities in the demonstration, loan, and assessment of assistive technology.

- Colleton County School District will post successful technology grant applications on the Internet for others to use as models

- Colleton County School District will develop lists of possible partner organizations, institutions, and initiatives that may include the following:

  - South Carolina Commission on Higher Education
  - Distance education learning centers (DELCs)
  - Instructional Television (ITV)
  - School Technology Initiative
  - MARKnet Networking Solutions, LLC (Staff Development Specialists)
  - Math and Science Hubs
  - South Carolina: Teaching, Learning, Connecting (SCTLC) Web portal
  - South Carolina Assistive Technology Advisory Committee
  - South Carolina Assistive Technology Project
  - South Carolina Commission for the Blind
  - South Carolina Department of Disabilities and Special Needs
  - South Carolina Department of Education
  - South Carolina Educational Television
  - South Carolina State Library
  - South Carolina Vocational Rehabilitation Department

- Colleton County School District will plan and coordinate regular meetings of representatives of collaborative groups to determine how they can best cooperate to meet the professional development needs of Colleton County educators.

- Colleton County School District will lead the formation of consortia among local education agencies, business and industry, public entities, private organizations, museums, libraries, colleges, and private schools for the full utilization of technology and assistive technology expertise.

- Colleton County School District will publish a list of successful consortia, partnerships, and initiatives on the SDE Web site and the SCTLC Web portal.

- Colleton County School District will provide increased access and use of school facilities for after-hours technology training.

- Colleton County School District will provide flexible technology training schedules to the SDE.

- Colleton County School District will provide information about assistive technology training opportunities on the SDE Web site and through the SCTLC Web portal.

- Colleton County School District will utilize its Web site to publish a list of volunteers for

II.   ACTION LIST

possible technology partnerships to benefit that district's schools.

III.   IMPLEMENTATION ACTION STEPS

Colleton County School District

- Submit a technology plan, including a professional development plan, to the Office of Technology for approval
- Encourage flexible lab, media center, and classroom hours among schools, including opportunities for community members to see and try assistive technology
- Initiate partnerships with community entities to create greater access to technology and a community learning environment
- Initiate partnerships with community entities to research technology projects
- Include members of the community in writing technology grants to develop and fund better teaching and learning through technology, including assistive technology
- Utilize the Web site to publish a list of volunteers for possible technology partnerships
- Measure access and use of school technology facilities

Colleton County Schools

- Submit a technology plan, including a community partnership plan, to the local district office
- Distribute parent and community information through report cards
- Develop, implement, and publicize flexible lab, media center, and classroom hours, including opportunities for community members to see and try assistive technology.
- Initiate partnerships with community entities to create greater access to technology and a community learning environment
- Initiate partnerships with community entities to research technology projects
- Include members of the community in writing technology grants to develop and fund better teaching and learning through technology, including assistive technology

IV.   FUNDING CONSIDERATIONS

Colleton County School District

- Evaluation experts to help show impact of community programs and initiatives
- High-quality sustained community training technology programs offered via innovative delivery methods
- Community and apprentice internships
- Facility operation beyond the regular school day
- District survey administration, collection and analysis, and reporting
- Grant-writing experts and workshops

Colleton County Schools

- Evaluation experts to help show the impact of community programs and initiatives
- High-quality sustained community training technology programs offered via innovative delivery methods
- Community internships
- Facility operation beyond the regular school day
- School survey administration, collection and analysis, and reporting

			V. EVALUATION					
Objectives	**Possible Baseline Data**	**Possible Data Sources to Be Used for Ongoing Evaluation and End-of-Program Report**	**Outcomes (Include "action list" items achieved.)**					
			JAN. 2009	**JAN. 2010**	**JAN. 2011**	**JAN. 2012**	**JAN. 2013**
4.1 Colleton County School District will establish community technology partnerships and collaborations by providing tools, resources, and training that support student transition, achievement, and outcomes. (The term *community* includes parents, businesses, state and local agencies, nonprofit groups, and institutions of higher education.)	• Statewide achievement test scores • Community technology access surveys • Lab, media center, and classroom schedules • SDE Technology Counts survey • School technology plans • Documentation of offerings provided via innovative delivery methods	• Statewide achievement test scores • Community technology access surveys • Lab, media center, and classroom schedules • SDE Technology Counts survey • School technology plans • Observations and interviews • District and school Web site information • Documentation of offerings provided via innovative delivery methods • Districts and school list of grants and community partnerships					
4.2 Colleton County School District will fully utilize all available resources by fostering collaboration and cooperation among state-supported organizations, institutions, and initiatives.							
4.3 Colleton County School District will provide after-hours training and community access to labs, media centers, and classrooms.							
4.4 Colleton County School District will ensure that all their buildings are linked by LAN, WAN, and/or the Internet to the State Library's DISCUS databases and to the Web sites of universities, museums, and other institutions to facilitate virtual communication between home, school, and community.							

TECHNOLOGY DIMENSION 5

SUPPORT CAPACITY

GOAL
Colleton County School District will expand and support technology resources to assist educators and learners in meeting the state academic standards.

SNAPSHOT OF CURRENT TECHNOLOGY USE

Currently, Colleton County School District is working to expand and support its technology in an effort to assist educators and learners in meeting the state academic standards. CCSD prides itself on a well-developed network infrastructure. Colleton County Technology Center is currently working to expand the bandwidth between schools. There is not enough technology support staff to meet demands of the district.

OPERATIONAL PLAN

I. OBJECTIVES AND STRATEGIES

GOAL: Colleton County School District will expand and support technology resources to assist educators and learners in meeting the state academic standards.

OBJECTIVES	STRATEGIES
5.1 Colleton County School District will ensure that all students, including those with special needs, and teachers have access to electronic information resources.	A. Maintain a technology inventory that includes the status of current network/Internet access, workstations and other devices available for access, software applications available for addressing state academic standards, peripherals, and other factors related to universal access to network resources
	B. Conduct needs assessments (1) to identify required network components, workstations, and other devices needed for network access, including assistive technology devices, and (2) to identify and evaluate software applications required to meet academic needs as well as peripherals and other resources required to create universal access to network resources
	C. Create a district strategic plan for acquiring and

I. OBJECTIVES AND STRATEGIES

GOAL: Colleton County School District will expand and support technology resources to assist educators and learners in meeting the state academic standards.

OBJECTIVES	STRATEGIES
	implementing the technology, including assistive technology, that is required to provide universal access to network resources D. Develop the district strategic plan with input from all segments of the school community—students, teachers, therapists, administrators, parents, community members, community agencies, and local businesses—and include in the plan a mechanism for review and revision as needed E. Seek school and district funding from available local, state, and federal sources, including E-rate, grants, and bonds
5.2 Colleton County School District will ensure that their schools have an integrated, secure network infrastructure with dynamic bandwidth capacity to support fully converged networks that allow for communication, data collection and distribution, and distance learning.	A. Communicate in the district technology plan a vision for multimedia infrastructure designed to support instruction B. Establish a system for identifying, specifying, prioritizing, and managing equipment for multimedia development in direct support of curricular and professional development objectives C. Ensure the installation, maintenance, and support of multimedia-capable teacher stations in classrooms including data projectors to support large-group instruction D. Research and implement an integrated network infrastructure capable of utilizing all distribution modules E. Use bundled distribution packages as a primary means of distribution to manage fully converged networks F. Install and maintain networks, virus protection, and Internet filtering according to industry standards by implementing systemic, state-of-the-art network security tools at all levels of access to LANs, WANs, and other networks G. Assess LAN/WAN technology currently

I. OBJECTIVES AND STRATEGIES

GOAL: Colleton County School District will expand and support technology resources to assist educators and learners in meeting the state academic standards.

OBJECTIVES	STRATEGIES
	implemented to determine SNMP (simple network management protocol) compliance H. Implement a district network management tool that performs automated software installation
5.3 Colleton County School District will have qualified technical staff, including one networking engineer per WAN or per ten LANs, one networking technician per LAN, and one end-user support technician per every five hundred users.	A. Develop statewide minimum staffing requirements and job descriptions, with a state-guided salary schedule, for the positions of networking engineer, networking technician, educational technology director, and support technician B. Provide state-level network support for district engineers C. Appoint a district network manager who will lead a committee in identifying and evaluating network management tools that will meet the needs of the district
5.4 Colleton County School District will implement a disaster recovery plan for all points of failure in LANs and WANs, including redundant data storage, robust automated backup, and immediate hardware recovery.	A. Ensure that disaster recovery plans are included in the district technology plan B. Ensure that schools will have electrical distribution systems that provide isolated circuits in all classrooms and redundant power sources for mission-critical equipment C. Implement a district management application that monitors bandwidth on the LAN and WAN and provides network failure alarms that can be accessed remotely
5.5 Colleton County School District will implement an obsolescence and upgrade plan to replace and recycle equipment and software.	Ensure that the obsolescence and upgrade plans are included in the district technology plan
5.6 Colleton County School District will increase their ability to design Web pages and Web-based instruction that are accessible to students and staff with special needs in accordance with	Provide training in basic Web page accessibility principles to staff, teachers—and, when appropriate, students—who design Web pages as part of the curriculum

I. OBJECTIVES AND STRATEGIES

GOAL: Colleton County School District will expand and support technology resources to assist educators and learners in meeting the state academic standards.

OBJECTIVES	STRATEGIES
Section 508 of the Rehabilitation Act of 1973 as amended by the Workforce Improvement Act of 1998.	

II. ACTION LIST

- Colleton County School District will have access to a database with a complete technology inventory, including assistive technology, showing the type of equipment/device, its location, its use, peripherals to which it has access, applications to which it has access, and other relevant information.

- Colleton County School District will maintain a needs-assessment document showing technology-based resources and applications required to address the mission of the district, including networking, hardware/devices, and software applications as well as assistive technology.

- Colleton County School District will include in their local budgets line items for technology, including assistive technology, with sufficient funding to implement the designated strategies.

- Colleton County School District will publish a procedure for the perpetual review of equipment used in multimedia development processes. Reviews should quantify equipment and processes by their impact on teaching and learning.

- Colleton County School District will maintain a strategic plan for acquiring and implementing technology, including assistive technology, for universal access to network resources. This document should show the strategies for addressing the identified needs, the persons responsible for addressing and completing each strategy, and the resources/funds necessary to fully implement the strategies.

- District technology plans should include a strategic vision for building a multimedia infrastructure to support instruction.

- District technology plans should include a disaster recovery plan.

- District technology plans should include an obsolescence and upgrade plan, including strategies to refurbish, resell, recycle, or donate obsolete devices.

- District policies outlined in district technology plans should include security accountability, virus protection, and Internet filtering guidelines.

- District technology plans should provide for outlets and amperage and for meeting industry standards and building codes.

II. ACTION LIST

- Colleton County School District will use professional discussion groups to share the results of their research about the implementation of integrated network infrastructures and bundled distribution practices.

- Colleton County School District will have records to show that they have assessed their current LAN/WAN technology.

- District network managers should provide the district office with quarterly reports of statistics on bandwidth utilization.

- Colleton County School District will use the SDE Technology Counts on-line survey to report on their use of network management tools.

- Colleton County School District will ensure that new school construction provides for isolated power in each classroom, computer lab, telecommunications closet, and work area.

- Colleton County School District will provide UPS (uninterruptible power supply) systems for all critical equipment.

- Colleton County School District will use the minimum staffing and salary requirements for the positions specified in objective 4.3.

- Colleton County School District will have a network manager in place.

- District staff, teachers, and students should be aware of basic Web accessibility guidelines when designing Web pages.

- Colleton County School District will designate a Web accessibility resource person to coordinate training and information sharing among district personnel.

III. IMPLEMENTATION ACTION STEPS

Colleton County School District

- Hire and maintain employment of a District Technology Coach
- Maintain technology inventories, including assistive technology
- Conduct needs assessments to identify required technology, including assistive technology
- Create a strategic technology plan that includes strategies for acquiring, managing, and implementing required technology, including assistive technology
- Implement a district disaster recovery plan and an obsolescence and upgrade plan
- Seek funding from local, state, and federal sources
- Encourage and publicize flexible access schedules
- Create a vision for a multimedia infrastructure
- Encourage schools to provide multimedia-capable workstations
- Research and implement an integrated network infrastructure
- Use bundled distribution packages to manage fully converged networks
- Install and maintain secure networks
- Employ staff for adequate network maintenance and support
- Implement a district management application that monitors bandwidth on the LAN and WAN
- Ensure that schools have adequate electrical distribution systems
- Publish procedures and schedules for review of equipment and software used in multimedia development including rubrics for judging impact on teaching and learning
- Provide schools with the necessary guidance and training in creating Web pages to ensure that electronic information is accessible to students and teachers with special needs

Colleton County Schools

- Create a strategic technology plan that includes strategies for acquiring and implementing required technology, including assistive technology
- Seek funding from local, state, and federal sources
- Create flexible schedules for access to technology
- Provide multimedia-capable workstations
- Install and maintain secure networks
- Employ staff for adequate network maintenance and support
- Provide adequate electrical distribution systems

IV. FUNDING CONSIDERATIONS

Colleton County School District

- Total cost of ownership (TCO) calculation to determine the allocation per student per year necessary to keep the pace with the need for access to network resources [Consortium for School Networking's TCO tool available on-line at http://www.classroomtco.org]
- Technology committee meetings to develop products such as the multimedia infrastructure plan and the disaster recovery plan
- Materials to publish an updated technology plan
- Multimedia teacher workstations including data projectors
- Hardware and software to secure all LANs and WANs to comply with district, state, and industry standards
- Technology director, networking engineer, and networking technician
- Equipment inventory assessment program
- Isolated circuit plan
- Support planning
- Technology needs assessments and surveys

Colleton County Schools

- Total cost of ownership (TCO) calculation to determine the allocation per student per year necessary to keep the pace with the need for access to network resources [Consortium for School Networking's TCO tool available on-line at http://www.classroomtco.org]
- Technology committee meetings to develop products such as the multimedia infrastructure plan and the disaster recovery plan
- Materials to publish an updated technology plan
- Multimedia teacher workstations including data projectors
- Hardware and software to secure all LANs and WANs to comply with district, state, and industry standards
- Support planning
- Technology needs assessments and surveys

V.   EVALUATION

Objectives	Possible Baseline Data	Possible Data Sources to Be Used for Ongoing Evaluation and End-of-Program Report	Outcomes (Include "action list" items achieved.)				
			JAN. 2009	JAN. 2010	JAN. 2011	JAN. 2012	JAN. 2013
5.1 Colleton County School District will ensure that all students, including those with special needs, and teachers have access to electronic information resources.	• Statewide achievement test scores • District report cards • Professional development tracking and surveys • District, school, and community surveys • School technology and improvement plans • Documented access to technology resources • Technology needs assessments • SDE Technology Counts on-line survey • Budget data • State personnel reports	• Statewide achievement test scores • District report cards • Professional development tracking and surveys • Observations and interviews • Documented access to technology resources • District, school, and community surveys • School technology and improvement plans • Documented access to technology resources • Technology needs assessments • SDE Technology Counts on-line survey • Budget data • State personnel reports					
5.2 Colleton County School District will ensure that their schools have an integrated, secure network infrastructure with dynamic bandwidth capacity to support fully converged networks that allow for communication, data collection and distribution, and distance learning .							
5.3 Colleton County School District will have qualified technical staff, including one networking engineer per WAN or per ten LANs, one networking technician per LAN, and one end-user support technician per every five hundred users.							
5.4 Colleton County School District will implement a disaster recovery plan for all points of failure in LANs and WANs, including redundant data storage, robust automated backup, and immediate hardware recovery.							
5.5 Colleton County School District will implement an obsolescence and upgrade plan to replace and recycle equipment and software.							

