Horry County Schools

Technology Plan

July 1, 2009 through June 30, 2012

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Signature Page

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District Profile

Number of Schools in District: 48 (plus Early College, Scholars Academy, Adult Education and Connect Program)

Number of Students enrolled in district schools: 37,887

Percentage of students eligible for free and reduced lunches: 55%

Number of English as a Second Language (ESL) students: 2,292

Number of Dropouts: 2.6%

Graduation Rate: 75.2%

E-Rate District Discount: 72%

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Executive Summary

The district's technology plan is an ongoing process each year to monitor and adjust goals as related to the district's strategic plan, learning methodologies and the necessary infrastructure to maintain learning systems. The plan presents five individual technology dimensions that demonstrate the district's commitment to improve student achievement through the effective integration of technology into the curriculum. The five dimensions are as follows:

Learners and Their Environment: This dimension emphasizes the expansion of programs to integrate technology into the curriculum and instruction, focusing on innovative delivery strategies for curricula, and providing equitable access to technology for all students in a safe, secure and healthy learning environment.

Community Connections: This dimension emphasizes strategies to ensure effective parent and community involvement and communication using technology.

Professional Capacity: This dimension seeks to provide ongoing technology related staff development for district teachers, administrators and supporting staff to increase technological competency to improve effective technology integration into classrooms and the workplace.

Instructional Capacity: This dimension targets the improvement of academic achievement through the integration of technology in the curricula.

Support Capacity: This dimension emphasizes the need to provide supporting resources to maintain reliable systems that will ensure successful and effective uses technology.

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District Needs Assessment

Horry County Schools continues to set goals, plan and budget for technology needs for instruction and support services. The district budget shows substantial budgeting for resources needed to meet the district's vision to be recognized as one of the nation's premier school systems, in which EVERY student receives an excellent education. In addition, the building program continues to include funding for technologies in the classroom needed to meet the district's integrated instructional goals. Currently the school district has:

- Over 17,000 computers equitably distributed across the district.
- Printers available for every classroom.
- Phones in every office and classroom.
- Interactive Whiteboards throughout the district.
- LCD projectors for classrooms in new construction with retrofitting plans for older buildings.
- Over 1,700 laptops, projectors and Interwrite pads for teachers in Laptop Initiative program.
- All schools have video distribution technologies. TVs and rebroadcast capabilities in every classroom.
- Over 250 servers (3 servers in every school) to house data information systems and instructional software.
- Over 650 switches for telecommunication and data networking.
- 1,400 surveillance cameras distributed based on school physical size.
- 1 wireless access point for every 2 classrooms.
- Inventory for varying Assistive Technologies available for special disability students.
- Application inventory/license includes such programs as Read 180, Read Naturally, Read About, Burdett Writing, Geometer's Sketchpad, Earobics, EducAide Access, Gizmos, Teacher's Toolbox, Rubicon ATLAS, CBR's and CBL's with Probes, Dreamweaver, MS Office Professional, etc.
- Student Diagnostic Assessments such as Measures of Academic Progress (MAP), Electronic Benchmarks, etc.
- Custom developed online instructional applications
- Content Management Services

The district also participates in the state K-12 Technology Initiative to provide 100mb Ethernet services to all schools and a 1gb connection to handle the star shaped district network configuration. The district budgets for the additional bandwidth above the state initiative standards. Technology support services are provided by the district's technology department that consists of hardware and software technicians (in house maintenance), system network administrators, inventory control personnel, media repair services,

software development data services, software support personnel and student records clerk. The district contracts with an outside vendor for maintenance services for Telecommunication and Teknet (Video Distribution) systems.

A Technology Needs Assessment was offered to all district employees in June 2008. 735 employees responded to the survey, and responses were analyzed.

