

**HANCOCK COUNTY SCHOOL SYSTEM  
TECHNOLOGY PLAN  
2009-2012**

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**I. NEEDS ASSESSMENT**

1. Replace, upgrade, and repair equipment that has been deemed obsolete or inefficient for current technology standards.
2. Provide additional staff development by use of local, state, and federal funds (such as Title II-D) .
3. Provide faculty with technologies and staff development that is pertinent to their disciplines.
4. TESS and survey results from the Tennessee STaR Chart will be used to evaluate the overall need.

**II. STAKEHOLDER INVOLVEMENT IN PLANNING**

1. Technology Coordinator – assumed the leadership role
2. Principals – offer suggestions which may be unique to his/her schools
3. Supervisors – contribute by offering suggestion which are applicable to their various departments
4. Teachers – active member of the group; other than the students, they will serve as the primary user
5. Director of Schools – serves in an advisory capacity

**III. GOALS ALONG WITH TIMELINE (Aligned with Tennessee State Technology Standards)**

1. Provide and maintain web pages to enhance learning for all schools and community. (Time Line: On going)
2. All networks connected to the Internet will be updated as needed to increase production and conduct, evaluate research, and improve communication. (Time Line: 2009-2012)
3. Expand computer access for all students, teachers, and parents. (Time Line: 2009-2012)
4. Refine procedures to handle student grades, attendance, school activities, and homework through telecommunication. (Time Line: 2009-2010)

5. Hancock County High School will have wireless access points throughout the facility for wireless connectivity (Time Line: 2009-2011)
6. Forty-five percent of our teachers will be effectively integrating technology in their daily curriculum by the 2010 school year. Eighty-five percent of our teachers will accomplish this goal by the 2011 school year. One hundred percent of our teachers will be effectively integrating technology into their daily curriculum by the 2012 school year.

#### **IV. RESPONSIBLE PARTIES**

1. Technology Coordinator- purchasing and implementing new technology
2. Director of Schools- provide financial and human resources
3. Principals- work with the technology department in scheduling professional development
4. Teachers- attend staff development sessions and utilize technology in the instructional process

#### **V. VISION**

To utilize technology in the instruction process so every graduating senior is capable of functioning in our evolving society. In addition, to increase student's performance in the form of standardized test scores.

#### **VI. GOALS (Aligned with Tennessee State Technology Standards)**

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4. Refine procedures to handle student grades, attendance, activities, and homework through telecommunication.

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**VII. *COLLABORATION AMONG EDUCATORS***

The team will work toward implementation so that students reap the benefit of the technology. A collaborative effort will be provided to ensure a better educational program. The Adult Education and Even Start Program provides classes for parents and students.

**IX. *COLLABORATION WITH COMMUNITY PARTNERS***

A collaborative effort will be encouraged with the community so that rapport is strengthened. This will provide a better educational program for our school system. Clinch-Powell Educational Cooperative, Niswonger Foundation along with parents (PTO) will work as collaborative partners for success. Clinch Powell Educational Cooperative provides a technology assistant for 2 hours after school on Monday – Thursday. The Niswonger Foundation purchased Fast ForWord, Plato, Synergistic Science Labs, Compass Learning Odyssey and Dibbles. All of these programs are utilized during the school year, while some are utilized during the after-school program and summer school.

**X. CURRICULA AND TEACHING THAT INTEGRATE TECHNOLOGY**

1. Innovative technology will be an integral part of the lesson plan for intervention, remediation, and resources in instruction as related to State Standards and Objectives in the curriculum areas.
2. The Internet will be used to complement the textbook and other resources.
3. Staff development will be provided via the Distance Learning Units using information derived from needs assessment surveys and the Tennessee STaR Chart.
4. Research-proven methods were conducted by the University of California, Rutgers University for the Scientific Learning Corporation and Johns Hopkins University proving sufficient gains in student learning. This includes software such as Fast ForWord, A+ Learning, Dibbles, 4Sight and Plato. Student achievement will be increased as required by NCLB.
5. Hancock County has plans of expanding the dual enrollment curricula offered to high school students.

**XI. INCREASED ACCESSIBILITY**

1. (2009-2012) Implementation of Plato, Dibbles and 4Sight to enhance high poverty students' ability in reading and math in the elementary and middle grades.
2. (2009-2011) Student progress will be represented by a 10% gain in reading and math after the implementation of Plato, Dibbles and 4Sight. Continued progress will be measured each year thereafter by achieved benchmarks with a 10% gain until high poverty students reach 100% mastery.
3. (2009-2012) Implementation of the A+ Learning Program for remediation/intervention and credit recovery in all core area subjects for the purpose of high poverty students' mastery in Gateway/End-of-Course testing while showing ongoing progress toward advanced or at lowest proficient achievement.
4. (2009-On-going) The district web page is utilized with links to each school. This will be updated periodically to inform parents of students' needs which will reinforce instruction in the home. The web page informs everyone of parent meetings, educational opportunities, and other information concerning our school system.