			Outcomes (Include "action list" items achieved.)				
Objectives	**Possible Baseline Data**	**Possible Data Sources to Be Used for Ongoing Evaluation and End-of-Program Report**	**JAN. 2009**	**JAN. 2010**	**JAN. 2011**	**JAN. 2012**	**JAN. 2013**
5.6 Colleton County School District will increase their ability to design Web pages and Web-based instruction that are accessible to students and staff with special needs in accordance with Section 508 of the Rehabilitation Act of 1973 as amended by the Workforce Improvement Act of 1998.							

V.   EVALUATION

Cumulative Benchmarks

Note: These targets and benchmarks will be monitored and adjusted annually in the report to the people of Colleton County. **These Benchmarks have been DIRECTLY aligned to the State's Technology Plan.**

2010-11

Learners and Their Environment

- Seventy percent of the county's students will possess effective communication skills and technology literacy as evidenced by presentations at technology conferences and fairs.

Professional Capacity

- Plans and funding will be developed to begin the process of hiring a District Technology Coach
- Technology coaches will be hired and in place at the 1 high school and 3 middle schools.

Instructional Capacity

- Seventy percent of teachers will integrate technology and information literacy skills into their teaching of the South Carolina academic standards as evidenced by the technology proficiency assurance forms and teacher portfolios.
- Seventy percent of students will meet the information literacy and technology skills for their grade level as found on the SDE's performance matrix for information literacy and technology education.

Community Connections

- Colleton County will have an 8 percent yearly increase in community collaborations that result in better teacher and student access to technology, better teacher and student use of technology, more teacher and student real-world experiences in technology-related fields, more research and evaluation of technology projects, and more community collaboration technology grants submitted and dollars funded.
- Colleton County's elementary, middle, and high schools will provide access to technology-related facilities after hours for parents, teachers, and community members.

Support Capacity

- Colleton County School District will include in our technology plan an assessment of our current technology needs, our current technology inventory, and our current technology support strategies.

2011-12

Learners and Their Environment

- Eighty percent of the Colleton County's students will possess effective communication skills and technology literacy as evidenced by teacher and student technology portfolios and by presentations at technology conferences and fairs.

Professional Capacity

- Plans and funding will be developed to begin the process of hiring a technology coach at each elementary school.

Instructional Capacity

- Eighty percent of Colleton County's students will meet the information literacy and technology skills for their grade level as found on the SDE's performance matrix for information literacy and technology education.

Community Connections

- Colleton County will have an 8 percent yearly increase in community collaborations that result in better teacher and student access to technology, better teacher and student use of technology, more teacher and student real-world experiences in technology-related fields, more research and evaluation of technology projects, and more community collaboration technology grants submitted and dollars funded.

- Colleton County's elementary, middle, and high schools will provide access to technology-related facilities after hours for parents, teachers, and community members.

Support Capacity

- Colleton County School District will include in our technology plan an assessment of our current technology needs, our current technology inventory, and our current technology support strategies.

2012-13

Learners and Their Environment

- Eighty five percent of the county's students will possess effective communication skills and technology literacy as evidenced by presentations at technology conferences and fairs.

Professional Capacity

- Plans and funding will be developed to begin the process of getting technology coaches at the district's 3 middle schools.

- If not done so already a technology coach will be hired and in place at Colleton County High School

Instructional Capacity

- Eighty five percent of teachers will integrate technology and information literacy skills into their teaching of the South Carolina academic standards as evidenced by the technology proficiency assurance forms and teacher portfolios.

- Eighty five percent of students will meet the information literacy and technology skills for their grade level as found on the SDE's performance matrix for information literacy and technology education.

Community Connections

- Colleton County will have an 8 percent yearly increase in community collaborations that result in better teacher and student access to technology, better teacher and student use of technology, more teacher and student real-world experiences in technology-related fields, more research and evaluation of technology projects, and more community collaboration technology grants submitted and dollars funded.

- Colleton County's elementary, middle, and high schools will provide access to technology-related facilities after hours for parents, teachers, and community members.

Support Capacity

- Colleton County School District will include in our technology plan an assessment of our current technology needs, our current technology inventory, and our current technology support strategies.

2013-14

Learners and Their Environment

- Ninety percent of the county's students will possess effective communication skills and technology literacy as evidenced by presentations at technology conferences and fairs.

Professional Capacity

- Plans and funding will be developed to begin the process of getting technology coaches at the district's 7 elementary schools.

- If not done so already technology coaches will be hired and in place at the 3 middle schools.

Instructional Capacity

- Ninety percent of teachers will integrate technology and information literacy skills into their teaching of the South Carolina academic standards as evidenced by the technology proficiency assurance forms and teacher portfolios.

- Ninety percent of students will meet the information literacy and technology skills for their grade level as found on the SDE's performance matrix for information literacy and technology education.

Community Connections

- Colleton County will have an 8 percent yearly increase in community collaborations that result in better teacher and student access to technology, better teacher and student use of technology, more teacher and student real-world experiences in technology-related fields, more research and evaluation of technology projects, and more community collaboration technology grants submitted and dollars funded.

- Colleton County's elementary, middle, and high schools will provide access to technology-related facilities after hours for parents, teachers, and community members.

Support Capacity

- Colleton County School District will include in our technology plan an assessment of our current technology needs, our current technology inventory, and our current technology support strategies.

Acknowledgements

- **Beth Frank, Colleton School District Technology Director**
- **Doug Bullock, Consultan, MARKnet Network Solutions, LLC**
- **Cheryl Rourke, Secretary, Colleton School District**
- **Mary Jo Fox, Technology Coach, Colleton County School District**
- **Laura Bullock, Teacher, Colleton County Schools**
- **Claudia Boensch, Parent/GrandParent**
- **Mark Pearl, Consultant, 2Gems, LLC**

Bibliography

South Carolina State Technology Plan 2003-08: Realizing the Dream. Total document available on-line at **http://myscschools.com/offices/tech/techplan/sctp2003_08/**

Colleton County School District Technology Plan 2001-04.   Total document available on-line at **http://www.colleton.k12.sc.us/TechPlan/01_02tr/index.html**

Colleton County School District Technology Plan 2007-10.   Total document available on-line at **http://www.colleton.k12.sc.us/TechPlan/07_10TechPlan_files/07-10TechPlan.pdf**

Appendix 1: No Child Left Behind Action Plan

1. A description of how your district will use federal funds including Enhancing Education through Technology (E2T2) competitive and/or formula funds to improve the academic achievement, including the technology literacy, of all students attending the schools served and to improve the capacity of all teachers teaching in these schools to integrate technology effectively into curricula and instruction.

   ## Can be found on pages 15-20 of this document.

2. A description of your school district's specific goals for using advanced technology to improve student academic achievement aligned with challenging state academic content and student academic achievement standards. This explanation should include a description of the curriculum and teaching strategies that integrate technology effectively into curricula and instruction, based on an intensive review of relevant research.

   ## Can be found on pages 15-20 of this document.

3. A description of the steps your district will take to ensure that all students and teachers in schools served by the local education agency have increased access to educational technology.

   ## Can be found on pages 30-34 of this document.

4. A description of how your district will use the E2T2 competitive and/or formula funds (including the combining of these funds with monies from other federal, state, and/or local sources) to help ensure that students in high-poverty and high-needs schools have access to technology and to ensure that teachers are prepared to integrate technology effectively into curricula and instruction.

   ## Can be found on pages 15-29 of this document.

5. A description of how your district will provide ongoing, sustained professional development for teachers, principals, administrators, and school library media personnel serving the local education agency, to further the effective use of technology in the classroom or library media center, including, if applicable, a list of the entities that will be partners with the local education agency involved in providing the ongoing, sustained professional development.

   ## Can be found on pages 30-34 of this document.

6. A description of the type and costs of technologies to be acquired for your technology program through the use of E2T2 competitive and/or formula funds, including supporting sources such as services, software, and digital curricula. Your explanation should include specific provisions for interoperability among the components of such technologies.

   ## Can be found on pages 30-34 of this document.

7. A description of how your district will integrate technology (including software and other electronically delivered learning materials) into curricula and instruction to support standards-based learning and provide a timeline for such integration.

Can be found on pages 15-20 of this document.

8. A description of how your district will encourage the development and utilization of innovative strategies for the delivery of specialized or rigorous academic courses and curricula through the use of technology, including distance learning technologies, particularly for those areas that would not otherwise have access to such courses and curricula due to geographical isolation or insufficient resources.

Can be found on pages 15-20 of this document.

9. A description of how your district will ensure the effective use of technology to promote parental involvement and increase communication with parents, including a description of how parents will be informed of the technology being applied in their child's education. Explain how these strategies will allow parents to reinforce at home the instruction their child receives at school.

Can be found on pages 35-41 of this document.

10. A description of how programs in your district will be developed, where applicable, in collaboration with adult literacy service providers, to maximize the use of technology.

Can be found on pages 21-29 of this document.

11. A description of the process and accountability measures that your district will use to evaluate the extent to which the activities in your technology plan, including those activities funded under the E2T2 program, are effective in integrating technology into curricula and instruction, increasing the ability of teachers to teach, and enabling students to meet challenging state academic content and student academic achievement standards.

Can be found on pages 15-50 of this document.

12. A description of the supporting resources (such as services, software, other electronically delivered learning materials, and print resources) that will be acquired to ensure successful and effective uses of technology.

Can be found on pages 42-50 of this document.

Appendix 2: Teacher Technology Proficiency Proviso Professional Development Plan

Colleton County School District

I. Requirements

Proviso 1.40 (SDE: Teacher Re-certification — Technology)

To ensure the effective and efficient use of the funding provided by the General Assembly in Par IA, Section 1 X.C. for school technology in the classroom and internet access, the State Department of Education shall approve teacher technology competency standards required by local school districts as part of the Teacher Professional Development Plan. Approval of the teacher technology standards by the Department shall be a prerequisite for expenditure of district technology funds. Teachers must demonstrate proficiency in these standards and be validated by the school district.

Adopting ISTE Teacher Technology Standards

The South Carolina Department of Education endorses and advocates that districts adopt and follow the standards developed by the International Society for Technology in Education. Colleton County School District has adopted these standards. The National Council has adopted these competencies for Accreditation of Teacher Education (NCATE) for pre-service teachers. Reflecting fundamental concepts and skills for using technology in classrooms, these national standards are being adopted by many states for in-service teachers. The ISTE standards can be viewed online at:

http://www.iste.org/

The ISTE standards should be incorporated into and/or tied to the professional development component of each district's technology plan. Thus, acquiring competencies becomes a goal for that section of the plan.

Guidelines for District Teacher Technology Professional Development Plans

- Districts must adopt teacher technology standards that are in alignment with the ISTE Standards.
- Districts must develop a Teacher Professional Development Plan that addresses how they will prepare teachers to meet the ISTE teacher technology standards.
- The standards and the Teacher Professional Development Plan must be incorporated into or tied to the district's overall district technology plan. As district technology plans are

revised, the teacher technology standards and the Teacher Professional Development Plan should be incorporated into the updated district technology plan.

- Districts must submit to the Office of Technology their district technology plans as they are revised and updated. Teacher technology standards and Teacher Professional Development Plan must be submitted for approval to the Office of Technology if these are NOT part of the district technology plan.
- The SDE will review the submitted plans. SDE will provide approval for those plans that meet guidelines or will provide recommendations for any necessary revisions.
- Districts must provide assurance forms to the Office of Teacher Certification that each teacher is proficient in technology prior to the conclusion of that teacher's certification validity period.

Each Teacher Professional Development Plan must include:

- Teacher technology standards adopted by the district.
- Professional development offerings to prepare teachers to meet the teacher technology standards.
- Assessment strategies. Include copies of assessment tools and descriptions of how they are used. Assessment tools include, but are not limited to pre-/post- tests, self-assessments, observations, and portfolios. The Office of Technology is researching the possibility of offering an online assessment by districts during the next fiscal year.
- Timeline of district implementation of Teacher Professional Development Plan.
- Identify district contact person(s) for management and implementation of the Teacher Professional Development Plan.