Demographics of respondents:

- 59.6% were classroom teachers
- 14.4% were support staff members
- 8.7% were principals or district level administrators
- 31.1% worked in high schools
- 22.6% worked in middle schools
- 52.8% worked in elementary schools
- 8.4% worked in the district office

Respondents indicated that they used computers in their workplace / classroom in the following ways:

- In each item below, the largest portion of respondents indicated that they used the following strategies on a **daily** basis:
    - Using the internet daily as part of their job (78.6%)
    - Using technology to support and increase their professional activity (63.5%)
    - Applying policies and practices to enhance online security and safety (62.9%)
    - Using technology to differentiate instruction for students with special learning needs (45.1%)
    - Using technology to communicate and collaborate with families and school programs about student learning (42.3%)
    - Using lesson plans that refer to both content standards and student technology standards (30.8%)
- 75.1% identify, locate, and evaluate technology resources weekly or daily.
- 73.2 % use teaching practices that emphasize teacher use of technology skills to support instruction weekly or daily.
- 62.4 % use multiple sources of student data for informing instructional practice weekly or daily.
- 60.7% teach lessons that include technology-enhanced, learner-centered teaching strategies weekly or daily.
- 56.7% use technology to collect and analyze student assessment data weekly or daily.

For the following categories, less than half of the respondents admitted to using these strategies weekly or daily:

- Applying performance-based student assessment to technology-enhanced lessons such as student portfolios and presentations (45.6%)
- Having students use productivity applications (word processing, spreadsheets, etc.) (42.9 %)

- Doing research or action research projects to improve technology-enhanced classroom practice (38.1 %)

An area for improvement could be to offer educators opportunities for educators to participate in more technology-based professional development activities, as most respondents indicated that they were only able to do so monthly or less frequently (57.3%)
For the following items, the highest portion of respondents indicated that they **Agreed** with the statement:

Technology has helped my students:

- *become more socially aware, confident, and positive about the future* (37.4%)
- *become independent learners and self-starters* (43.4%)
- *work more collaboratively* (41.6%)
- *achieve greater academic success* (41.6%)

The highest portion of educators **Strongly Agreed** with the following statement:

Technology has increased my students' engagement in their learning (46 %).

Most respondents indicated a need for staff development in the following technology equipment:

- Web Cameras (79.1%)
- Document Cameras (63.4%)
- Student Response Systems – CPS, PRS, etc. (66.4%)
- MP3 Players (62.4%)
- Interactive white boards – SMART Boards, Promethean Boards, etc. (60.6%)
- Assistive Technology (59%)
- Handhelds / PDAs (58.3%)
- Science / Math Probes (52.6%)

Respondents **Strongly Agree** that our district has adequate electronic systems for communicating with families and the community about school programs and student learning (55%), and that our district uses these technologies to do so (47.2%).
Respondents **Agreed** that students with disabilities have appropriate and adequate access to adaptive and assistive devices (37%).

Regarding technology professional development, educators **Agreed** with the following statements:

- *Technology professional development is timely (47.6%), relevant (48.6%), and ongoing (47%).*
- *I have an opportunity to evaluate professional development (43.5%)*
- *Needs assessments are used to plan technology professional development (36.2%)*

In an interest inventory of staff development topics, the following were most popular:

- Developing a classroom, department or school webpage (49.4%)
- Learning how to use Multimedia software – images, sounds, and movies (48.5%)
- Interactive White Boards -- SMARTBoards, etc. (44.3%)
- InterWrite Pad Training (40.8%)
- Integrating technology into teaching activities (40.1%)
- Integrating PowerPoint Effectively in Schools (35.2%)

When asked about interest in staff development related to specific computer applications, the following applications were requested most often:

- Read 180 (71.4%)
- USA Test Prep (47.4%)
- Assess Online (31.9%)
- DISCUS (30.8%)
- Microsoft Excel (30.3%)

Open-ended comments were gathered, and the following trends were noted:

- Eight respondents referred to a lack of computers, access, or updated technology.

- Eight respondents lauded the benefits of technology in motivating students, specifically equipment distributed through the laptop initiative and skills gained in training.
- Four respondents were concerned about the perils of technology use (decreases socialization, encourages off-task behaviors, etc.)
- Sixteen respondents commented on technology staff development, namely that it needed to be offered more often, publicized more widely, and differentiated for staff members' different levels of technology experience.

Horry County Schools

District Vision and Mission Statements

Our Vision: To be recognized as one of the nation's premier school systems, in which every student receives an excellent education. To support this vision, we will exceed the national average on all student performance measures.

Our Mission: To ensure that every student is fully prepared to be a successful contributor in a rapidly changing global society.

Our Core Values:
We take responsibility for the success of all students.
We are passionately about our work with children.
We build strong, positive relationships with students, staff, parents, and community.
We model and promote civility and integrity.

