

Whitaker School  
Strategic Technology Plan 2009-13

Developed  
By

Whitaker School Technology Committee  
Division of Mental Health  
NC Department of Health and Human Services

October 27, 2008



Necessary Components for the LEA Technology Plans  
North Carolina G. S. § Article 8, Part 3A 115c-102.6A-C(16).

In order for local education agencies to meet requirements as set forth in North Carolina General Statute § Article 8, Part 3A 115c-102.6C-A, each section of the plan must include at least one strategy or objective that addresses the following:

**NC public schools will produce globally competitive students.**

1. Mathematics/reading scores improvement
2. Classroom use of student resources
3. IMPACT model implementation
4. Computer Skills Test score improvement
5. Computer Skills Curriculum implementation
6. Information Skills Curriculum implementation
7. Technology integration across the curriculum
8. Student distance learning opportunities
9. Assistive technology availability
10. Global Exchange
11. Support for Early College/Learn and Earn (or similar) programs

**NC public schools will be led by 21st Century professionals.**

1. Teacher/staff skills assessment
2. Diverse training resources (local and online including DPI resources)
3. Follow-up support
4. Local certification and professional development requirements
5. Ethical and professional standards
6. Evaluation of training
7. Readiness of an educator to design, implement, and discuss assessment strategies is referred to as "assessment literacy."
8. Global awareness training\*

*\*Global Awareness:* The recognition and understanding of interrelationships among international organizations, nation-states, public and private economic entities, socio-cultural groups, and individuals across the globe.

**NC public school students will be healthy and responsible.**

1. School campus security (video, alarms, metal detectors, etc.)
2. School bus security (video, radios, cell phones, etc.)
3. Student and Staff ID systems
4. Student Information/Tracking Systems (SIMS/NCWISE, nutrition, etc.)
5. Internet and email filtering/security
6. Classroom telephone systems and other communications devices
7. Website use (district, school and classroom) Flexible access to resources
8. Equitable access to resources

9. Ethical and personal responsibility
10. Policy and procedures to address global, ethical and responsible use
11. Technology used to educate, monitor and maintain healthy student lifestyles

**Leadership will guide innovation in NC public schools.**

1. Leadership enabling Teaching and learning collaborative projects
2. MTAC
3. Leadership communication tools and venues
4. Leadership created professional growth opportunities
5. Partnerships
6. Process for addressing ongoing change

**NC public schools will be governed and supported by 21st Century systems.**

1. Policy
2. Budget
3. Personnel
4. Security
5. Administrative Applications
6. Hardware
7. Infrastructure-School Local Area Networks and District Wide Area Networks
8. Communication and collaboration tools (email, Web 2.0, file management) for clientele

REQUIRED SUBSTANTIVE COMPONENTS  
OF THE  
LOCAL SCHOOL DISTRICT TECHNOLOGY PLAN

The local school board has actively involved key stakeholders in the development of a district-wide four-year technology plan that includes the following key components:

- a vision statement consistent with the North Carolina Instructional Technology Plan that reflects the unique qualities and strategic priorities of your local school system;
- the identification of the current situation, goals, objectives and evaluation of the core instructional and administrative components of a technology program that address the five strategic priorities of the Future Ready Students:
  - Globally competitive students
  - 21<sup>st</sup> Century professionals
  - Healthy and responsible students
  - Leadership for innovation
  - 21<sup>st</sup> Century Systems;
- a staff development and training component that reflects a budget of 20 to 30 % of the total cost of the technology program; and
- an infrastructure/connectivity component that meets North Carolina Information Technology Services standards to assure compatibility, connectivity, and cost-effectiveness.

LEA Name: Whitaker School/DHHS

LEA Number: 997-258

Signature: \_\_\_\_\_  
Superintendent

\_\_\_\_\_  
Local Board Chair

Person of Contact: Brad Peterson

Telephone number: 919-855-4438



### The Mission

The Mission of Whitaker School is to provide the best possible Re-Education services to the behaviorally and emotionally disturbed youth of North Carolina needing secure residential care through excellence in diagnosis, treatment and education and to facilitate the development of strong, effective community-based resources through an ecologically based approach so that the youth may return to successful, productive lives in their home communities.