Renewal Cycle Clarification

"Validation cycle is the same as renewal cycle for certificates. Therefore, those teachers who renewed during the 1999-2000 cycle (which ended 30 Jun 2000), must meet P1.40 requirements by 30 Jun 2005; those teachers in the 2000-2001 cycle, must meet the requirements by 30 Jun 2006; those teachers in the 2001-2002 cycle, must meet the requirements by 30 Jun 2007; and so on. However, we are encouraging districts to implement their technology staff development plans as soon as they can so teachers can meet the requirements in the next 5 years".

II. Colleton County Adopted Competencies (adopted 5/9/2001)

Colleton County School District has adopted a set of technology competencies that teachers and staff must demonstrate during their next certification validity period. These competencies assure that teachers and staff will be proficient in the use of technology both in general and in learning activities for students. In addition, these competencies

will comply with ISTE National Educational Technology Standards.

The South Carolina Department of Education endorses and advocates that school districts adopt and follow the standards developed by the International Society for Technology in Education (ISTE). Those standards are related to a set of performance profiles and proficiency indicators. Click one of the links below to go to the National Educational Technology Standards (NETS) web pages.

<div align="center">

ISTE National Educational Technology Standards (NETS)

ISTE Teacher Technology Performance Profiles

</div>

III. Technology Competencies for Educators: Essential Knowledge and Skills

The following list includes specific technology competencies for Colleton County School District staff. For teachers, these are the competencies that must be demonstrated prior to next recertification.

1	■	**System Operation Skills**
1.1		Start up and shut down computer system and peripherals
1.2		Identify and use icons, windows, menus, and shortcuts on the desktop
1.3		Select and start multiple applications
1.4		Save/Copy/Delete/Rename/Backup files on Local (A:,C:) and Network Drives (H:,R:,S:)
1.5		Use various printing options including network printing if applicable
1.6		Insert and eject floppy disk and CD-ROM
1.7		Use the mouse right and left click buttons
1.8		Create/Delete/Rename/Move/Copy Folders and Subfolders
2	■	**Basic Hardware**
2.1		Setup computer system and connect peripheral devices including mouse, keyboard, printer to their proper ports
2.2		Protect and care for floppy disks
2.3		Care and Cleaning of computers and printers
2.4		Using the application Help resources to diagnose and correct common problems

2.5		Installing and upgrading an application
3	■	# Word Processing
3.1		Enter, edit, cut, copy, paste and move a block of text
3.2		Save (and Save As), open, and print documents
3.3		Change text format and style, set margin, line spacing, tabs
3.4		Check spelling, grammar, word usage
3.5		Create numbered or bulleted lists
3.6		Insert clip art into document
4	■	# Internet
4.1		Start and navigate the Internet using Netscape or Microsoft Internet Explorer
4.2		Type a specific URL on the address line and go to a specific web site
4.3		Add a URL to a "favorites" or "bookmarks" list
4.4		Access a "search engine" (i.e. Yahoo, Lycos, etc) and find sites related to a specific topic
4.5		Understand and follow the district's "Acceptable Use Policy" located on the district web site
4.6		Use District's Electronic Mail and be able to compose, send, retrieve, read, reply, and forward e-mails
4.7		Send and Receive attachments using e-mail
4.8		Subscribing to specialized e-mail lists relevant to professional information needs
4.9		Connect to the district's web site (www.colleton.k12.sc.us)
5	■	# Instructional Applications
5.1		Coordinate use of hardware, software and peripheral devices within the classroom
5.2		Teach, support, and supervise student use of technology
5.3		Integrate technology resources into lessons and learning activities
5.4		Integrate local information resources into lessons and learning activities
5.5		Integrate Internet resources into lessons and learning activities
5.6		Actively encourage and provide for appropriate student use of all technology resources

*Additional competencies will be added as needed

Colleton County School District provides remediation for teachers and administrators who have difficulty attaining the minimum technology competencies listed in the above table. Remediation will be in the form of periodic staff development. This staff development will be conducted by:

Beth Frank, Technology Coordinator
Linda Wasko, Regional Technology Specialist

IV. Assessment

Colleton County School District conducts ongoing assessment to measure technology integration into the classroom curriculum. Specific assessment will be done to meet the requirements of Proviso 1.40 for all teachers.

Methods of Assessment:

A.
Successful completion of Professional Development offering that meets the current ISTE standards.

See V. Professional Development Offerings listed below.

B. Direct observation by approved district staff using the compentencies listed above. Teachers may be certified as proficient in staff development workshops or may invite the evaluator to their classroom to demonstrate their proficiency.

V. Professional Development Offerings

The district holds frequent workshops on technology for all staff members. These workshops are developed from the ITSE standards and by survey/requests.

VI. Timeline of District Implementation of Teacher Professional Development Plan

The Teacher Professional Development Plan is in place. The district, starting in spring 2007, will begin the use of "e-portfolio" to better determine district/teacher needs in the Professional Development area.

Spring 2007	Begin "e-portfolio"
Fall 2007	Evaluate performance objectives from data collected by e-portfolio.
Spring 2008	Create a new District Teacher Professional Development Plan.

VII. Contact Information

For further information please contact:

Name:	Beth Frank
Title:	Technology Coordinator
District:	Colleton County School District
Mailing Address:	200 Jefferies Boulevard Walterboro, SC 29488
Phone number:	843-549-1591
Fax number:	843-549-2244
E-mail address:	bfrank@mail.colleton.k12.sc.us
Date Plan Written:	May 8, 2001
Date Plan Expires:	June 30, 2008

Appendix 3: Acceptable Use Policy

Acceptable Use Policy for Colleton County Schools

Student Access Policy to Networked Information Resources

Students are encouraged to use telecommunications to explore educational topics, conduct research, and communicate with others. Access to computers, however, also makes available material that may not be appropriate for student's age or course of study. The District will attempt to restrict access to inappropriate materials and will require parental consent for all students to access the Internet. A signed Internet User Permission slip must be on file at the appropriate site prior to using the Internet.

No student will engage in the following activities while using the Internet:

1. Sending, displaying, or requesting offensive message or pictures.
2. Using obscene language.
3. Harassing, insulting, or attacking others.
4. Damaging computers, computer systems, or computer networks.
5. Violating copyright laws.
6. Using others' passwords.
7. Trespassing in others' folders, work, or files.
8. Intentionally wasting limited resources.
9. Employing the network for commercial purposes

Sanctions may include:

1. Loss of access to computers.

2. Disciplinary action for inappropriate language or behavior consistent with School Board Policies.

3. Notification of law enforcement agencies when criminal conduct is suspected.

Every Student That Uses This Lab Must Have Turned In The Following Permission Form To The Media Center
CCSD Student Internet Use Permission Form

I understand and will abide by the District Rules for Student Access to Networked Information Resources. I further understand that any violation of the regulations will not be tolerated and may constitute a criminal offense. If I commit any violation, my access privileges may be revoked, school disciplinary action may be taken, and appropriate legal action may be pursued.

User's Full Name (please print): _____

User's Signature: _____

Date: _____

 PARENT OR GUARDIAN

As the parent or guardian of this student, I have read the District Rules for Student Access to Networked Information Resources. I understand that this access is designed for educational purposes only. Although the School District has taken precautions to eliminate inappropriate material, I recognize it is impossible for the School District to restrict access to all such materials. Therefore, I agree that my child would be responsible for any non-educational materials that he or she acquires on the network. With these understandings, I give my permission to issue an account for my child to use the Internet at school.

Parent or Guardian's Name (please print) _____

Parent or Guardian's Signature: _____

Date: _____

Every Teacher That Uses This Lab Must Have Turned In The Following Permission Form To The Media Center
Employee Acceptable Use Policy for Colleton County Schools

Employee Access to Networked Information Resources

Employees are encouraged to use telecommunications to explore educational topics, conduct research and communicate with others in a professional capacity. Access to Networked Information Resources is a privilege extended to employees for educational purposes. Colleton County student use of these resources for educational purposes will take precedence. The Colleton County School District requires that each employee attend an orientation and sign an Acceptable Use Agreement form prior to using the Networked Information Resources.

Employees will not engage in the following activities while using Networked Information Resources.

1. Sending, displaying, or requesting offensive message or pictures.

2. Using obscene language.

3. Harassing, insulting, or attacking others.

4. Damaging computers, computer systems, or computer networks.

5. Violating copyright laws.

6. Using others' passwords.

7. Trespassing in others' folders, work, or files.

8. Intentionally wasting limited resources.

9. Employing the network for commercial purposes

Sanctions may include:

1. Loss of access to computers
2. Disciplinary action for inappropriate language or behavior consistent with School Board Policies.
3. Notification of law enforcement agencies when criminal conduct is suspected.

Employee Acceptable Use Policy

I have read, understand, and will abide by the Colleton County School District Policy. I further understand that any violation of this policy is unethical and may constitute a criminal offence. Should I commit any violation, my access privileges may be revoked and I may be subject to other disciplinary actions prescribed by law or School Board Policy. I understand that one of my duties will be to monitor student use of the Networked Information Resources during periods of classroom access.

I clearly understand that it is my responsibility to closely monitor students while they are accessing the Internet.

User's Full Name (please print) _____ Date:_____

User's Signature: _____

Network/Internet--Terms and Conditions of Use

Internet Orientation:

Acceptable Use - Acceptable use always is ethical, reflects honesty, and shows restraint in the consumption of shared resources. It demonstrates respect for intellectual property, ownership of information, system security mechanisms, and the individual's rights to privacy and freedom from intimidation, harassment, and unwarranted annoyance. Access to computer systems and networks owned cooperated by the Colleton County School District imposes certain responsibilities and obligations on users and is subject to Colleton County School District policies

and local, state, and federal laws. Use of other networks or computing resources must comply with the rules governing those networks owned or operated by the Colleton County School District.

Privileges - The use of the networks and their resources is a privilege, not a right, and inappropriate use may result in the severe restriction of privileges. The principal or his/her designee will deem what is inappropriate use and his/her decision is final. Also, the principal, or his/her designee, retains the right to close and account at any time as required. The administration, faculty, and staff of the Colleton County School District may request that the principal deny, revoke, or suspend specific user accounts, require payment for any damages to the system, and bring criminal charges if deemed necessary. The contents of any material created in conjunction with the use of this network should not interfere with educational purposes and may be reviewed by any staff members responsible for the user at any time. Parents, or legal guardians, have the right to request to see the content of any material created or accessed by their child/children.

Network Etiquette - The user is expected to abide by the generally accepted rules of network etiquette. These include, but are not limited to, the following:
* Be polite. Use appropriate language. Abusive, vulgar, or any other inappropriate language is not allowed.
* Sharing personal home addresses and phone numbers and those of other students or colleagues is prohibited.
* Consider all Internet activities as public. Communications relating to or in support of illegal activities may be responded to the authorities.

* Report to your teacher as soon as you find something you think is not right or makes you feel uncomfortable.
* Assume that all communication and information accessible via the network as private property and therefore copyrighted.
* Your password is your private possession and should be treated as such.
* Teachers and administrators have the right to monitor transmissions.

The following list represents some of the inappropriate uses that are not permitted by the Colleton County School District:
* Commercial advertising, or unethical/illegal solicitation.
* Accessing a file or web site that contains pornographic or obscene pictures, videos, stories, or other material: making copies of such material, or distributing or exposing others to such material.
* Using copyrighted material without permission.
* Sending or receiving messages that are obscene, profane, racist, sexist, inflammatory, threatening, or slanderous toward others.
* Creating and or placing a computer virus on the network or any workstation.
* Sending messages or information with someone else's name on it or misrepresenting the source of information you enter or send.
* Sending or receiving messages or information that is inconsistent with the school's conduct code or assists others to violate that code.
* Harassing others or requesting or distributing addresses, home phone numbers, or other personal information which could then be used to make inappropriate calls or contacts.
* Sending chain letters or engage in "spamming" (sending an annoying or unnecessary message to large numbers of people.)
* Purchasing something, which requires you to submit a credit card number, or obligates the student or school to another party.
* Attempting to access and/or alter information in restricted areas of any network or in any way violate the confidentiality rights of other users on any network.
* Failing to report abuses or other conditions that may interfere with the appropriate and efficient use of school resources.

Users are required to report any of the following to his/her teacher or the building network administrator as soon as the following are discovered:

* Any message, files, Web sites, or user activities that contain materials that are in violation of this policy.
* Any messages, files, Web sites or user activities that solicit personal information about you or someone else, or request a personal contact with you or another user. (Asks for your address, phone number, credit card number, Social Security number, or to meet you.)
* Attempts by any user to abuse or damage the system or violate the security of the network and its resources.
* Any illegal activity or violation of school policy.
* Any error messages or problems which indicate that the system is not working properly.

Warranty - The Colleton County School District makes no warranties of any kind, whether expressed or implied, for the service it is providing. The Colleton County School District will not be responsible for any damages you suffer. This includes loss of data resulting from delays, non-deliveries, misdirected deliveries, or service interruptions obtained via the Internet is at your own risk. The Colleton County School District specifically denies any responsibility for the accuracy or quality of information obtained through it services.

Security - Security on any computer system is a high priority, especially when the system involves many users. If you feel you have identified a security problem on the network, you must notify a staff member or building network system administrator. Do not demonstrate the problem to other users. Attempts to log on to any network as a system administrator will result in cancellation of user privileges. Any user identified as a security risk or having a history of problems with other computer systems may be subject to severe restriction or cancellation of privileges.

Vandalism - Vandalism is defined as any malicious attempt to harm or destroy the data of another user, Internet, or other networks that are connected to any of the Internet backbones. This includes, but is not limited to, the uploading or creation of computer viruses, deletion or alteration of other user files or applications, removing protection from restricted areas, or

The unauthorized blocking of access to information, applications, or areas of the network. Vandalism will result in cancellation of network privileges.

User Privacy - The Colleton County School District reserves the right to examine, restrict, or remove any material that is on or passes through its network, just as it does any other work or material generated or brought to school by staff or students. Access to electronic information related to any student or staff member will be governed by the same policies that would apply to that information if it were not in electronic form.