Areas of Focus:
Student Achievement
Family, School and Community Partnerships
Human Resource Development
Safe, Nurturing and Healthy Environment
Resource Allocation and Management

Horry County Schools

Plans for Five Individual Technology Dimensions

Aim: Learners and their Environment

Goal A: Every student's learning will be enhanced by equitable access to effective technologies.

(1) Continue to provide mobile wireless notebook labs to facilitate student access to resources and large group instruction.	Wireless labs	2009-10 Through 2011-2012	Executive Director of Technology, Director of Staff Development	Continue professional development to utilize labs effectively.	All schools will have working mobile labs by 2011-2012.
(2) Upgrade wireless overlays with newer managed technology.	Hardware	2009-2010 Through 2011-2012	Executive Director of Technology	Not Required	All schools will have upgraded managed wireless overlays by 2011-2012.
(3) Continue to provide student and teacher workstations with standard application packages for student and teacher use.	Content Area Software; Microsoft Office	2009-2010 Through 2011-2012	Executive Director of Curriculum and Instruction, Director of Staff Development, Executive Director of Technology	Training in software application packages	100% of all workstations will be equipped with standard application packages (including office applications, mail client, etc.)
(4) Provide special needs students with access to telecommunications, sensory aids and other devices.	Hardware and adaptive devices; Software	On-going	Director of Special Education, Principals	Training in devices as identified in IEPs, Kidspiration and Earobics	All students will have access to technology resources as identified in their IEP.

Aim: Learners and their Environment

Goal A: Every student's learning will be enhanced by equitable access to effective technologies.

(5) Continue to provide every classroom and media center with up-to-date technical resources.	Software for classrooms and media centers; Union Card Catalog; TekNet; ETV; Internet; Streamline; equipment such as TVs, DVD players	On-going	Executive Director of Technology, Coordinator of Media Services, Principals	Technical training and training in software	Maintain equipment replacement cycle to keep a ratio of one computer workstation less than 5 years old per three students; Maintain hardware and software licenses and subscriptions at current version levels.
(6) Continue to provide online databases for students and select appropriately leveled resources.	EBSCO Information Services; DISCUS; Lexile.com	On-going	Executive Director of Technology, Coordinator of Media Services, Director of Gifted and Talented	Training in the use of the services	Maintain subscriptions
(7) Continue to identify and implement online course offerings to allow students at all schools equitable access to coursework.	Moodle; Blackboard; Course content modules from various applications; South Carolina Virtual School	On-going	Executive Director of Curriculum and Instruction, Learning Specialist for Technology	Provide staff development for Blackboard usage and utilizing SC Virtual School	Enrollment numbers; enrollment in SC Virtual School
(8) Identify and implement video based distance learning offerings to allow students at all schools equitable access to coursework.	Distance learning technology and course content	On-going	Executive Director of Curriculum and Instruction and Instruction. Executive Director of Technology	Provide staff development for Distance learning technology and course content	Enrollment numbers; enrollment in distance learning courses

Aim: Learners and their Environment

Goal B: Expand programs that integrate technology into curriculum and instruction.

(1) Provide students with opportunities to engage in collaborative tasks and real-time interactive activities such as: online classroom, digital workspaces, online forums and blogs.	High Speed Internet Access; Web management software	2009-2010 Through 2011-2012	Executive Director of Curriculum and Instruction, Learning Specialists	Training for use of on-line resources	Teachers will demonstrate use of Internet activities through web management software reports, unit planning and classroom observations
(2) Continue to use labs to engage students in independent projects to enable them to access, evaluate and use information effectively and efficiently.	Mobile and fixed computer labs	2009-2010 Through 2011-2012	Area Level Executive Directors, Principals	Training in use of hardware, software, and curriculum integration	Observation of lab use (CWT). Utilization logs
(3) Effectively utilize web based content management software to enhance classroom instruction.	Content management software, High speed internet access, Teacher laptops	2009-2010 Through 2011-2012	Digital Communications Coordinator	Training in the effective use of content management software	Web usage reports; Pacing guides posted on web
(4) Integrate technology as part of the workstation model for elementary schools	Classroom Computers	2009-2010 Through 2011-2012	Director of Technology, Director of Curriculum and Instruction	Staff development and hands-on training in appropriate use of technology during workstation time.	CWT data, Teacher diagnostic records of student performance.
(5) Effectively use technology to help students achieve college readiness	ACT / SAT prep software, Online learning platform	2009-2010 Through 2011-2012	Executive Director of High Schools	Training in the effective use of software	Web usage reports, test scores

Aim: Learners and their Environment

Goal B: Expand programs that integrate technology into curriculum and instruction.