5. (2009-On-going) Each household in the county will receive a quarterly comprehensive newsletter informing the parents and community of all activities such as; school functions, student activities, parental involvement opportunities, teacher reports, adult learning opportunities, etc.

## **XII. EQUITY**

All schools in Hancock County are provided equal access, such as:

1. Students with performances below average in core academic concentrations will be provided additional software and hardware in order to achieve appropriate grade level.
2. Schools will utilize grant funds in grades PreK-12 to implement additional technology.

## **XIII. SCHOOLS IN LEA**

1. Hancock County Middle/High School
2. Hancock County Elementary School
3. Hancock County Early Learning Center

## **XIV. PROFESSIONAL DEVELOPMENT**

Through available funds for professional development the system will prepare one or two teachers/staff in the elementary, middle, and secondary schools as technology coaches who will serve as experts. Periodic workshops and follow up sessions will be provided to train teachers/staff in the effective use of technology as indicated by surveys and teacher needs assessments. Teachers will then integrate technology across the curriculum to enhance student learning. Other curriculum integration sessions will be provided as a result of the teachers' needs assessment. Each topic will be addressed in monthly staff meetings.

## **XV. TELECOMMUNICATIONS SERVICES**

1. Existing:
  - A. Networks
    1. Two schools network with 10/100/1000 MB Ethernet
    2. Hancock County Vocational Building, Central Office, LEA and Hancock County Early Learning Center networked with 10/100 MB Ethernet
  - B. Internet Connection
    1. All schools, Vocational Building, Central Office and LEA are connected with 12 MB of fiber through the ENA backbone.
    2. Each school is utilizing Gaggle (filtered student e-mail).
    3. ENA Managed Firewall provided for all locations

C. Local and Long Distance Telephone Service

1. Basic Service
2. Long Distance Service
3. Optional Service including the following:
  - Hunting/Rollover Service
  - Touch Tone
  - IntraLata Private Line Service, Voice Grade Local Channel
  - IntraLata Private Line Service, Type C signaling arrangement
  - Call Waiting
  - Inside Wire Maintenance Service Plan
  - RingMaster I – One RingMaster Number with Distinctive Ringing
  - Call Forwarding
  - Custom Toll Restriction
  - Caller ID Name and Number Delivery with Anonymous Call Rejection
  - Selection Class of Call Screening

2. Planned Improvements:

A. Networks:

1. Upgrade and replace switches at all locations as needed (2009-2012)
2. Install additional connections in schools for connectivity as needed (2009-2012)
3. Upgrade 10/100 MB Ethernet networks to 10/100/1000 MB (2009-2011)

B. Internet Connection: \*

- C. Upgrade 12 MB of fiber for all locations (2009-2012)
- D. Purchase ENA Managed Firewall
- E. Purchase Gaggle for student e-mail
- F. Purchase e-mail archiving system

\* Above upgrades should be provided by ENA.



**I. INTEROPERABILITY**

1. Purchase non-propriety equipment
2. Ensure that all components work together
3. Test hardware configurations prior to large purchases to guarantee that it will meet the school system's need
4. Avoid out-dated purchases

**II. LEADERSHIP**

1. The LEA will monitor and upgrade equipment to insure successful implementation by modeling effective educational technology.
2. The LEA will provide sufficient staff development.
3. The LEA will implement a service "host" for the school district's Internet services. Internet upgrades will be implemented.

**III. REVIEW OF POLICIES AND PROCEDURES**

1. The acceptable use policy (AUP) is available on our web site – [www.hancockcountyschools.com](http://www.hancockcountyschools.com)
2. Internet is provided to schools only through filtering (provided by ENA)
3. CIPA is followed
4. Copyright infringements, inappropriate web access, and chatting are only a few of the items prohibited

**IV. EVALUATION**

1. System Technology Team: The Team consists of Technology Coordinator, Principals, Supervisors, and Director of Schools. The Team meets periodically to establish technology goals, technology updates, implementation schedules, training, etc.

1. School Technology Team: Schools can establish their own team to develop school site plans and make recommendation and/or requests to the system technology coordinator and/or system technology team.
2. Evaluation of Technology infusion will include student test data as related to the amount of student technology use. Teachers will also evaluate technology use based on class performance.

**V. *USE OF EDTECH FUNDS/ACCOUNTABILITY***

These funds will be utilized to implement technology in areas with both socioeconomic need and academic need. New hardware, software, and staff development will be implemented in the identified Title schools.