Colleton County Employees
I have read, understand, and will abide by the above Acceptable Use Agreement. I further understand that any violation of the regulations above is unethical and may constitute a criminal offense. Should I commit any violation, my access privileges may be revoked and I may be subject to other disciplinary actions prescribed by law or other school policies.

I clearly understand that my responsibility is to monitor students accessing the Internet during my class periods.

User's Full Name (please print): _____

User Signature: _____

Date: _____

Appendix 4: How E-Rate Areas Have Been Addressed

1. The district technology plan must establish clear goals and a realistic strategy for using telecommunications and information technology to improve education and library services.

Can be found on pages 15-20 of this document.

2. The district technology plan must have a professional development strategy to ensure that staff members knows how to use the new technologies to improve education.

Can be found in Appendix 2 of this document.

3. The district technology plan must include an assessment of the telecommunications services, hardware, software, and other services that will be needed to improve education.

Can be found on pages 42-50 of this document.

4. The district technology plan must provide for a sufficient budget to acquire and maintain the hardware, software, professional development, and other services that will be needed to implement the strategy for improved education. Specifically, how does the district intend to fund those items of equipment, software, services, and training *not* covered by the E-rate discount? It is recommended that a plan for hardware refreshment be built into all district technology plans.

Can be found in Appendix 6 of this document.

5. The district technology plan must include an evaluation process that enables the district and its schools to monitor progress toward the specified goals and make midcourse corrections in response to new developments and opportunities as they arise.

Can be found on pages 15-50 of this document.

Appendix 5: Report on Previous Technology Report 3-year Cycle (2007-2010)
Progress toward Goals, Objectives, Strategies, Benchmarks, Actions, and Outcomes

Below is a listing of individual items that were accomplished during the previous 3 year technology plan, 2007-10 by the Colleton County School District Technology Center. All Goals, Objectives, Strategies, Benchmarks, Actions, and Outcomes from the district's previous Tech Plan have been met. Specific details can be found below as they pertain to the 2010-13 Technology Plan Update Goals, Objectives, Strategies, Benchmarks, Actions, and Outcomes.

❑ Technology Center Staff made changes to SASI grade configurations at district middle schools in order to comply with the new district policy regarding exam weights in semester grade calculations.

❑ Technology Center Staff installed the RescueMe software which is a new remote technical support access program. This software allows technology staff to remotely control a computer in order to troubleshoot and assist the user with technical problems.

❑ Technology Center Staff continues to work software vendor support to configure the SPAM filter. The email system is again blocking email that is suspected as being SPAM and identifying the email as such. The system allows technology staff to track machines that are sending out viruses so that they can be re-imaged to remove the viruses.

❑ Technology Center Staff replaced the hard drive in the Forest Hills file server.

❑ Technology Center Staff completed server backups during the Christmas break.

❑ Technology Center Staff members continue working with E-Rate Consultant Tom Traywick on the process of applying for e-rate funds for the 2007-2008 year.   Through this process we will be able to secure funding for specific technology items for the new Cottageville Elementary School.

❑ Technology Center Staff installed the Fast Forward Basics program at Cottageville, Hendersonville and Northside.

❑ Technology Center Staff attending a meeting with district SASI clerks and the superintendent to discuss attendance reporting issues.

❑ Technology Center Staff moved technology equipment (rack and switch) at the Education Center for the Maintenance Department.

❑ Technology Center Staff imported HSAP scores into the Testview program.

❑ Technology Center Staff assisted Hendersonville Elementary teachers with access errors to TestView.

❑ Technology Center Staff installed and terminated cabling at Colleton Annex Learning Center, Special Services, Forest Circle and Forest Hills.

❑ Technology Center Staff re-imaged various labs to provide for the latest patches and updates.

❑ Technology Center Staff assisted several schools with the installation on Renaissance Learning files in their computer labs.

❑ Technology Center Staff, working with E-Rate Consultant Tom Traywick, filed ERATE 471 applications for the district. Through these applications the district is requesting funding for various technology projects including eligible items for the new Cottageville Elementary School.

❑ Technology Center Staff have completed the following steps regarding the district-wide upgrades of our Internet circuits.
   o Configured every switch in school district for Management with new circuits
   o Reconfigured Screendoor for new network
   o Upgraded the district's IP addressing scheme for the move from State CIO to Spirit Tel.
   o Reconfigured all DHCP services
   o Reconfigured all Windows Servers
   o Reconfigured District Firewall for new IP addressing scheme.
   o Repaired and reconfigured Maintenance Shop since it is not on our network.
   o Reconfigured district software (e.g. Follett, Renaissance Learning, Discus) so as to work with new IP addressing scheme.
   o Configured all Routers in District for new speeds and configurations.
   o Documented all changes to network on the district's WAN diagram.
   o Switched over to New Circuits (much faster circuits).
   o Reconfigured all Novell Servers for new circuits

School/Location	Old Circuit Speed	New Circuit Speed
To the Internet	6 Mbps	10 Mbps
To TTC/DO	9 Mbps	100 Mbps
CCHS/TCTC	3 Mbps	100 Mbps
BES	1.5 Mbps	10 Mbps
BSE	1.5 Mbps	10 Mbps
CES	1.5 Mbps	10 Mbps
CMS	1.5 Mbps	10 Mbps
EBE	1.5 Mbps	No change
EDU	1.5 Mbps	No change
FCM	1.5 Mbps	10 Mbps
FHE	1.5 Mbps	10 Mbps
HES	1.5 Mbps	10 Mbps
NSE	1.5 Mbps	10 Mbps
RMS	1.5 Mbps	10 Mbps

❑ Technology Center Staff have been working with Special Services to complete the necessary setup of the Excent software program. Excent Online© is the statewide mandated software

package for developing Individual Education Programs (IEPs) and for collecting statewide data. Technology staff members have extracted data from SASI and have submitted this data to the vendor. This will allow for the import of SASI data into Excent thus saving Special Services staff from having to enter this data by hand. The Technology Center will continue to work with Special Services until this program is fully functional.

❑ Technology Center Staff have completed the SASI New Year Rollover process. This process moves student data to the appropriate school for 2007-2008 and setups the necessary files SASI files for the next year.

❑ Technology Center Staff configured all Novell servers for the new daylight savings time. Configuration changes for Windows servers and workstations will be automatic.

❑ Technology Center Staff meet with Systems and Services to review plans for network electronics, cabling specifications and IP phone systems selection for the new Cottageville Elementary School.

❑ Technology Center Staff imported Winter 2007 MAPS scores into the Testview program.

❑ Technology Center Staff fixed SASI access errors for the Transportation Office.

❑ Technology Center Staff purchased and installed twenty-five additional licenses for E-pop, the district's instant messaging system. This brings the total number of district users to 305.

❑ Technology Center Staff installed and terminated cabling at the District Office and Forest Hills.

❑ Technology Center Staff re-imaged various labs to provide for the latest patches and updates.

❑ The District Internet upgrade to the new Metro E circuits has been completed.

❑ Technology Center Staff installed new ScreenDoor software. This is the district's filtering software program.

❑ Technology Center Staff reconfigured Packeteer for additional HTML speed.

❑ Technology Center Staff configured additional backup routines due to the additional bandwidth that is available following the circuit upgrade.

❑ Technology Center Staff built a new web server and WSUS server.

❑ Technology Center Staff completed documentation on the district WAN.

❑ Technology Center Staff have completed 50% of the required work for VLAN conversion. Work completed includes:
  ❑ Finished Stage 1 of the new network segmentation at All school sites. Work included:
    o Assigning Unique Names to all Switches/Routers on site and assigning IP addresses to each.

- o Removing the Proxy server from the gateway path for each site and configuring the main switch/router to use the new Metro-E Lines.
    - o Helping connect the new MPLS circuits at the Education Center and Edisto Beach.
  - ❑ Finished Stage 2 of the new network segmentation at CCHS. Work included:
    - o Configuring all switches at the site with trunking interfaces to propagate the VLANs across the network.
    - o Configuring the core switch at the site with the new VLANs that are to be propagated.
    - o Configuring all switches to join the VTP domain in which the new VLANs are carried.
  - ❑ Started Stage 2 of the new network segmentation at CMS.

- ❑ Technology Center Staff have been working with Special Services to complete the necessary setup of the Excent software program. Excent Online© is the statewide mandated software package for developing Individual Education Programs (IEPs) and for collecting statewide data. Teacher data was extracted from SASI and submitted to the software vendor. The Technology Center will continue to work with Special Services until this program is fully functional.

- ❑ Technology Center Staff upgraded the district firewall to handle the new daylight savings time.

- ❑ Technology Center Staff created and submitted the Class Roster file for all schools for the Spring 2007 MAPS testing which will take place March 19 – April 6, 2007.

- ❑ Technology Center Staff installed and terminated cabling at the Cottageville Elementary Media Center.

- ❑ Technology Center Staff installed ten new computers at Colleton Middle School.

- ❑ Technology Center Staff installed a new computer and network printer at the Maintenance office.
- ❑ Technology Center Staff has begun to prioritize access to requested educational websites to assist with access speed to these sites. Teachers were asked to submit websites that they are using in their classrooms and, once verified for their educational value, these sights are being assigned a priority level. Access to higher priority websites will be given first access to available bandwidth while non prioritized sites will have slower access.

- ❑ Technology Center Staff have been in contact with Dell Computers regarding a problem we have been experiencing with the GX270 cpu model. These computers have been failing shortly after their three year warranty has expired. The number of computers that are failing has become alarming. We have also been unable to even purchase parts to repair these computers.

  After further contact with Dell, they have issued a statement that they are aware that there is a problem with the capacitors on the mother board. This problem not only effect GX270 models but also GX280 models. Dell has extended the original three year warranty to a five

year warranty on any GX270 or GX280 that is affected by the capacitor problem on the mother board.

We have a total of 468 GX270 computers and 346 GX280 computers in the district.

❑ Technology Center Staff updated all workstations and servers with the new daylight savings time patches.

❑ Technology Center Staff created teacher contracts for 2007-08 for the Personnel Office.

❑ Technology Center Staff corrected problems with SASI at Ruffin Middle and Colleton County High.

❑ Technology Center Staff created a web site for the Gear Up program. Information about the Gear Up program may be viewed at http://www.colleton.k12.sc.us/gearup/gearup.htm

❑ Technology Center Staff installed a windows WSUS server so that we can send out Windows updates to all machines locally instead of them going out to the Internet.

❑ Technology Center Staff installed a new SIF server (Schools Interoperability Framework). The SIF agent will allow data to be directly transferred from SASI to other programs. SASI data is currently transferred between SASI and Testview and AR. This new server will allow us the opportunity to interface SASI data with other district programs as the need arises in the future. Funding for this SIF server was provided by the State Department of Education.

❑ Technology Center Staff assisted Stephanie Drawdy and the CCHS Chorus with designing a flyer for the spring musical. Technology Center Staff also created a custom logo for the chorus to use to promote this event. The chorus will perform their spring musical on May 2 – 4 at 7:00 p.m.

❑ Technology Center Staff continues to work with Special Services to resolve issues with the new Excent software program. Excent Online© is the statewide mandated software package for developing Individual Education Programs (IEPs) and for collecting statewide data. Teacher data was extracted from SASI and submitted to the software vendor. The Technology Center will continue to work with Special Services until this program is fully functional.

❑ MAPS testing was conducted March 19 – April 6. Technology Center Staff has been working with district schools to resolve problems and access reports.

❑ Technology Center Staff completed the SDE Assessment survey to gather information on district and school readiness for computerized state testing. A survey had to be completed for each school and district site.

❑ Technology Center Staff have been heavily involved with the administration of the HSAP and PACT state assessments.

- Technology Center Staff worked with CSI and HP technicians to correct the hardware problem with the CSI server. The server holds the district financial program.

- Technology Center Staff submitted the following reports to the State Department of Education:
    - HSAP Day 1 SWEET Data Collection Query
    - PACT Day 1 SWEET Data Collection Query
    - 135 day Membership and Attendance verification report
    - 135 day Cumulative Class verification report
    - CATE Placement Report
    - Drop out report

- Technology Center Staff installed new network cabling at Forest Hills Elementary School for ten classrooms.

- Technology Center Staff assisted schools with obtaining necessary quotes and purchases for utilizing available end of year funds.

- Technology Center Staff collected information from district schools and offices necessary for completing the State Technology Inventory.

- MAPS spring test results were uploaded into Testview.

- Technology Center Staff assisted Stephanie Drawdy and the CCHS Chorus by providing support for their spring musical. Technology Center Staff created a custom logo, designed a promotional flyer, designed the program and designed posters to be used as props during the show.

- Technology Center Staff continues to work with Special Services to resolve issues with the new Excent software program. Excent Online© is the statewide mandated software package for developing Individual Education Programs (IEPs) and for collecting statewide data. Teacher data was extracted from SASI and submitted to the software vendor. The Technology Center will continue to work with Special Services until this program is fully functional.

- The Technology Center was heavily involved with the administration of the PACT state assessments during the month of May. Half of the Technology Center Staff was focused completely on testing during the month of May.

- Technology Center Staff repaired the CSI server. A new controller and hard drive was installed. The server holds the district financial program. Technology Center Staff members have been working with CSI and the finance director on the replacement of this server.

- Technology Center Staff assisted schools with obtaining necessary quotes and purchases for utilizing remaining end of year funds.

- Technology Center Staff repaired the district I-Mail server and corrected problems with the software.

- Technology Center Staff moved the equipment racks at Black Street Elementary to accommodate the new ceiling that is being installed by maintenance.

- Technology Center Staff attended the State Department of Education's Early Childhood / SASI meeting. New requirements for this program will require additional information to be collected on all 4 and 5 year old students. A new Early Childhood registration for was developed, placed on the district web site and sent to all elementary schools. Once this data is collected, it must be entered in SASI. Failure to enter this data in SASI for each student will result in the loss of funding for Pre-Kindergarten and Kindergarten students.