### The Vision

Whitaker School, as a State Operated Program, adheres to the vision statements outlined by the DHHS Office of Education Services and accepted by the NC Department of Public Instruction in July 2000:

“All students, regardless of disability, will be enabled by technology to solve problems, improve their productivity, and gain the skills necessary to become contributing members of their community and life-long learners.”

The Whitaker School will endeavor to provide students with the technological means to increase educational and social growth. Within the parameters of the Re-Education model, opportunities for technological exposure will be provided for the students. The Whitaker School workforce will be provided with the technological means to support the mission goals of the School.

**NC public schools will produce globally competitive students.  
Current Situation Narrative**

Whitaker School is supported by the Office of Education Services (OES). OES acts as Whitaker School's central office. They provide such technical support such as CECAS implementation and training, Internet and web site resources, and technology training. This support assists teachers in increasing student achievement. OES has access to the CECAS system which provides them with information about students at Whitaker School. Currently Whitaker School is not part of the NS WISE system but OES has indicated that all OES affiliated school will be utilizing this system in the future which will provide OES with an expanded ability to access and review student achievement information.

At the Whitaker School, students have a limited opportunity to utilize computer interactive software material for various subjects. These programs include Microsoft Word and Excel, Encarta, and other software aligned with standard course of study textbooks. Students also have some access to the Internet. Other uses of technology in the classroom include the use of DVD and VHS players as well as graphing calculators. Periodically, students are able to visit facilities that highlight technological achievements such as the Durham Life and Science Museum. Each teacher at the Whitaker School is assigned a computer. These computers in part are used to create student records and updates as well as communicate to others, the educational needs of the students. The Whitaker School maintains roughly 1 computer for every student. Currently, these classroom computers are connected to the Internet however; students are allowed monitored Internet access on their computers. The IMPACT model is used as a set of guiding objectives in order to facilitate improved technological experiences in the classroom. At this time, students do have access to distance learning program sites to include CECAS and GED preparation via Vance-Granville County Community College.

**NC public schools will produce globally competitive students.  
Strategic Technology Plan**

Include at least one strategy or objective that includes the following:

1. Mathematics/reading scores improvement
2. Classroom use of student resources
3. IMPACT model implementation
4. Computer Skills Test score improvement
5. Computer Skills Curriculum implementation
6. Information Skills Curriculum implementation
7. Technology integration across the curriculum
8. Student distance learning opportunities
9. Assistive technology availability
10. Global Exchange
11. Support for Early College (or similar) programs

Strategy	Resources Needed (Human & Material)	Person(s) Responsible	Budget Needs	Funding Sources	Time-line (Proposed Beginning & Ending dates)	Method of Evaluation	
Objective: 6.1 To increase and improve technological applications within the school curriculum.							
6.11: Students will be provided with computer applications to include educational software that is course specific and access to the internet in the classroom setting to gather required educational information.	Teacher training Computer hardware and software upgrades Computer software that enhances reading and math scores Access to the internet in the classroom. Internet dependent educational software subscription.	School Technology Coordinator. Classroom teachers.	\$4000 \$4000	Federal State	Beginning July 2009  Ending June 2013	Teacher observation, teacher generated quizzes, tests, and assignments.  Teacher feedback to the Technology team regarding computer software.	

Objective: 4.1 To increase students' information skills and technological knowledge as well as computer skills test performance.							
4.11 Teachers will expand the amount of time during information skills class in which students have an opportunity to increase their knowledge of computer skills.	Teacher training Computer software that enhances computer skill scores Access to the internet in the classroom.	School Technology team. Classroom teachers.	Funds Acquired from first objective or as additionally needed.	Federal State	Beginning July 2009  Ending June 2013	Compare computer skills test results from previous classes to determine if an increase in performance has occurred.  Implement teacher generated computer tests to assess comprehension.	
Objective 7.1: To increase aspects of technological applications in all student coursework.							
7.11 Students will be provided with more opportunities to utilize technology such as computers, calculators, and multi-media in core curriculum areas.	Teacher training Computer software that enhances computer skill scores Access to the internet in the classroom.	School Technology, Technology Team Classroom teachers.	Funds Acquired from first objective or as additionally needed.	Federal State	Beginning September 2008  Ending May 2013	Purchase orders.	

