

**Comprehensive Technology Plan
for the
Clay County School System**

**Reflecting State, Local, E-Rate, Ed-Tech Funding, &
Title II Part D**

**A 3-Year Plan for
School Years 2006-2009
(Beginning July 1, 2006 to June 30, 2009)**

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**CLAY COUNTY SCHOOL DISTRICT
PROCESS ELEMENTS**

1. NEEDS ASSESSMENT:

The Star Chart and other needs assessment instruments used show the system to be at the ADOPTION stage. A

technology survey was also completed at all five schools to determine the number of students with computers and internet access. The results of the school technology surveys are incorporated in this system-wide technology implementation document. More in-service is needed at all levels. Much equipment is at the replacement recycle stage. Some infrastructure such as cabling needs to be upgraded to 100 mb capacity. Some software packages have been upgraded or replaced. More integrated learning systems and school based and system wide server applications are needed. Findings show administrative tasks need to start from the teacher desktop.

2. STAKEHOLDER INVOLVEMENT IN PLANNING:

The technology team for Clay County Schools is made up of educators, community members and student members from each school. The purpose of this team is to design and continually upgrade a plan for the ongoing development and deployment of technology for the school district and its individual schools.

Team members

Dr. Doug Young.....	Director of Schools
Lisa White.....	Technology Coordinator
Mike Brawner.....	Elementary Principal
Jerry Collins.....	Elementary Principal
Brenda Kirby.....	Secondary Principal
Donnie Cherry.....	K-12 Principal
Joe Sims.....	Assistant Principal
Deborah Eads.....	Federal Projects Director
Jerry Strong.....	Career Technical Director
Melissa White.....	Teacher
Sue Stone.....	Librarian
Andrea McLerran.....	Hospital Administrator
Scotty Arnett.....	Local ISP
Students.....	One from each school

This team will meet formally and informally as needed.

3. TIMELINE:

This plan is for a three year period of how technology should be implemented within the Clay County School System beginning July 1, 2006 through June 30, 2009. This document includes funding from State, Local, E-Rate, Ed-Tech Funding and Title II Part D. The costs are only estimated costs based on some of the expenses incurred in previous years. A technology plan must be a *'living'* document due to the nature of technology and unforeseen technical situations that cause expenditures to be re-allocated to different item purchases. Below is a type/cost plan based on prior years spending and the system-wide technology plan.

**TECHNOLOGY Budget
Clay County Schools
(2006-2009)**

Future Year's Funding is Pending and Final Amounts/Costs are Approximate

<u>Year</u>	<u>Category</u>	<u>Quantity</u>	<u>Item</u>	<u>Cost per Item</u>	<u>Total Costs</u>	<u>Funding Source(s)</u>
2006-2007	Hardware	25	Workstations/Computers All Schools	\$1,000	\$25,000	Local Funds, SPED, Title II D, E-Rate Discounts, Ed- Tech Funding
	Software	(2)	A+ Learning System for Celina K-8 and Hermitage Springs Schools	\$17,725	\$35,450	Local Funds, SPED, Title II D, E-Rate Discounts Ed- Tech Funding,
	Software Valid 3/07-3/10	(1)	Panda Anti-Virus for 250 License	\$9.30	\$6,975	Local Funds, SPED, Title II D, E-Rate Discounts, Ed- Tech Funding
	Thinklink	1	Celina K-8, Hermitage Springs, & Maple Grove Students Grades 2-8		\$4,200	Local Funds, SPED, Title II D, E-Rate Discounts, Ed- Tech Funding
	Services	2	A+ Learning System Professional Development	\$2,000	\$4,000	Local Funds, SPED, Title II D, E-Rate Discounts, Ed- Tech Funding

					Yrly Total	\$75,625	
2007-2008	Hardware	Workstations/Computers All Schools	30	\$1,000	\$30,000	Local Funds, SPED, Title II D, E-Rate Discounts, Ed- Tech Funding	
	Software	A+ Support/Upgrades	1 year	\$3,000	\$3,000	Local Funds, SPED, Title II D, E-Rate Ed-Tech Funding	
	Services	Windows 2000	25	\$60	\$1,500	Discounts, Ed-Tech Funding Local Funds, SPED, Title II D, E-Rate Discounts Ed- Tech Funding,	
					Yrly Total	\$34,500	
2008-2009	Hardware	Workstations/Computers	35	\$1,200	\$42,000	Local Funds, SPED, Title II D, E-Rate Discounts, Ed- Tech Funding	
						Yrly Total	\$42,000

4. RESPONSIBLE PARTIES:

The Clay County School System Technology Comprehensive Plan is to be overseen by the Director of Schools, Dr. Doug Young and the Technology Director, Lisa M. White.

CONTENT ELEMENTS

5. VISION:

The vision for the Clay County School System is that technology be available to all students and teachers in many forms. Technology is to be an important part of all curricula in preparing our students for the future. Internet use will take place in all areas of instruction. Network and server use will increase at all levels of instruction. Students and instructors will create and use their own applications. Schools will become the technology center for the entire community.

6. GOALS AND OBJECTIVES:

Goal One: Use A+ Learning System, ACT Online Prep, and Plato to improve math and language skills. These software programs have strands aligned to address state standards.