- Technology Center Staff instructed SASI clerks on entering Academic Plan Data into SASI. This data is now being required by the SDE.

- Technology Center Staff met with the Personnel Director and a representative from the State Department of Education to review Highly Qualified data in SASI.

- Technology Center Staff installed new network cabling at Forest Hills Elementary School, Bells Elementary and Colleton Annex Learning Center.

- Technology Center Staff collected information from district schools and offices necessary for completing the State Technology Inventory.

- Technology Center Staff setup access to TestView for teachers at Colleton Annex Learning Center and at Adult Education.

- Technology Center Staff repaired the Hendersonville Elementary School server.

- Technology Center Staff have assisted schools with the order of SMART Boards. These boards have now been received and were delivered to Northside Elementary (7), Forest Hills (2), Ruffin Middle (1), Black Street (1) and Hendersonville (1). The Technology Center is working with Maintenance to coordinate the installation of the boards. Once installation is complete, the Technology Center will coordinate training for teachers in the use of the SMART Boards.

- Technology Center Staff began the rollout of the latest version of Symantec Antivirus. This program will have to be upgrade on all district computers.

- Technology Center Staff picked up old computers from Colleton County High School.

- Technology Center Staff has begun the process of replacing our "ZipSASI" machines at each school. These machines are used to provide Technology Center Staff with remote access to the server and software programs at each school and location.

- Technology Center Staff has begun the process of replacing the SPICE lab at Forest Hills.

- Technology Center Staff have been researching a possible replacement for the current email software. Google Apps provides free e-mail and other collaborative tools to educational sites. Staff members have attended several webinars to gather more information about the product before a final decision is made.

- The Technology Center purchased 15 laptops through the final allocations of the E2T2 grant. These laptops will be setup as needed in the board room to accommodate district training needs. The board room is also being set up with wireless access in order to provide Internet access for training purposes.

  A SMART Board and a mounted projection unit have been installed in the board room to enhance the training that can be provided at this location.

  The computer lab that was housed at the Tech Center has been dismantled due to the need for additional work area at the Technology Center. The computers will be used to replace the old computers in the SPICE computer lab.

- Technology Center Staff assisted Colleton County High School with the lease of 120 new Dell computers to replace the very old, outdated computers that were currently being used by the teachers. The teachers at CCHS are required to perform numerous functions of their job through the use of the computer including attendance, daily grades and final grade calculations via ClassXP and InteGrade Pro. The current computers were in desperate need of replacement.

- Technology Center Staff has been checking all Dell GX270 and GX280 computers in the district to determine if the computer has a faulty capacitor on the motherboard. Any GX 270 or GX280 with the faulty capacitor can have the mother board replaced at no cost for up to five years after manufacture of the computer. There are over 500 of these computers in the district. This summer approximately 150 motherboards have been replaced to date.

- Technology Center Staff worked with Palmetto Rural Telephone to reconfigure internet access for the Maintenance office building. This new configuration now allows the Maintenance Department to be placed on the district's internal network.

- Technology Center Staff have completed installation of a new computer lab at Colleton County High School. Wiring for the lab has been installed. A switch for the lab has been configured and installed. Computers have been moved and installed in the new lab.

- Technology Center Staff met with Forest Circle Middle administrator to develop plans for the addition of a new computer lab at the school.

- Technology Center Staff assisted schools with obtaining necessary quotes and purchases for utilizing remaining end of year funds.

- Technology Center Staff has spent a significant amount of time on the planning of the new IP Phone System.

- Technology Center Staff updated the No Child Left Information on the district website for the Federal Programs Coordinator.

- Technology Center Staff completed projected enrollments for the 2007-2008 school year. Special education projections were also completed.

- ❑ Technology Center Staff placed the employee activation forms on the district website.

- ❑ Technology Center Staff setup the Accelerated Reader program for use for summer school testing.

- ❑ Technology Center Staff assisted Colleton Middle School with Testview Reporting.

- ❑ Technology Center Staff is currently working on the SASI new year rollover process of moving and updating student data for the new school year.

- ❑ Technology Center Staff is currently working on updating computer images for all district computer labs. Once new images are created, all computers in district labs will be imaged.

- ❑ Technology Center Staff tested and labeled computer drops at Bells, Ruffin, Colleton County High, District Office and Buildings and Grounds.

- ❑ Technology Center Staff installed new network cabling at Forest Hills Elementary School, Bells Elementary and Colleton Annex Learning Center.

- ❑ Technology Center Staff completed the State Technology Inventory.

- ❑ Technology Center Staff began the rollout of the latest version of Symantec Antivirus. This program will have to be upgrade on all district computers.

- ❑ Technology Center Staff picked up old computers from Colleton County High School.

- ❑ Technology Center Staff installed new equipment storage racks at the Technology Center. Current equipment had long ago overtaken available space in the server room. The current tables were removed and three new racks were installed to house the current equipment. Equipment can now be easily accessed and room for growth is available. District Maintenance also installed additional power for the server room.

- ❑ Technology Center Staff has completed installation of the leased computers for Colleton County High School. Installation included the setup, configuration, move of data and printer install for 120 computers. The teachers are very excited about heir new computers. The replacement of the old computers will have a tremendous impact on the teachers as they perform their daily tasks and prepare their lessons.

- ❑ Technology Center Staff created a Beginning of the Year web page to provide parents and students with a one stop location to find important information about the beginning of school. Items of interest on the web page include the new dress code policy, bus routes, school beginning and end times, school supply list, and back to school/ schedule pickup dates. Schools were asked to submit information to be included on this web page.

- ❑ The installation of Smarts Boards for district schools has been completed. A total of eighteen boards are now installed across the district. Smart Boards have been installed at the following location – Northside (7), Forest Hills (3), Black Street (5), Hendersonville (1), Ruffin (1), Board Room (1).

- A projection unit and sound system have been installed in the media centers at Hendersonville and Northside. Training was provided to the media specialist at each school.

- Technology Center Staff received training on the new SMART Board that was recently installed in the board room. District administrators have already used this exciting tool to enhance their presentations and training for district staff.

- Training was provided to all teachers who received Smart Boards in their classrooms this summer. This first training was a basic overview of the board and software.

- Technology Center Staff assisted Northside Elementary with a Smart Board training session. Northside hired a consultant to provide a day of training for their teachers. Several other schools were invited to send a representative to this training. The Technology Centers provided the portable laptop lab for training participants.

- Technology Center Staff was able to host regional SASI training provided by the State Department of Education. The training took place in the board room with the portable laptop lab. Colleton was able to obtain 6 training slots for district employees. Employees from other school district also attended the training. Colleton will be hosting several other SASI training workshops over the next few months.

- Technology Center Staff continues with the rollout of the program Real VNC. This program will allow Technology Center Staff to remotely connect to any district computer to provide technical support.

- Technology Center Staff replaced all zipsasi machines and reconfigured all software. One zipsasi machine is setup at each school for Technology Center Staff use for transferring files and program installation.

- Technology Center Staff has completed the checking all Dell GX270 and GX280 computers in the district to determine if the computer has a faulty capacitor on the motherboard. Any GX 270 or GX280 with the faulty capacitor have had the mother board replaced. This summer approximately 200 motherboards have been replaced.

- Technology Center Staff have completed installation of a new computer lab at Colleton County High School. Wiring for the lab has been installed. A switch for the lab has been configured and installed. Computers have been moved and installed in the new lab.

- Technology Center Staff completed wiring installation for the new computer lab at Forest Circle Middle School. Once tables arrive, the computer will be setup and installation steps will be completed.

- Technology Center Staff meet with the Gifted and Talented to discuss the installation of the SPICE computer lab for their new location at Hendersonville Elementary School. Cable installation has been completed for the lab. Once the tables for the lab arrive, the computers will be setup and imaged for the program.

- Technology Center Staff added information to the district web site about the SPICE Gifted and Talented programs.

- Technology Center Staff is currently working on updating computer images for all district computer labs. Once new images are created, all computers in district labs will be imaged.

- Technology Center Staff installed new network cabling at Forest Circle Middle, Hendersonville and Colleton County High.

- Technology Center Staff continues to work on the rollout of the latest version of Symantec Antivirus. This program will have to be upgrade on all district computers.

- The upgrade to the 30 MB Internet circuit has been completed. This will provide schools with faster access to internet applications. The schools are seeing a significant increase in speed.

- Technology Center Staff worked with technician from CSI to install a new server for the finance program CSI. Staff members then had to reconfigure all district machines that access the CSI program.

- Technology Center Staff worked with Phase 5 Consulting for the upgrade of SASI to version 9.0, installation of the SASI interim release 9.1 and the SC State template at all schools and the district locations. SASI configurations were also changed for allow Special Services, Adult Education and Transportation to directly access the district SASI programs.

- Technology Center Staff added a field to SASI to track student attendance transfers. Possible transfer options are for attendance zone transfer, choice transfers, and board approved out of district transfers. This will give schools the ability to easily identify students attending their school who are out of zone.

- Technology Center Staff has completed the web based version of the School Board Policy Manual. The Policy Manual can be found at
  http://www.colleton.k12.sc.us/board.html

- Technology Center Staff corrected problems with IGPro at Ruffin Middle School.

- Technology Center Staff corrected problems with Intouch at Forest Circle Middle School.

- Technology Center Staff corrected scheduling problems at Forest Hills Elementary School.

- Technology Center Staff corrected SASI file corruptions at Northside Elementary School.

- Technology Center Staff installed 19 computer and 4 laptops purchased by Special Services for their special education teachers. These computers were installed in various locations throughout the district.

- Technology Center Staff completed setup of the new computer lab at Forest Circle Middle School.

- Technology Center Staff completed setup of the new SPICE computer lab at Hendersonville Elementary School.

- Technology Center Staff hosted regional SASI training provided by the State Department of Education. The training took place in the board room with the portable laptop lab. Colleton was able to obtain several training slots for district employees. Employees from other school district also attended the training. Colleton will be hosting several other SASI training workshops over the next few months.

- Technology Center Staff continues with the rollout of the program Real VNC. This program will allow Technology Center Staff to remotely connect to any district computer to provide technical support.

- Technology Center Staff members Claudia Boensch, Software Support Specialist, and Cheryl Rourke, Technology Support Specialist, both obtained their Microsoft Office Specialist Master Certification. This certification is presented to individual who pass a series of expert level exams for the Microsoft Office Suite products.

- Technology Center Staff assisted Ruffin Middle School with printing interim reports.

- Technology Center Staff installed 3 new computer labs at Colleton County High School - two for Special Education Classes and one science lab.

- Technology Center Staff upgrade the Art lab at Colleton County High School.

- Technology Center Staff completed the process of updating computer lab computers at Colleton County High School. Seventeen labs have been updated and reconfigured this school year.

- Technology Center Staff installed a new district firewall.

- Technology Center Staff installed new APC units at Forest Hills Elementary and at the Technology Center.

- Technology Center Staff installed a new computer lab for Adult Education.

- Technology Center Staff completed setup of the new SPICE computer lab at Hendersonville Elementary School.

- Technology Center Staff installed new cabling runs at Bells Elementary, Ruffin Middle, Northside Elemetary, Adult Education and Cottageville Elementary.

- Technology Center Staff hosted regional SASI training provided by the State Department of Education. The training took place in the board room with the portable laptop lab. Colleton was able to obtain several training slots for district employees. Employees from other school district also attended the training. Colleton will be hosting several other SASI training workshops over the next few months.

- Technology Center Staff attended the following training/meetings in September:

- South Carolina Information Technology Directors Conference
- Academic Plan Training
- ePortfolio Training
- Dropout, Truancy, UMIRUS reporting
- SASI / Excel Merge

❑ Technology Center Staff continues with the rollout of the program Real VNC. This program will allow Technology Center Staff to remotely connect to any district computer to provide technical support.

❑ Technology Center Staff continues to work on the rollout of the latest version of Symantec Antivirus. This month installation has been completed at Forest Hills, Northside and Hendersonville. This program will have to be upgrade on all district computers.

❑ Technology Center Staff installed and configured a new rack mounted PRIVATE web server for restricted district web applications (e.g. Teacher Observation Form, TFHS, etc.)

❑ Technology Center Staff installed, configured, and transferred data to a new rack mounted IMAIL server.

❑ A new anti-spam filter was added and configured to the IMAIL server. The district is now stopping approximately 8,000 spam messages per day.

❑ Technology Center Staff installed and configured a new rack mounted WSUS server. This is used to send out Microsoft updates instead of computers going to the Internet to get them.

❑ Technology Center Staff installed and configured the district's ETVStreamline server. This server synchronizes every night with the videos contained on the servers in Columbia. Now that the district has an ETVStreamline server within the district, transfers of videos are much faster since district users do not have to use our Internet connection.

❑ Technology Center Staff assisted Forest Hills Elementary with viewing the NASA space shuttle launch. Last spring students at Forest Hills participated in the Student Signatures in Space program. Channel 2 news was present to film this event.

> Since 1997, more than 3 million students across North America and in 33 other countries have participated in the *Student Signatures in Space* program that provides elementary and middle school students the opportunity to send their digitized signatures into space on a NASA shuttle mission.
>
> Each year, students at approximately 500 selected schools sign posters during Space Day events and activities. The *Student Signatures in Space* poster signing will take place during the spring of 2007.
>
> Following Space Day, the signed posters were be collected, digitally photographed and launched on an upcoming NASA space shuttle mission. After the flight returns, schools and groups will receive their original posters for display, along with a flight certificate and a photograph of the space shuttle crew that carried their signatures.
>
> The *Student Signatures in Space* program is jointly sponsored by NASA and Lockheed Martin Corporation, and there is no cost for schools to participate.

- Training classes have begun at the Technology Center. Currently, registration has been taken for the class "Introduction to SMART Boards – Level 1". Twenty district employees attended this first class. Due to popularity, three additional offerings of this class have been added. A level 2 class has also been added to the schedule.