(6) Effectively use technology to improve student achievement in math and science	Peripherals: calculators, probes; Gizmos, virtual labs	2009-2010 Through 2011-2012	Executive Director of Curriculum and Instruction, Learning Specialists	Training in the effective use and integration of peripherals and software,	Classroom observations, web usage reports, consensus maps
(7) Effectively use technology to disseminate aligned curriculum; pacing guides; consensus maps; activities; resources	Consensus maps aligning technology to curriculum	2009-2010 Through 2011-2012	Executive Director of Curriculum and Instruction	Training in effective use of curriculum guides, maps, lessons, and resources	Observations, alignment to Goals Based Evaluations (ADEPT)
(8) Improve student technology literacy	Required 8th grade Student Technology Proficiency Survey	2009-2010 Through 2011-2012	Executive Director of Curriculum and Instruction, Learning Specialists	Staff development in technology integration based on survey results	Survey data, observations, usage data
(9) Enhance classroom instruction through the use of Teacher web page, online classrooms, teacher workspaces, and discussion forums/blogs.	Web Management Software, Internet, SIS	2009-2010 Through 2011-2012	Digital Communications Coordinator, Executive Director of Curriculum and Instruction, Executive Director of Technology	Staff development at the district and school level in appropriate use , management, and implementation of SIS and web management software and advanced features.	Number of pages, workspaces, online classrooms and blogs developed, Monitoring usage reports.
(10) Improve teaching and learning through the appropriate use of network-accessible educational applications.	Review current and update matrix of available software for technology integration in instruction and alignment to state standards .	2009-2010 Through 2011- 2012	Executive Director of Technology, Digital Communications Coordinator, Executive Director of Curriculum and Instruction	Staff development and hands-on training in appropriate use of technology instructional software.	CWT data, Revised software matrix for schools.

Aim: Learners and their Environment

Goal B: Expand programs that integrate technology into curriculum and instruction.

(11) Staff will use mission-appropriate technology to communicate with varying audiences. (Research shows that improved communication between schools and parents enhances student learning).	Email, Content Management Software, SIS, Assess Online	2009-2010 Through 2011-2012	Executive Director of Technology, Digital Communications Coordinator	Staff development and hands-on training in appropriate use of communication tools such as email and Content Management software as they apply to student learning and parent involvement.	Full deployment of Content Management software, SIS data
(12) Develop and offer digital learning opportunities to benefit students with academic schedule conflicts or alternative education goals.	Piloted models, Current models, Online Learning Platform, Content Management software	2009-2010 Through 2011-2012	Executive Director of Curriculum and Instruction, Executive Director of Technology, Digital Communications Coordinator	Staff development at the district and school level	Enrollment numbers, Number of successful completion of course work , Graduation rates.

Aim: Learners and their Environment

Goal C: Teaching 21st century skills using 21st century tools through innovative delivery strategies.

(1)Improve implementation and expansion of electronic student response systems.	Personal Response System (PRS)	2009-2010 Through 2011-2012	Executive Director of Technology, Digital Communications Coordinator, Learning Services	Staff development at the district and school level on use of PRS	PRS usage reports, Observations, CWT reports
(2) Increase Intelligent White Board technologies and improve integration throughout the schools.	Intelligent White Boards, LCD projectors	2009-2010 Through 2011-2012	Executive Director of Technology, Office of Accountability, Office of Curriculum and Instruction	Staff development on integration of Intelligent White Board	Number of whiteboards throughout the district. CWTs and observations of teacher created lesson and whiteboard implementation.
(3) Integrate streaming video to enhance course content and deepen student understanding.	Streaming Video, ETV	Ongoing	Executive Director of Technology, Executive Director of Curriculum and Instruction, Learning Specialists, Coordinator of Media Services	Provide staff development in the use of streaming video (i.e. training through streaming video)	Teachers will demonstrate use of streaming video through portfolios, unit planning and classroom observation (i.e. school checklists).
(4) Improve technology literacy and integration	Laptop, projector, and InterWrite Pad for teachers	2009-2010 Through 2011-2012	Executive Director of Technology, Office of Curriculum and Instruction; Office of Accountability	Staff development and training in the use of hardware and software and the integration of technology-rich lessons.	Increased participation in Laptop Initiative, Improvement in technology proficiencies, CWT reports, Observations, Usage reports of Atomic Learning; Increased staff development participation
(5) Investigate ways to improve student achievement through technology-centered school environment and curriculum (New Tech High)	New Tech High curriculum, planning, program implementation resources	2009-2010 Through 2011-2012	Director of Technology, Office of Accountability, Office of Curriculum and Instruction	Site visits, Staff development in New Tech High program implementation for New Tech High Team	Implementation of plans from New Tech High Team