Objective: Staff development will be provided on using A+ Learning Systems, ACT Online Prep, and Plato to provide intervention and remediation; existing programs will be upgraded as needed, and greater access to technology will be given to students and staff by increasing the number of computers.

Goal Two: Improve and expand the curriculum through technology by offering additional courses and new learning opportunities.

Objective: Expand course offerings for K-12 through existing infrastructure via the Internet and analog inter-active classroom that connects the system with colleges and other schools.

Goal Three: All professional staff will become users of technology and will integrate it for daily use in their classrooms.

Objectives: All staff will be provided professional development/training in computer skills related to their needs. Teachers will have access to all technology needed, such as multimedia workstations and projection devices. Offer advanced technology classes through local colleges and universities. Offer encouragement and incentives to staff to increase their use and knowledge of technology.

Goal Four: Provide students with modern equipment and appropriate software to prepare them for the workplace of the future.

Objectives: Determine the desired skills of the modern workforce and adjust curriculum and course offering to reflect

these needs. Keep equipment upgraded and repaired on a timely basis. Upgrade infa-structure, as increased bandwidth is needed. Encourage all staff to keep abreast of new innovation by attending conferences, subscribing to technology publications and networking with other educators.

COLLABORATION AMONG EDUCATORS:

Educators at various schools will use the internet to enrich their teaching and to collaborate with other teachers at their grade level to enhance student learning. To help facilitate more collaboration between teachers at the various schools, we will investigate the purchase of various technology tools to make this possible. We will also explore additional ways to use the existing inner-active TV system with Tennessee Tech, Volunteer State Community College and other institutions of higher learning.

COLLABORATION WITH COMMUNITY PARTNERS:

All Pre-K through twelfth grade classrooms have websites to help promote the school and to keep parents and the community informed on school activities, etc. Links to all of the schools can be accessed on the Clay County Schools website at <http://66.4.75.194>, with teacher email addresses also being available on this site to have better communication between parents, teachers, administrators, and the community. With the opportunity to broadcast over the world-wide-web, our schools have the capability to increase the amount of information shared with the community such as getting assignments online, etc. The system-wide technology director has worked with *Tennessee Technological University* and *Volunteer State Community College* to bring technology off campus classes and on-line classes opportunities to the community and to teachers in Clay County. The on-line or on-site classes through Tennessee Technological University have been held annually. If this is offered to our County in the fall of 2006, we will continue to offer a graduate on-site class to all teachers in Clay County free of charge entitled "Technology for Teachers".

CURRICULA AND TEACHING THAT INTERGRATE TECHNOLOGY:

Clay County School System has purchased the **A+ Anywhere Learning System Software and ACT Online Prep**. These software programs are providing alignment with the Tennessee State Curriculum Standards. This is the most important aspect of incorporating technology into the curriculum. It is essential that the appropriate grade level and subject area software be provided to teachers. These software packages are research based and meets the needs of the curriculum. Teachers who integrate technology in the classroom will become coaches and mentors for others.

INCREASED ACCESSIBILITY:

Accessibility is to be increased by increasing the number of computers available for student use. It is the intention of Clay County Schools to continue to provide internet connection to each classroom and to support the growth of the school networks by adding switches to accommodate the increasing need of network expansion. All problems with bandwidth will also be addressed as needed.

EQUAL ACCESS:

Each school has a library media center with a group of computers for student access. Clay County School system will

continue to support and upgrade these computers. All students and teachers will be guaranteed equal access to all technology.

BUDGET:

The Clay County School budget is funded on an annual basis. Monies for technology come from several sources: Federal, State, E-Rate, Ed-Tech Funding and local. This budget will vary from year to year based upon need and availability of funds. The Clay County School System has made a strong commitment to the funding of technology.

Fiscal Budget 2006-2007

New Equipment/Services.....	\$65,000
Software.....	20,000
Exceed.....	18,000
Maintenance.....	2,675
Salaries.....	57,240

INTEROPERABILITY:

All hardware and software purchased will be interoperable with existing technology; this will insure the longest lifespan for our purchases.

LEADERSHIP ROLES IN TECHNOLOGY:

Decisions of school administrators must be made on accurate and current information. Integrated learning systems will enable better tracking of student progress. The student database is web based, putting information at the desktop of all staff. Staff will receive in-service on the proper use of all administrative functions that are technology based.

REVIEW OF POLICIES AND PROCEDURES:

Clay County Schools have adopted policies related to the proper use of educational technology: Acceptable use of Internet (staff and student) and web page policy. These policies will be posted on the school system’s website at (<http://66.4.75.194>) click on policies. Content filtering software is provided to our school system through the TN State Department of Education’s Connect-TEN project. Any breach of these policies is immediately reported to the system technology director and the school principal. Clay County is in compliance with the *Children’s Internet Protection Act* (CIPA).

EVALUATION:

The technology plan will be carefully monitored on an annual basis to ensure all phases of the plan are followed and revised as necessary. This plan is a ‘living’ document. It is meant to be flexible, upgradeable, and workable. Student test scores will be monitored to measure results from technology use. The use of equipment and software will be logged. The Tennessee Star Chart will be used on an annual basis to determine the improvement in each school.