- Technology Center Staff assisted schools with MAP testing. The testing window was closed on October 19th and district reports were ordered. The MAP scores were imported into the district Testview program.

- Technology Center Staff has worked with School Food Service to identify and properly code students who are eligible to participate in the National School Lunch Program.

- Technology Center Staff has begun the necessary steps to update school attendance zones. Student addresses have been checked for accuracy of data entry. Identified errors have been corrected.

- Technology Center Staff hosted regional SASI training provided by the State Department of Education. The training took place in the board room with the portable laptop lab. Colleton was able to obtain several training slots for district employees. Employees from other school district also attended the training. Colleton will be hosting several other SASI training workshops over the next few months.

- Technology Center Staff attended the SASI Users Conference.

- Technology Center Staff continues with the rollout of the program Real VNC. This program will allow Technology Center Staff to remotely connect to any district computer to provide technical support.

- Technology Center Staff continues to work on the rollout of the latest version of Symantec Antivirus. This month Forest Circle Middle, Black Street Elementary, and Special Services were updated with the latest antivirus software. This program will have to be upgrade on all district computers.

- Technology Center Staff submitted SASI data to the SDE via the SWEET Query.

- Technology Center Staff submitted the district's 45 day Membership and Attendance Report and the 45 day Cumulative Class Report.

- The Technology Center staff painted the cougar head on the football field for the home football game.

- A SMART board was installed at the Technology Center Staff. The Technology Center has begun holding training session at our facility.

- Technology Center Staff reconfigured the router for Buildings and Grounds.

- Technology Center Staff met with district maintenance, architects and PRTC on phase 1 plans of the new Colleton County High School.

❑ Technology Center Staff configured the SDE's ePortfolio system for district use. Below is more information about ePortfolio.

> *The State of South Carolina's Proviso 1.40 requires all teachers, counselors, and media specialists to be technology proficient before their next certification cycle. If a teacher, counselor, or media specialist is deemed not to be technology proficient then the proviso requires the district to both supply appropriate/targeted technology staff development and submit a remediation plan to the South Carolina Department of Education. This remediation plan must be created and submitted by the district's staff development coordinator. Failure by the district to supply staff development and subsequently bring the teacher up to an appropriate technology proficiency level will jeopardize state technology funding to our district.*
>
> *Since this is the last year of this proviso the South Carolina Department of Education fully believes that this proviso will be made law instead of being renewed for another seven years. Currently, it is up to each individual school district to determine if a teacher is "technology proficient". If this proviso becomes law, the South Carolina Department of Education will definitely require a more uniform way of measuring teacher technology proficiency for all South Carolina school districts. In anticipation of this happening the South Carolina Department of Education has purchased a web based program called ePortfolio to measure teacher technology proficiency. Colleton County School District will begin participation this year in the use of ePortfolio.*
>
> *ePortfolio measures teachers' technology proficiency using a web based survey/portfolio system. Teachers are asked questions (using ISTE standards) as to their technology expertise and a "technology level" is determined. Once this "technology level" is determined then teachers are required to upload a portfolio proving their expertise at this level. This portfolio must be approved by a supervisor and will be stored on the South Carolina Department of Education's servers for other state ePortfolio users to view. There are currently four (4) levels of expertise and a teacher MUST attain level 3 to be considered technology proficient.*

❑ Smart Board training classes have been offered at The Technology Center. Currently two courses have been offered: "Introduction to Smart Board – Level 1" and "Introduction to Smart Board Level 2". There classes have been extremely popular. Between November 6 and December 6 we have taught a total of 9 classes. There have been 5 Level 1 class with 20 student in each class and 4 Level 2 classes with 14 students per class. We are currently in the process of developing a Level 3 class. Additional classes are being scheduled for January and February.

❑ The following chart shows the number of SMART Boards currently installed in the school district.

	Number on Order	Already Installed	Total
Bells	3	0	3

Black Street	6	5	11
Cottageville	0	1	1
Edisto Beach	0	4	4
Forest Hills	4	3	7
Hendersonville	10	4	14
Northside	0	22	22
Colleton Middle	0	0	0
Forest Circle Middle	1	0	0
Ruffin Middle	0	5	5
CCHS*	0	0	0
Education Center	1	0	1
TCTC	0	0	0
CALC	0	0	0
Technology Center	0	1	1
District Office	1	0	1
Board Room	0	1	1
TOTAL	**26**	**46**	**72**

* CCHS has 2 interactive boards but they are not SMART boards.

❑ Technology Center Staff installed the new filtering district's new filter, Barracuda.   This device is used to filter Internet traffic to ensure that district computers are not reaching websites that are deemed as inappropriate.   Without a filtering system in place, the district would be in violation of federal law and also denied access to any federal funds.

As with any change, there has been an adjustment period as we become familiar with the new filtering system. The Technology Center technicians have been trained on the use of this filtering device and are able to make adjustment to fit our district needs. They have spent many hours learning the new system and using this new tool to monitor what kind of websites are being accessed in the district. There are those who have in the past found ways to get around our filters to access inappropriate sites from our schools. We will be monitoring and revoking Internet access as this is discovered.

There has been some confusion regarding our filtering system because many do not have a clear understanding of the district's Internet policies and of how Internet access works. We have created an *Internet Access FAQ* website that answers most questions.   This website may be accessed at http://www.colleton.k12.sc.us/Ttc/InternetAccessFAQ.htm.

❑ Technology Center Staff submitted Class Roster Files to NWEA and completed necessary setups for MAPS winter testing.

❑ Technology Center Staff has begun the necessary steps to update school attendance zones. Student addresses have been checked for accuracy of data entry. Identified errors have been corrected.

❑ Technology Center Staff attended GIS software training and Cisco Switch training.

❑ Technology Center Staff continues with the rollout of the program Real VNC. This program will allow Technology Center Staff to remotely connect to any district computer to provide technical support.

❑ Technology Center Staff continues to work on the rollout of the latest version of Symantec Antivirus. This month Black Street Elementary and Bells Elementary were updated with the latest antivirus software. This program will have to be upgrade on all district computers.

❑ Technology Center Staff submitted corrections to the district's 45 day Membership and Attendance Report and the 45 day Cumulative Class Report.

❑ Technology Center Staff have begun making preparations for the installation of the new district wide communication system, ShoreTel. Through this system the district will save money on our phone service by consolidating phone lines throughout the district. As part of this new communication system, wireless access will also be provided at these locations. ShoreTel will be installed in the new Cottageville Elementary School, but the Technology Center will house the main equipment that will distribute to the district. In preparation for the installation at Cottageville, the current phone systems at The Technology Center, the District Office, Title I and Buildings & Grounds will be concerted now as phase I of this project. Information on this system will be presented at the March 18th board meeting.

❑ Smart Board training classes are ongoing at The Technology Center. The Smart board training has been expanded to include four separate levels of training. Listed are the number of classes that have been held to date.

	Level 1	Level 2	Level 3	Level 4
November	4	1		
December	1	3		
January	2	2	2	1
February	1	4	4	1
March	1	3	1	3

❑ Wireless Internet access is being installed at Buildings and Grounds, District Office, and Tech Center.

❑ Technology Center Staff assisted Systems and Services in switching out equipment at Buildings and Grounds, District Office, and Tech Center.

❑ Technology Center Staff continues to work on the approved 2008-09 Elementary Attendance Zone lines. The web based attendance zone street lookup program is being edited to include the 2008-09 assignments by street.

❑ Technology Center Staff completed the draft versions of the 2008-09 District Calendar and sent it out to district employees for feedback and selection of their preferred draft.

❑ Technology Center Staff installed a new ETV Streamline Server and converted the previous server to become the new Shoretel Voicemail server.

❑ Technology Center Staff attended the Career and Technology Education (CATE) Data Collection Meeting.

❑ Technology Center Staff added fields to SASI to help with zoning data and At-Risk data collection/reporting for the SDE.

❑ Technology Center Staff corrected problems with the network switch at Hendersonville Elementary.

❑ Technology Center Staff attended the State Technology Directors meeting.

❑ Technology Center Staff toured Richland District 1 video distribution system with David Beverly of ETV to gain information on the new installation process for ETV at newly constructed facilities.

❑ Technology Center Staff conducted a meeting regarding the ETV distribution system at the new Cottageville facility.

❑ Technology Center Staff switched out the Energy Management System Server.

❑ Technology Center Staff installed a ZetaFax Server in the server rack in preparation for bringing this system on line.

❑ Technology Center Staff met with Jay Seaman about VBrick video at Cottageville Elementary.

❑ Technology Center Staff continued to work to resolve minor issues with Barracuda and reconfigured the Barracuda system.

❑ The following chart shows the number of SMART Boards currently installed in the school district.

	Number on Order	Already Installed	Total
Bells	0	5	5
Black Street	0	11	11
Cottageville	0	1	1

Edisto Beach	0	6	6
Forest Hills	1	8	9
Hendersonville	0	14	14
Northside	0	22	22
Colleton Middle	0	2	2
Forest Circle Middle	0	1	1
Ruffin Middle	0	5	5
CCHS*	0	0	0
Education Center	0	1	1
TCTC	0	0	0
CALC	0	0	0
Technology Center	0	1	1
District Office	0	1	1
Board Room	0	1	1
TOTAL	**1**	**79**	**80**

* CCHS has 2 interactive boards but they are not SMART boards.

- ❑ Technology Center Staff have been heavily involved with the administration of the HSAP and PACT state assessments.

- ❑ The Shoretel Communication System installation is now complete.
    - o The new phone system installation was a success. Every phone at the District Office, Technology Center, Title I and Building and Ground is now functioning on the new system.
    - o Training for district staff has been completed.
    - o The 24/7 auto-attendant has been configured.
    - o District phone directories have been setup.
    - o The Conference Bridge has been installed and configured and is in use. This component will allow the district to have the capabilities to hold our own phone conferences and webinars. This feature is available to all district locations.
    - o A training session was conducted on the Conference Bridge for interested district employees.

- ❑ Wireless Internet access has been installed at
    - o Colleton County High School Media Center
    - o Colleton County High School Guidance Conference room
    - o School Board Meeting room at CALC
    - o District Office
    - o Technology Center
    - o Buildings and Grounds

- ❑ Technology Center Staff submitted the following reports to the State Department of Education:
    - o HSAP Day 1 SWEET Data Collection Query
    - o 135 day Membership and Attendance verification report
    - o 135 day Cumulative Class verification report

o   CATE Placement Report

❑ Technology Center Staff conducted a Career and Technology Education (CATE) Data Collection meeting for Thunderbolt Career and Technology Center and district career specialists.

❑ Smart Board training classes are ongoing at The Technology Center. The Smart board training has been expanded to include four separate levels of training. Listed below are the number of classes that have been held to date or are scheduled for this month.

	Level 1	Level 2	Level 3	Level 4
November	4	1		
December	1	3		
January	2	2	2	1
February	1	4	4	1
March	1	3	1	3
April	4	4	4	2
May	2	4	4	3
June				2

❑ Technology Center Staff worked with the schools to generate orders end of year orders for Smart Boards. The following chart shows the number of SMART Boards currently installed in the school district.

	Number on Order	Already Installed	Total
Bells	2	5	7
Black Street	5	11	16
Cottageville**	40	1	41
Edisto Beach**	0	6	6
Forest Hills	15	9	24
Hendersonville**	12	14	26
Northside**	6	22	28
Colleton Middle	0	2	2
Forest Circle Middle	2	1	3
Ruffin Middle	1	5	6
CCHS*	15	0	15
Education Center	0	1	1
TCTC	0	0	0
CALC	0	0	0
Technology Center	0	1	1
District Office	0	1	1
Board Room	0	1	1
TOTAL	**98**	**80**	**178**

*   CCHS has 2 interactive boards but they are not SMART boards.

** Every regular classroom in the building will be equipped with smart board following the installation of the boards on order.

❑ Technology Center Staff corrected problems with several Smart Boards at Hendersonville Elementary.

❑ Technology Center Staff completed documentation and labeling of the Edisto Beach network.

❑ Technology Center Staff installed and configured two new core switches at the Technology Center and District Office.

❑ Technology Center Staff installed the latest version of the district's email software.

❑ Technology Center Staff completed upgrades to Packateer.

❑ The Technology Center was heavily involved with the administration of the PACT state assessments during the month of May. Half of the Technology Center Staff was focused completely on testing during the month of May.

❑ Technology Center Staff submitted the PACT Day 1 SWEET Data Collection Query to the State Department of Education.

❑ Technology Center Staff completed letters of all elementary students to inform parents of the school the student is zoned to attend in 2008-09. The letters were sent home with the students on the last day of school with the report cards.

❑ Technology Center Staff worked with school SASI coordinators to correct errors with the Highly Qualified data in SASI.

❑ Technology Center Staff assisted schools with End of Year procedures.

❑ Technology Center Staff collected information from district schools and offices necessary for completing the State Technology Inventory.

❑ Technology Center Staff assisted schools with obtaining necessary quotes and purchases for utilizing remaining end of year funds.

❑ Technology Center Staff installed upgrades to Barracuda, the district's web content filtering system.

❑ Technology Center Staff has been monitoring student internet usage to identify student violating the district's Acceptable Use Policy.

❑ Technology Center Staff made adjustments to the district firewall.

❑ Technology Center Staff reviewed and made updates to the current board policy on Information Technology Resources and the Acceptable Use Policy for both students and employees.

❑ Technology Center Staff submitted the 4th Quarter SWEET Data Collection Query to the State Department of Education.

❑ Technology Center Staff completed the State Technology Inventory.

❑ Technology Center Staff installed wireless access at Special Services and Hendersonville Elementary.

❑ Technology Center Staff installed additional hard drive storage space for school servers at Hendersonville, Northside and Edisto Beach.

❑ Technology Center Staff delete CACHE volumes from all district servers to give users additional storage space.

❑ Technology Center Staff picked up all old computers from the current Cottageville Elementary and reimaged them for the new school. Office and lab computers were left for use during the summer.