Aim: Learners and their Environment

Goal C: Teaching 21st century skills using 21st century tools through innovative delivery strategies.

(6) Utilize technology to improve management and administration of school activities and curriculum	PDAs, CWTs, Curriculum Maps, Pacing Guides, SIS, Assess Online, Smartphones, Laptops, Ultra Notebooks	2009-2010 Through 2011-2012	Director of Technology, Office of Accountability, Office of Curriculum and Instruction	Staff development in use of administrative software and devices	Usage Reports, Principal conference with superintendent to review data
**(7) Student Email, Web services and Content Management Initiative.	Email, Web Services Provider	2008-2009 Pilot 2011-2012 Implementation	Executive Director of Technology, Web Communication Specialist	Training on use of software	Usage reports.

Aim: Learners and their Environment

Goal D: Provide safe, secure and healthy learning environments.

(1) Provide IP based surveillance systems for all new schools and develop a plan for retrofitting existing schools.	Surveillance Systems	2009-2010 Through 2011-2012	Chief Officer of Support Services, Executive Director of Technology	Train school personnel on the use of surveillance monitoring and recording systems	All new schools will have surveillance systems. Existing schools will have plan for retrofit.
(2) Complete planning and installation for district-wide Call Monitoring system including hardware and software.	Upgrade District Telecom System Equipment for district-wide Call Monitoring	2009-2010 Through 2011-2012	Executive Director of Technology	Train school and district personnel on use of the call monitoring system	Fully functional district-wide Call Monitoring system
(3) Provide internet filtering and management capabilities consistent with latest industry standards.	Maintain software (Lightspeed) license and servers for content filtering	2009-2010 Through 2011-2012	Executive Director of Technology	Train district technical support staff on effective use of the application	Content filtering system will be fully implemented
(4) Improve workplace safety practices.	Maintain license for Training Software	2009-2010 Through 2011-2012	Chief Officer of Support Services	Web-based Safe School Training Package	100% of district employees successfully completing online assessment.
(5) Provide accessible and reliable telecommunication services with adequate capacity.	Phones in all Classrooms and Offices; Annual funding	Ongoing	Executive Director of Technology	Communications system training for school communications admin istrators	Review system reliability.
(6) Expand and Update Keyless Entry Locks	Keyless Entry Locks	2009-2020 Through 2011- 2012	Chief Officer of Support Services	Not Required	Number of Keyless Entries; Review reliability

Aim: Community Connections

Goal: Ensure effective parent and community involvement and communication using technology.

(1) Utilize email communications with parents	SIS, Content Management System, Electronic Gradebook	Ongoing	Chief Officers, Executive Directors, Principals, Teachers, Staff	Training on use of technology to communicate with parents	District-wide utilization of email systems
(2) Use technology for reporting (by student, grade, school and district) longitudinal achievement in reading, writing and mathematics.	SMART; Personalized Learning Plans; Content Management Software; Annual Funding	Ongoing	Director of Assessment, Executive Director of Technology	Written and Video Instructions and training	Monitoring online access and parent conferencing
(3) Provide web-based applications for disseminating score reporting.	SMART; K-2 Score Reports; Content Management Software; Annual Funding	Ongoing	Executive Director of Technology, Director of Assessment, Learning Specialists	Training in using and interpreting data	District test results available online
(4) Expand development and utilization of dynamic district and school web pages for information, directories, announcements, news, events, etc.	District Web Site; Content Management Software; Annual Funding	Ongoing	Digital Information Technology Coordinator	Training in web page design and maintenance of sites	Measure usage of web tracking tools and complete implementation
(5) Expand development and utilization of dynamic teacher web pages for instructional information and resources for students and parents.	District Web Site; Content Management Software; Annual Funding	Ongoing	Digital Information Technology Coordinator	Training in web page design and maintenance of sites	Measure usage of web tracking tools

Aim: Community Connections

Goal: Ensure effective parent and community involvement and communication using technology.