Objective 9.1: To increase knowledge and capabilities of implementing assistive technology requirements.						
9.11 Assistive technology will be purchased in the event of student requirements.	Assistive technology information and materials.	School Technology Coordinator. Classroom teachers.	Per need basis.	Federal State	Beginning September 2008  Ending May 2013	Technology team notes pertaining to the necessity of integrating assistive technology.
Objective 3.1: To increase knowledge and capabilities of implementing the IMPACT model.						
3.11 The school technology team will gather and assess information on the IMPACT model. The team will determine applicable uses of the IMPACT model.	Information on the IMPACT model.	School Technology Team. Classroom teachers.	Per need basis.	Federal State	Beginning September 2008  Ending May 2011	Technology team notes pertaining to the integration of the IMPACT model.

**NC public schools will be led by 21st Century professionals.  
Current Situation Narrative**

Currently, the Whitaker School is not a part of NC WISE, or the SIMs network. It has been identified that the Office of Educational Services will be involved in directing the implementation of the NC WISE system at the Whitaker School and other state operated facilities. Teachers do have access to the DPI website and other educational websites. An initiative to use the SAS in Schools database is currently being scrutinized by the Office of Educational Services. The Whitaker School continues in the process of learning how to use the CECAS system. Training should be complete in the near future. Whitaker School also uses the E-Procurement system as well as email. Teachers are provided with opportunities to go to seminars, conferences, and college courses in order to meet their certification requirements as well as increase their knowledge of various subjects. Periodically, trainers are invited to discuss various topics with educators. Several of Whitaker School teachers have taken courses on line. Educators are required to take 1 CEU of credit in the field of technology every 5 years to renew their license. Currently, these credits are obtained via college courses or other DPI accredited classes. Funds for teacher training to include technology training come from outside the technology budget (general education funds). At this time, none of the school's technology budget is used for technology staff development though this is expected to change in the future. When teachers and students implement computer programs, computer savvy teachers provide informal training to other teachers.

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Strategic Technology Plan**

Include at least one strategy or objective that includes the following:

1. Teacher/staff skills assessment
2. Diverse training resources (local and online including DPI resources)
3. Follow-up support
4. Local certification and professional development requirements
5. Ethical and professional standards
6. Evaluation of training
7. Readiness of an educator to design, implement, and discuss assessment strategies ("assessment literacy.")
8. \*\*\*Global awareness training

Strategy	Resources Needed (Human & Material)	Person(s) Responsible	Budget Needs	Funding Sources	Time-line (Proposed Beginning & Ending dates)	Method of Evaluation
Objective 2.1: All Whitaker School teachers will learn how to use aspects of the CECAS system.						
2.11 Continue to provide professional development to help teachers utilize the CECAS system.	DPI trained CECAS trainers	Technology Coordinator. Principal	It is anticipated that DPI will provide training at little or no cost.	State/ Federal	Beginning September, 2008  Ending May, 2013	Training evaluations, Principal observations
Objective 4.1: To ensure that all teachers meet their technology requirement.						
4.11 Provide professional development to help teachers utilize technology resources.	Technology curriculum. In-house trainer and or provisions for teachers to attend training sessions.	Technology team.	\$5000	State/ Federal	Beginning September, 2008  Ending May, 20013	Training evaluations,