❑ CIO (who pays for our WAN and Internet access) will be installing a network monitor to monitor all traffic within the school district's WAN/Internet.

❑ Technology Center Staff held a training session for district teachers on SMART Notebook software version 10.

❑ Technology Center Staff assisted schools with obtaining necessary quotes and purchases for utilizing remaining end of year funds.

❑ Technology Center Staff move all hardware out of storage rental unit and Hampton Street and into our permanent storage area at CALC.

❑ Technology Center Staff continues to work at Cottageville Elementary School to complete technology services at this school. The Shoretel Phone system and new intercom system are operational. Smart board installs have been completed.

❑ Technology Center Staff handled numerous beginning of year issues with SASI. SASI task server operations were moved to new machine to correct errors with district enrollment.

❑ Technology Center Staff worked with Phase 5 Consulting for the upgrade of SASI to version 10.0 and the SC State template at all schools and the district locations.

❑ Technology Center Staff worked with district maintenance on the installation of Smart Boards. Sixty smart boards were installed throughout the district this summer. The following chart shows the number of SMART Boards currently installed in the school district.

	Number on Order	Already Installed	Total
Bells	5	7	12
Black Street	0	16	16

Cottageville	0	36	36
Edisto Beach	0	6	6
Forest Hills	0	20	20
Hendersonville	0	26	26
Northside	0	28	28
Colleton Middle	5	2	2
Forest Circle Middle	11	3	14
Ruffin Middle	0	6	6
CCHS*	0	16	16
Education Center	0	1	1
TCTC	0	0	0
CALC	0	0	0
Adult Education	0	1	1
Technology Center	0	1	1
District Office	0	1	1
Board Room	0	1	1
TOTAL	**21**	**171**	**187**

* CCHS has 2 interactive boards but they are not SMART boards.

- ❑ Technology Center Staff submitted the Reading First and Day 15 SWEET Data Collection Queries to the State Department of Education.

- ❑ Technology Center Staff corrected problems with IGPro at Ruffin Middle School and Forest Circle Middle School.

- ❑ Technology Center Staff corrected problems with Intouch at Forest Circle Middle School.

- ❑ Technology Center Staff completed setup of a new computer lab at Colleton County High School.

- ❑ Technology Center Staff moved and setup Adult Education computer labs at new location.

- ❑ Technology Center Staff moved and setup computer labs for the Alternative Program and provided assistance for startup at their new location.

- ❑ Technology Center Staff installed new network cabling for the mobiles at Forest Hills Elementary.

- ❑ Technology Center Staff installed necessary network cabling for Smart boards at Forest Hills.

- ❑ Technology Center Staff has completed work with the vendor to install the VBrick Video Distribution system at Cottageville Elementary.

❑ Technology Center Staff installed the Shoretel phone system at the Education Center and Family Parenting Literacy.

❑ Technology Center Staff setup a new computer lab for the Adult Education program.

❑ Technology Center Staff submitted an application for the Enhancing Education Through Technology (E2T2) formula grant.

❑ Technology Center Staff attended the State Technology Director's meeting.

❑ Technology Center Staff corrected problems with IGPRO and Intouch at Forest Circle Middle School.

❑ Technology Center Staff corrected user login errors with the Testview program.

❑ Technology Center Staff met with district maintenance, engineers and architects to discuss technology issues for the new construction projects.

❑ Technology Center Staff met with Kenny Blakeney and Cindy Riley to review construction plans for Phase I of Forest Hills construction and to discuss technology issues for the new building.

❑ Technology Center Staff installed the HP Procurve Manager software at the Technology Center.

❑ Technology Center Staff installed the Mobility Manager software at the Technology Center.

❑ Technology Center Staff assisted schools with MAPS testing problems.

❑ Technology Center Staff attended a meeting with District Administrators regarding training for the Accelerated Reader program.

❑ Colleton County School District has been awarded the Enhancing Education Through Technology (E2T2) formula grant. These funds will be used to provide technology professional development to teachers. The grant application was completed and submitted by Doug Bullock and Beth Frank.

❑ The Technology Center would like to announce the addition of Mary Jo Fox to our staff. Mrs. Fox will serve as the district's Technology Curriculum Coach. Funds for this position were provided to our district through state lottery funds. Our district was selected to receive these funds as a result of our participation in the ePorfolio Technology Assessment program.

❑ Technology Professional Development classes have resumed at the Technology Center. This year the training schedule has been added to the district web site and to the district calendar. Anyone can click on district's staff development calendar and see upcoming technology training classes. Clicking on a particular training date will reveal details about the class such as the class description and any prerequisites for the class. You can also click on the Class Registration List to see if there are openings in the class or to verify your registration. Below you will find a list of courses being offered this year. Other will be added based on demand.

- **Smart Notebook Update to Version 10**
  - Only for those who have completed previous training using Notebook 9. Learn the differences between versions. This hands-on lab will teach you about the new features.

- **Introduction to Smart Technologies - Level A**
  - Learn about the new ePorfolio requirements for all certified staff.
  - Get an Introduction to Smart Technology products being used in our district - Smart Boards, Senteo, Airliners, Smart Camera and a brief description of Notebook 10.

- **Notebook Basics – Level B**
  - Hands-on lab to learn the basic functions of Notebook 10 software

- **Notebook Advanced Features – Level C**
  - Hands-on lab
  - Capture images from the Internet, digital camera, Smart document camera and video
  - Recording and inserting sounds
  - Linking to web and Notebook pages

- **WOWing with Notebook Software – Level D**
  - Exploring all aspects the Gallery and Internet to discover notebook features to WOW your students.
  - Games, Interactive lessons with flash
  - Timelines
  - My Contents

- **Integrating Smart Notebook into your Curriculum – Level E**
  - Students will spend time creating lessons for their classroom using everything they have learned in previous classes.
  - Students will also spend time finding lessons on the Internet to be modified for their classroom.
  - Wireless access
  - Q & A

- **Senteo – Just Click It**
  - Learn how to use the Senteo Student Interactive Response System (clickers)
  - Students will be take from setup to final classroom use of the Senteo system

- **Emerging Technologies for School Administrators**
  - This class will cover all new technologies currently being placed at schools - VBrick, ShoreTel, Senteo, Lightspeed, Airliners, Smart boards, Document Cameras, web conferencing, and wireless. The class will only be offered once and will be held at Cottageville Elementary School.

❑ Technology Center Staff installed the Shoretel phone system at Edisto Beach Elementary School and at the Alternative Program.

❑ The Technology Center staff painted the cougar head on the football field for the homecoming football game.

❑ Technology Center Staff assisted schools with MAP testing. The testing window was closed twice during the Fall 2008 testing period. Each time the window was closed district reports were ordered and the MAP test results were imported into the district's Testview program.

❑ Technology Center Staff corrected problems with IGPRO and Intouch at Ruffin Middle School.

❑ Technology Center Staff corrected user login errors with the Testview program.

- Technology Center Staff assisted schools with MAP testing. The testing window was closed twice during the Fall 2008 testing period. Each time the window was closed district reports were ordered and the MAP test results were imported into the district's Testview program.

- Technology Center Staff hosted regional SASI training provided by the State Department of Education.

- Technology Center Staff submitted SASI data to the SDE via the SWEET Query for QDC1.

- Technology Center Staff participated in web training for this year's Precode

- The South Carolina Department of Education (SCDE) has announced that it will begin the implementation of a new statewide student information system (SIS), PowerSchool. Pearson Education announced in June 2008 that the state's current SIS (SASI) will reach "end-of-life" in August 2010 – meaning that SASI will not be licensed or supported after that time. Pearson Education has provided its next-generation SIS, PowerSchool to all of its SASI customers, including South Carolina. South Carolina will replace SASI with PowerSchool during the 2008-2009 and 2009-2010 school years. All schools will begin the 2010-2011 school year using the PowerSchool program.

  Districts will incur costs related to hardware and the responsibility of training all school personnel. This change of SIS will be of significant impact to the Technology Center staff.

- In order to receive state lottery funds, the district is required to identify a group of elementary students to participate in a state technology assessment. The first grade at Forest Hills Elementary was selected to participate in this year's assessment. Technology Center Staff worked with staff at Forest Hills to facilitate the testing of the students. Each first grade student has now completed the grade appropriate state technology assessment.

- As a requirement for receiving any Enhancing Education Through Technology (E2T2) funds, every 8th grade student and all certified staff must complete the state technology assessment by May, 2009.

  Forest Circle Middle has completed the testing of all 8th grade students. Technology Center Staff worked with Forest Circle staff to facilitate the testing of their students. Colleton Middle School is scheduled to complete the assessment the week of December 15-19th. Ruffin Middle is scheduled for testing following the Christmas Holidays.

  Certified staff members attending district technology classes are required to complete the ePortfolio Assessment as part of the required class homework. Technology Center Staff will work with principals to ensure that all certified staff members are tested prior to the May deadline. Results of the assessment will be used to determine future technology staff development classes.

- Technology Center Staff repaired the Ruffin High School network server.

- Technology Center Staff corrected errors with the 45-day Membership and Attendance Report and the Cumulative Class Report. After the schools' reports were corrected, the reports were transmitted to the State Department of Education.

- Technology Center Staff assisted schools with MAP testing. The Winter 2008 testing period is currently underway.

- Technology Center Staff have begun preparations for filling for Erate funding for the 2009-2010 funding period.

- Technology Center Staff conducted Precode training for the school SASI coordinators. This year's default data values were also set for each school.

- Technology Center Staff completed the SDE PowerSchool Readiness Assessment survey.

- Technology Center Staff completed the State CIO office Block 4 data verification report.

- Technology Center Staff met with the Maintenance Department regarding construction planning.

- Technology Center Staff installed the new Barracuda web filter.

- Technology Center Staff imported ITBS and CogAT scores into the Testview program.

- Technology Center Staff continues working on the process of applying for e-rate funds for the 2009-2010 year.

- Technology Center Staff is in the process of installing wireless access at all schools.

- Technology Center Staff met with the Maintenance Department regarding construction planning.

- Technology Center Staff imported HSAP Fall 2008 and PLAN 2008 scores into the Testview program.

- Technology Center Staff continues working on the process of applying for e-rate funds for the 2009-2010 year. RFPs proposals were received and reviewed. Final steps are being completed for the February 12, 2009 deadline.

- The Technology Center began offering Technology Professional Development classes covering the use of the Senteo Student Interactive Response Systems this month.

- Technology Center Staff assisted with getting RMS solar panel working.

- Technology Center Staff, along with district maintenance assistance, installed a new fiber optic cable at the Education Center that had been damaged and was in need of replacement.

- Technology Center Staff placed the newly approved 2009-2010 elementary and early childhood attendance zone maps on the district web site. Staff members are in the process of

updating the Attendance Zone Lookup feature of the website where school zones can be displayed by entering the street name.

❑ Technology Center Staff reconfigured Barracuda to allow for faster Internet access. A new router was also installed to facilitate the process.

❑ Technology Center Staff is in the process of installing wireless access at all schools.

❑ Technology Center Staff attended planning meetings for the upcoming installation of Destiny Library Manager. This program is the replacement for the current library software. Destiny is a browser-based system that brings together the management and media collections of all libraries throughout the district into one centralized system.

❑ Technology Center Staff imported Winter MAP scores into the Testview program.

❑ Technology Center Staff completed updates to the Attendance Zone Lookup feature of the district website. New attendance zone information for early childhood and elementary zones were added to the program. This feature allows for the easy lookup of school attendance zones by simply entering the street name.

❑ Technology Center Staff completed an application for the Enhancing Education Through Technology competitive grant.

❑ Technology Center Staff completed drafts of the 2009-2010 calendars, met with district administration and principals regarding the calendar and moderated the voting process.

❑ Technology Center Staff conducted a presentation of the new attendance zones for the Black Street Elementary School PTO.

❑ Technology Center Staff installed the Shoretel communication system and new intercom system at Thunderbolt Career and Technology Center.

❑ Technology Center Staff has begun preparation for the SASI new year rollover.

❑ Technology Center Staff have been heavily involved with the administration of PASS (Palmetto Assessment of State Standards).

❑ Technology Center Staff completed installation of the new SIF agent for Excent. This will allow student data from SASI to update automatically to Excent.

❑ Technology Center Staff cleaned the Conficker virus from lab computers at Colleton County High School, Thunderbolt Career and Technology Center and Forest Circle Middle School. This process involved approximately 300 computers.

❑ Technology Center Staff worked to make corrections to the artistically gifted student data for the 135 day report.

❑ Technology Center Staff made configuration adjustment to Barracuda. The filter is now operating as expected and allowing for faster Internet access.

- Technology Center Staff has completed the installation of wireless access at all schools.

- The Shoretel Conference bridge was used for a Destiny meeting with media specialists.

- Technology Center Staff completed the installation process for the Destiny Library Manager. This program replaces the current library software. Destiny is a browser-based system that brings together the management and media collections of all libraries throughout the district into one centralized system. Current data was extract from SASI and Follett and sent to Destiny for conversion. Technology Center staff and Media specialist received training from Destiny implementation specialist. The program is now operational.

- Technology Center Staff replaced a bad hard drive on the Colleton County High School server.

- Technology Center Staff assisted schools with MAP testing. Student data was submitted to NWEA for processing and then downloaded for each school. The testing window was opened for Spring 2009 testing.

- Technology Center Staff worked with Phase 5 Consulting for the SASI new year rollover process of setting up SASI for next school year.

- Technology Center Staff submitted the following reports to the State Department of Education:
    - PASS Day 1 SWEET Data Collection Query
    - 135 day Membership and Attendance verification report
    - 135 day Cumulative Class verification report
    - QDC3 SWEET Data Collection Query

- Technology Center Staff completed an application for the Enhancing Education Through Technology competitive grant.

- The Technology Center was heavily involved with the administration of the PASS state assessments during the month of May. Half of the Technology Center Staff was focused completely on testing during the month of May.

- Technology Center Staff submitted the PACT Day 1 SWEET Data Collection Query to the State Department of Education.