(6) Expand usage of Web 2.0 capabilities and features.	Content Management Software	2009-2010 Through 2011-2012	Informational Technology Coordinator	Training in use of Web 2.0 features	Measure usage by web tracking tools
(7) Provide opportunities for the community to utilize digital resources to enhance instructional development	School Media Specialists; School Library; Digital Resources, DISCUS, SAT/ACT Prep Software	Ongoing	Media Services Coordinator	Not Applicable	Schedule of activities, e.g. Family Reading Night
(8) Expand Registrar Application software for verifying student information in SASI.	Registrar Application	2009-2010 Through 2011-2012	Executive Director of Technology	Not Applicable	Number of schools using registrar program
(9) Expand Programming Opportunities for Educational Access Channel	Educational Access Channel; District Studio; District Staff	Ongoing	Media Services Coordinator	Not Applicable	Scheduled programming e.g. Homework Hotline, Awards, Building Projects, District Activities, etc.
(10) Expand Usage of Streaming Educational Access Information on Web	Content Management system, Educational Access Channel; District Studio;District Staff	Ongoing	Media Services Coordinator	Not Applicable	Scheduled programming e.g. Homework Hotline, Awards, Building Projects, District Activities, etc.
(11) Expand Parent Notification System Utilization	Notification System; Internal Support Services	2009-2010 Through 2011-2012	,Office of Accountability Executive Director of Technology	Web based training for district and school personnel	Utilization Reports

Aim: Community Connections

Goal: Ensure effective parent and community involvement and communication using technology.

(12) Continue to provide support for Adult Education and Literacy programs.	Horry County Schools's data and telecommunication networks, email services, support services, staff development and information systems.	Ongoing	Director of Adult Education. Executive Director of Technology	Not Applicable	Services provided and support requests.
(13) Enhance online customer comment and suggestions capabilities.	HCS web page; Response Staff	Ongoing	Office of Accountability	Not Applicable	Monitoring web page and Number of customer entries
(14) Assist families of special needs students in locating funding sources to obtain assistive devices for home use	Multi-disciplinary Team	Ongoing	Director of Special Education	Not Applicable	Log of families assisted.
(15) Training provided to families of special needs students in the use of assistive technology devices.	Multi-disciplinary Team	Ongoing	Director of Special Education	Not Applicable	Schedule of family trainings.
(16) Provide online Newsletter for Parents and Businesses.	HCS web page; District Staff	Ongoing	Communications Coordinator	Not Applicable	Development of web page and Number of newsletters
(17) Host list through SCTLC Web portal	HCS web page; District Staff	Ongoing	Community Engagement Official	Not Applicable	Portal Link Implementation and maintenance of list.

Aim: Professional Capacity

Goal: Provide ongoing and sustained technology related staff development for teachers, principals, district administrators and support staff.

(1) Utilize curriculum specialists or master teachers at every school for modeling and coaching on various delivery models for integrating classroom learning and teaching.	Learning Specialists; Curriculum Specialists, Master Teachers, Technology in classrooms	2009-2010 Through 2011-2012	Director of Staff Development	Training in delivery models	The district will maintain a resource list of exemplary teachers for training, modeling, and coaching.
(2) Provide high quality staff development on the use of hardware/ software for instruction, including white boards, calculators, data collection devices, computers, interfacing equipment, online resources, etc.	Software; probes; calculators; White boards	2009-2010 Through 2011-2012	Director Learning Services, Director of Staff Development	Training in use of hardware and appropriate software, and curriculum applications.	The district will maintain a calendar of staff development activities on the use of technical resources; each school will ensure that appropriate teachers have training as needed.
(3) Provide online professional development opportunities for professional and classified staff.	Access to computers and internet; online PD Resources	2009-2010 Through 2011-2012	Director of Staff Development, Executive Director of Technology	Training in online courses and workshops	The district will offer web-based classes and online training opportunities.
(4) Train professional staff members in the use of the state Certification Portal System (CPS) to monitor certificate renewal credits	Access to computers and Internet	2009-2010 Through 2011-2012	Director of Staff Development	Orientation to the process for accessing the state system	Teachers and administrators will monitor their renewal credits.
(5) Expand district-created software for tracking staff development, including online registration, communication, and alignment with student data.	Application, Defined process	2009-2010 Through 2011-2012	Director of Staff Development, Executive Director of Technology	Training for administrators and teachers on the use of the tracking system	Teachers will use system for online registration and maintaining PD history; administrators will use system for monitoring PD activities.