- Technology Center Staff have been meeting with contractors and various vendors regarding cabling, Shoretel phone system, electronic and VBrick for new construction.

- Technology Center Staff has been working with an upgrade to the Conference Bridge.

- Technology Center Staff completed letters for all Black Street Elementary students to inform parents of the school the student is zoned to attend in 2009-10.

- Technology Center Staff worked with school SASI coordinators to correct errors with the Highly Qualified data in SASI.

- Technology Center Staff collected information from district schools and offices necessary for completing the State Technology Inventory.

- Technology Center Staff has been monitoring student internet usage to identify student violating the district's Acceptable Use Policy.

- Technology Center Staff has moved computers out of all classrooms at Black Street Elementary in preparation for construction and conversion to the new Early Childhood Center.

- Technology Center Staff made preparations for the teacher and classroom moves and transitions that will occur prior to the beginning of next school year.

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- Technology Center Staff has moved computers out of all classrooms at Black Street Elementary in preparation for construction and conversion to the new Early Childhood Center.

- Technology Center Staff made preparations for the teacher and classroom moves and transitions that will occur prior to the beginning of next school year.

- Technology Center Staff is in the process of updating the district web site. Pages are being converted daily and the process is expected to be completed by the end of July. Access to the old site is still available via a link on the new home page until the conversion is complete.

- Technology Center Staff coordinated the purchase, completed the purchase orders and placed the orders for technology equipment needed for this summer's construction projects at Black Street, Forest Hills and Phase I of CCHS.

- Technology Center Staff has completed the installation of 80% of the cabling for the intercom system at Black Street.

- Technology Center Staff moved the Shoretel phone system from the Education Center to Black Street and coordinated the move of the Education Center's phone number to the new location.

- Technology Center Staff moved all computers from the classrooms at Black Street in preparation for construction.

- Technology Center Staff removed all computers and network equipment from the Education Center.

- Technology Center Staff moved all computers from the old wings of Forest Hills in preparation for demolition.

- Technology Center Staff worked with Phase 5 Consulting for the SASI final new year rollover process to move student data to for the new school year.

- Technology Center Staff submitted the 4th Quarter SWEET Data Collection Query to the State Department of Education.

- Technology Center Staff completed the State Technology Inventory.

- Technology Center Staff has almost completed the process of updating the district web site. Remaining pages are still being converted. Access to the old site is still available via a link on the new home page until the conversion is 100% complete.

- Technology Center Staff coordinated the purchase, completed the purchase orders and placed the orders for technology equipment needed for this summer's construction projects at Black Street, Forest Hills and Phase I of CCHS.

- Technology Center Staff has completed the installation of the cabling for the new intercom system at Forest Hills.

- Technology Center Staff have completed configuration of the intercom system at Forest Hills and Black Street.

- Technology Center Staff installed the Shoretel phone systems at Forest Hills and Black Street. All phones have been configured and are awaiting construction completion prior to installation.

- Technology Center Staff assisted contractors on cabling (CAT6 and Fiber) install as Forest Hills and CCHS Phase I.

- Vbrick, video distribution system, reconfiguration is scheduled to take place August 6th.

- Technology Center Staff completed configuration for the new switches for Forest Hills and CCHS Phase I.

- Technology Center Staff has completed reconfiguration to the network WAN structure.

- Technology Center Staff added courses to the middle school SASI program as requested by the assistant superintendent.

- Technology Center Staff attended SASI training.

- Technology Center Staff removed all network equipment from the old wings at Forest Hills.

- Technology Center Staff coordinated the installation of SMART board and sound systems at Forest Hills and Black Street. These installations have been completed.

- Technology Center Staff completed the installation and configuration of the new intercom systems at Forest Hills and Black Street.

- Technology Center Staff completed the installation and configuration of the Shoretel phone systems at Forest Hills and Black Street.

- Technology Center Staff setup and reconfigured computers at Forest Hills and Black Street.

- All cabling, switches and electronics have been installed and completed at Forest Hills, Black Street and Colleton County High Phase I.

- Technology Center Staff assisted School SASI Registrars with numerous beginning of year issues with SASI. Training and assistance was also provided to Black Street Early Childhood Center personnel as the school will begin using the SASI program.

- Technology Center Staff setup IGPro and Intouch for the new year for district middle schools.

- Technology Center Staff worked with PRTC to troubleshoot multicasting issues on the WAN.

- Technology Center Staff handled the district's renewal of the Renaissance Place software which includes Accelerated Reader and Star Reader. Staff members also completed the steps necessary to setup RDI for the new school year.

- Technology Center Staff reconfigured Shoretel phones for new users.

- Technology Center Staff created Novell and Email accounts for new employees, made the necessary changes for employees who have been assigned to new locations and deleted access for employees who have left the district.

- Technology Center Staff completed troubleshooting on the Shoretel phone systems to identify and resolve various problems that users were experiencing.

- Technology Center Staff submitted the Reading First and Day 15 SWEET Data Collection Queries to the State Department of Education.

- Technology Center Staff imported HSAP, EOCEP and ELDA test scores into Testview.

- Technology Center Staff worked with Nancy Carter to provided Instructional Facilitators (Ifs) and Response To Intervention (RTI) personnel with computer, network and WAN access at their various locations.

- Technology Center Staff provided technical assistance to various beginning of year meetings.

- Technology Center Staff wired the computer lab at Forest Hills.

- Technology Center Staff updated school email lists.

- Technology Center Staff coordinated the installation of SMART board and sound systems at Forest Hills and Black Street. These installations have been completed.

- Technology Center Staff completed the installation and configuration of the new intercom systems at Forest Hills and Black Street.

- Technology Center Staff completed the installation and configuration of the Shoretel phone systems at Forest Hills and Black Street.

- Technology Center Staff setup and reconfigured computers at Forest Hills and Black Street.

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- ❑ Technology Center Staff worked with Nancy Carter to provided Instructional Facilitators (Ifs) and Response To Intervention (RTI) personnel with computer, network and WAN access at their various locations.

- ❑ Technology Center Staff provided technical assistance to various beginning of year meetings.

- ❑ The district's student enrollment as of November 4,2009 is listed below:

LOCATION	ENROLLMENT
Black Street Early Childhood Center	457
Bells Elementary School	381
Cottageville Elementary School	570
Edisto Beach Elementary School	43
Forest Hills Elementary School	577
Hendersonville Elementary School	503
Northside Elementary School	614
Colleton Middle School	422
Forest Circle Middle School	703
Ruffin Middle School	344
Colleton County High School	1716
DISTRICT TOTAL	**6330**

- ❑ Technology Center Staff assisted schools with MAP testing. The testing window was closed for the Fall 2009 testing period. District reports were ordered and the MAP test results were imported into the district's Testview program.

- ❑ Technology Center Staff installed a wireless router at Bells Elementary School to provide Internet and network access for the district instructional facilitators.

- ❑ Technology Center Staff conduct VBrick and SMART document camera training for staff members at Forest Hills Elementary School.

- ❑ The Technology Center staff painted the center field and end zone graphics on the football field for the final home football game.

- Technology Center Staff corrected problems with IGPRO and Intouch at Ruffin Middle School.

- Technology Center Staff continue to work on Multicast issues with PRTC and Spirit Telecom.

- Technology Center Staff installed the SIF agent for Destiny.

- Technology Center Staff worked on Shoretel Conference Bridge issues.

- Technology Center Staff worked with Testview to resolve login issues for teachers.

- Technology Center Staff participated in web training for this year's Precode.

- Technology Professional Development classes have resumed at the Technology Center. The training schedule has been added to the district web site and to the district calendar.

- The district's student enrollment as of December 10, 2009 is listed below:

LOCATION	ENROLLMENT
Black Street Early Childhood Center	464
Bells Elementary School	382
Cottageville Elementary School	566
Edisto Beach Elementary School	43
Forest Hills Elementary School	577
Hendersonville Elementary School	501
Northside Elementary School	617
Colleton Middle School	413
Forest Circle Middle School	698
Ruffin Middle School	336
Colleton County High School	1705
DISTRICT TOTAL	**6302**

- Technology Center Staff downloaded the Spring 2009 PASS results data file. This data file was then converted to an Access database and over 120 reports were created to assist district and school administrators with reviewing and analyzing the results of the test. The new performance levels for PASS are – Not Met, Met and Exemplary.

- The Technology Center Staff has completed the necessary network, switch, and router configurations in order for our VBrick devices to begin serving the entire school district. VBrick devices will allow any video and audio signal to be converted for broadcast, via the district WAN, to any computer. Staff members will be able to view live TV streams from ITV, Comcast, VCRs, DVDs, other computers as-well-as video cameras.

  ETV is changing how ITV video will be sent to the school district. With the exception of Edisto Beach, this change will make satellite dishes at schools obsolete after this year . TV signals (cable and ITV) will no longer be delivered via coax cable to small classroom TVs

but rather these signals will travel through the Ethernet cables. This will allow everyone equal access to this resource allowing broadcasts to no longer be limited just to those with a small TV in the corner of their classroom. Since the TV streams can be viewed on the computer it will allow these streams to also be viewed on the Smart Board.   This makes a much better educational experience for the students.

We are ahead of many districts in the state. We have been planning for this conversion for several years. The ITV system conversion will be completed in January 2010.

❑ Technology Center Staff conducted training on the Shoretel Conference Bridge and VBrick for district administrators. The Shoretel Conference Bridge will allow administrators to conduct virtual meetings with audio conferencing and online presentations. This gives the district the capabilities to have meetings while allowing participants to remain at their schools and offices.

❑ The South Carolina Department of Education (SCDE) announced last year that it would implement a new statewide student information system (SIS), PowerSchool. South Carolina began the SASI to PowerSchool replacement this school year. All schools will begin the 2010-2011 school year using the PowerSchool program. Our district, which is in phase 5 of the conversion, will convert to PowerSchool this summer. The state is beginning phase 3 conversions at this time. Many problems during and following the conversion are being reported throughout the state.

Districts have been informed that they will incur costs related to hardware, responsibility of training all school personnel and some districts have reported the necessity to add additional staff to support PowerSchool. This change of SIS will be of significant impact to the Technology Center staff in the coming year.

❑ Technology Center Staff completed the District Site Verification form and submitted it to the State CIO office.

❑ Technology Center Staff verified the 45-day Membership and Attendance Report and the Cumulative Class Report that was transmitted to the State Department of Education last month.

❑ Technology Center Staff conducted Precode training for the school SASI coordinators. This year's default data values were also set for each school.

❑ Technology Center Staff reconfigured switches and routers across the school district.

❑ Technology Center Staff resolved issues with the upgraded Senteo software.

❑ Technology Center Staff worked to resolve issues with the main switch at Cottageville Elementary.

❑ Technology Center Staff worked on Multicast issues with PRTC and Spirit Telecom.

❑ Technology Center Staff worked with Testview to resolve login issues for teachers.

❑ Technology Center Staff assisted schools with MAP testing. The Winter 2009 testing period is currently underway.

Appendix 6: Colleton School District 2009-10 Budget

> *- This budget is the same for 2010 – 2011 school year.

Account	Account #	Budgeted Amount
Telephone	100-254-340-0000-10	$1,500.00
Staff Development	100-266-311-0000-10	
In-System Travel	100-266-332-0700-10	$4,000.00
Out-of-System Travel	100-266-332-0800-10	$1,000.00
Supplies (Gas)	100-266-410-0000-10	$7,000.00
Software License	100-266-345-0000-10	$55,000.00
Repairs	100-266-323-0000-10	$2,500.00
Tech Supplies	100-266-445-0000-10	$5,461.00
Tech Equipment-Supply	100-266-410-0545-10	$12,900.00
Tech Equipment	100-266-545-0000-10	
Total District Money		**$89,361.00**

SPECIAL MONIES		
Tech Carry Over	909-266-545-0000-10	$0.00
E2T2 Grant	253-224-545-0000-10	$17,353.90
810 Money	810-***	$66,664.74
Total Special Monies		**$84,018.64**

Appendix 7: Colleton School District Building Plan

Listed below are the details of the district's construction plans. This list may be revised at a later date. Additional construction will take place along with these specific construction areas. Specific construction areas are subject to revision.

<u>Construct a new 300,000 square foot high school</u>

Includes:

· Land Purchase

· Civil Engineering (testing, soil boring, etc.)

· Buildings Construction

· 6000 seat Stadium (minimum)

· All athletic fields (football, football practice, baseball, softball, tennis courts, band practice, wrestling room, track, soccer, lighting and bleachers, etc.)

· Athletic support buildings

· On-site utilities

· On-site grading/paving

· Off-site turn lanes

· Water/Sewer

· Architectural & Engineering Fees

· All furniture/fixtures, etc.

· Telephone System

· Security System/PA System

· Security Cameras

· Some Computers

· 1100 seat Auditorium

· Gym & Auxiliary Gym

· Freshman Academy

· Chorus/Band Rooms – Practice Rooms

· NJROTC Area

<u>Construct a New 68,000 SF Elementary School in Cottageville</u>

Includes:

· Civil Engineering (testing, soil boring, etc.)

· Buildings Construction

· On-site utilities

· On-site grading/paving

· Off-site turn lanes

· Water/Sewer

· Architectural & Engineering Fees

· All furniture/fixtures, etc.

· Telephone System

· Security System/PA System

· Security Cameras

· Some Computers

Converting Colleton County High School into a Middle School

Includes:

· ADA Upgrades

· Dividing walls separating grade levels

· Security system upgrades

· Telephone system upgrades

Converting Forest Circle Middle to an Elementary

Includes:

· Adding self contained bathrooms in existing classroom

· Installing new ceiling, lights, and floor tiles in 16 classrooms

Converting Forest Hill Elementary into Pre-school Center

Includes:

· Adding self contained toilets in each classroom

· New toilets, sinks, etc.

· New ceilings, lights, doors

Additional Construction at Bells Elementary, Black Street Elementary, and Ruffin Middle School