Aim: Professional Capacity

Goal: Provide ongoing and sustained technology related staff development for teachers, principals, district administrators and support staff.

(6) Establish a video bank of teaching segments that serve as models of exemplary practice for integrating technology.	Video taping of master teachers, catalog	2009-2010 Through 2011-2012	Media Services Staff, Director of Staff Development	Accessing video lessons	The district media center will make these video segments available and accessible to administrators.
(7) Provide online activities to allow teachers to demonstrate technological skills based on ISTE standards adopted by the district to meet state technology certification requirements.	Staff Online Services	2009-2010 Through 2011-2012	Executive Director of Technology, Director of Organizational Development	Orientation for reporting and monitoring processes.	Teacher and administrators will be able to monitor technical skills through portfolio review.
(8) Teachers will demonstrate technological proficiency through successful completion of training and coursework based on ISTE standards. (Teacher Technology Proficiency) Proviso)	Staff Development Funding; Professional Staff Development Schedule	Updated Annually	Director of Staff Development	Staff Development Training Coursework Mentoring, Modeling	250 teachers each year participate in graduate courses and workshops for integration of technology into classroom and usage of software applications.
(9) Provide strategies for identifying teachers who do are not technological proficient. (Teacher Technology Proficiency Proviso)	Site-Based Curriculum Specialists; School Checklists	2009-2010 Through 2011-2012	Administrative School Personnel, School Curriculum Specialists, Director of Staff Development	Mentoring, Modeling, Coursework and Staff Development Training	Teachers not technological proficient will be identified through classroom observation and recommended for additional coursework and/or activities.
(10) Provide an online survey to identify needs of teachers to meet "Highly Qualified' Status.	Staff Online Services	2009-2010 Through 2011-2012	Executive Director of Technology, Director of Staff Development	Orientation on the process for accessing information	District will monitor and collect needs information and incorporate into Staff Development opportunities.

Aim: Professional Capacity

Goal: Provide ongoing and sustained technology related staff development for teachers, principals, district administrators and support staff.

(11) Provide learning opportunities for all support staff to improve technology skills	Technology Proficiencies Skill List, State Regional and District training lab and instructor	2009-2010 Through 2011-2012	Executive Director of Technology, Coordinator Technology/Media Services	Training Classes	Pre- and Post- Test assessments with individual growth plans.
(13) Provide administrators with devices and software to facilitate data collection during classroom walk-through observations.	PDAs; CWT software	2009-2010 Through 2011-2012	Executive Director of Technology, Director of Staff Development	Technical training in the use of software and analysis of data.	Principals and district administrators will use the trends and pattern they see for planning professional development.
(14) Implement Laptop Initiative for teachers	Laptops	2009-2010 Through 2011-2012	Executive Director of Technology, Director of Staff Development	Training in the use of hardware and software and lesson development.	Teacher Portfolios, Proficiency Demonstrations
(15) Provide high quality staff development on the use of hardware, software and assistive technology for instruction.	Software, probes, calculators, whiteboards, interactive slates, assistive technology devices	Ongoing	Director of Special Education, Director of Staff Development	Training in the use of hardware, software and assistive technologies	Participant Rosters.

Aim: Instructional Capacity

Goal: Improve student academic achievement assisted through the effective use of technology.

(1) Develop strategies for managing technical resources and providing individualized and small group instruction.	District Learning Specialists and School Curriculum Specialists	Ongoing	Director of Staff Development, District Learning Specialists, School Curriculum Specialists	Staff development on managing classroom technology and providing individualized and small group instruction.	Teachers will demonstrate technology integration through portfolios, unit planning and classroom observation and recorded on checklists.
(2) Students in grades 2-10 will be tested three times a year with Measures of Academic Progress (MAP); a series of computerized adaptive tests that measure general knowledge in reading, language usage, and mathematics.	Online Assess; Computers	Ongoing	Director of Assessment	Training in MAP testing and use of data analysis	Students in grades 2-10 will have progress and growth reports.
(3) Teachers will use Measures of Academic Progress (MAP) results to modify instruction.	MAP reports	Ongoing	Teachers, Principals, Director of Assessment	Training in data analysis, differentiated instructional strategies integrating technology.	Teachers will exemplify instructional modifications through lesson plans as observed and recorded on checklists.
(4) Continue to use computer application for data warehouse, centralizing student achievement data with analysis and data report capabilities for end users from district-level to the classroom.	Data Warehouse, Maintenance Funding, Server	2009-2010 Through 2011-2012	Director of Assessment, Executive Director of Technology	Training for using on-line reporting for school and district curriculum specialists, principals	Complete all requested reporting capabilities for end users by 2009.
(5) Utilize data stored in Data Warehouse at the district, school, and classroom level to improve student achievement and to monitor progress	Data Warehouse and Reporting Applications,	2009-2010 Through 2011-2012	Deputy Superintendent of Learning Services	Staff development training in use and interpretation of data through report applications	District and school staff and teachers will utilize data in lesson planning, conferencing with parents and student IEPs.

Aim: Instructional Capacity

Goal: Improve student academic achievement assisted through the effective use of technology.

(6) Utilize technology resources to evaluate instruction.	Classroom Walk Through (CWT) Software and Hardware, DIBELS, Curriculum Mapping Software	Ongoing	Executive Director of Curriculum and Instruction, Principals, Curriculum Specialists, Learning Specialists	Staff development on the required resources.	Assessing instructional quality by evaluating reports provided by the required resources
(7) Implementation of assistive technology devices to enable technology usage by all students	Library of assistive devices available for school use. (i.e. Alpha Smarts)	Ongoing	Director of Special Education	Staff development for teachers of special needs children on the use of assistive devices will be provided	Library sign out log will be maintained.

Aim: Support Capacity

Goal A: Provide the necessary supporting resources that will ensure successful and effective uses of technology to teach South Carolina State Standards.

(1) Provide teachers with technology applications to access student performance data and to assist with classroom management methodologies.	On-line Test Scores; Online Personalized Academic Plans; Classxp; Smart; Excent; Integrade Pro	Ongoing	Executive Director of Technology, Principals	All teachers will be trained to effectively use technology to access student performance data.	All teachers will have access to networked workstations capable of accessing all student data.
(2) Maintain and expand an efficient software approval system and online catalog that ensures system and instructional standards compatibility.	An on-line approval system; An on-line catalog	2009-2010 Through 2011-2012	Executive Director of Technology, Executive Director of Curriculum and Instruction	Training in use of on-line system and catalog	Develop web application for software approval workflow and software search.
(3) Provide classroom support for the use of instructional software, computer workstations, online broadband and IP based resources, manipulatives, calculators, science kits, data analysis devices, etc.	District Learning Specialists; School Curriculum Specialists	2009-2010 Through 2011-2012	Executive Director of Curriculum and Instruction, Learning Specialists, Curriculum Coaches	Training in software, integration of technology, and classroom management of technology	Support logs.
(4) Use appropriate technology to collect, store and disseminate state and district testing results for administrative and classroom analysis of test performance to improve instruction.	Online Scores (including PASS/HSAP MAP, SAT, ACT, Explore, DRA, PALS,, ELDA etc.)	Ongoing	Director of Assessment, Executive Director of Technology	Workshops on using and interpreting data	Collect electronic test scores and store in a SQL database with web interface. Import PASS/HSAP, MAP, Lexile, Dial3 and ELDA scores into SASI.
(5) Utilize IEP (Individual Education Plans) software	Excent software, Host Server	2009-2010 Through 2011-2012	Director of Special Programs, Executive Director of Technology	Training workshops for all special education professionals and teachers	All special education students will have an electronic IEP in Excent software.