Objective 5.1: Teachers and students will be trained in ethical and appropriate uses of technology.							
5.11 Provide professional development in using technology ethically and appropriately.	In-house trainer and or provisions for teachers to attend training sessions. Students will be provided with training from teachers.	Technology team.	Fund usage from previous objective.	State/Federal	Beginning September, 2008  Ending May, 2013	Training evaluations	
Objective 1.1: To determine teachers' technological abilities.							
1.11 The technology team will acquire or create a technology assessment tool that can be provided to teachers to determine their understanding of technological applications.	Technology team Teachers Assessment tools	Technology team	As needed.	State/Federal	Beginning September, 2008  Ending May, 2013	Technology meeting notes.  Assessment evaluations.	
Objective 2.1: To increase the variety of training resources available to teachers.							
2.11 The technology team in collaboration with OES personnel will locate additional online and local training opportunities and provide them for teachers.	Technology team OES personnel Online and local resources.	Technology team	As needed	State/Federal	Beginning September, 2008  Ending May, 2013	Technology meeting notes.  Teacher feedback following training.	

Objective 3.1: To increase follow-up support for teachers in aspects of technology.						
3.11 The technology team will periodically collaborate with teachers to determine if they need any additional technological training or assistance.	Technology team	Technology team	As needed	State/Federal	Beginning September, 2008  Ending May, 2013	Technology meeting notes.  Teacher feedback
Objective 6.1: To ensure that technological training is appropriate and effective.						
6.11 The technology team will create a teacher survey and periodically provide it to teachers to determine if the training they receive is appropriate and effective.  Based on the survey results the technology team will determine if alternate or additional training is necessary.	Technology team Teachers	Technology team	As needed	State/Federal	Beginning September, 2008  Ending May, 2013	Technology meeting notes.  Teacher feedback from survey.

Objective 8.1: To provide students with a better understanding about global issues.						
8.11 Teachers will purchase and implement technological curriculum applications to provide students with a better understanding of world issues.	Technology team Teachers	Technology team	As needed	State/Federal	Beginning September, 2008  Ending May, 2013	Technology meeting notes.  Teacher feedback from survey.
Objective 7.1: To provide training to ensure that educators are prepared to design, implement, and discuss assessment strategies.						
7.11 Provide professional development to help teachers utilize technology resources.	Technology curriculum. In-house trainer and or provisions for teachers to attend training sessions.	Technology team.	Funding from goal 4.11	State/ Federal	Beginning September, 2008  Ending May, 20013	Training evaluations,

**NC public school students will be healthy and responsible.**  
**Current Situation Narrative**

Whitaker School's IT security is provided mostly through the fact that it is a highly structured, locked environment. Students are not allowed to travel from one part of the building to another without supervision and students are not allowed access to computers without staff sitting beside them. The Whitaker School currently utilizes a ratio of one staff member to three students to increase student safety. Those staff members that have the use of computers are assigned individual passwords for security reasons. Currently, there are no electronic surveillance systems utilized at the Whitaker School. Computers are utilized to document student behavioral issues and create behavioral plans to help improve student discipline. Students at the Whitaker School receive their meals from Central Regional Hospital's dietary department. That department utilizes a computer program in order to provide a balanced diet to the students. While Whitaker School does not have buses, students are periodically transported in state owned 6 passenger vans. During student transport, staff members are provided with cell phones in the event of emergency. There is a phone in each of the classroom settings. Staff members have their own ID cards. Students have personal ID numbers assigned to them for confidentiality purposes. Visitors must sign in after reading a confidentiality statement. Most visitors remain on the administrative wing of the school and are escorted when going to other parts of the building.

All computers are securely locked with controlled access. Currently, Whitaker School is implementing "WEBSense" filtering software for classroom computers. Currently, Whitaker School does not have access to the NCWISE or SIMs system. Policies and procedures will be developed that incorporate the appropriate use of the NCWISE system. Access to NCWISE will be implemented with the direction and support from the Office of Educational Services. It is uncertain if the SIMs system will be implemented at the Whitaker School. If this were to occur, it would be under the support and direction of the Office of Educational Services. At this time Whitaker School is in the process of reconfiguring classrooms and infrastructure to include new classrooms and computer labs, and phone system. These changes are the result of a recent reorganization and a renovation of Whitaker's infrastructure.

Whitaker School does not use the DARE Program. Whitaker has a certified substance abuse counselor on staff to address substance abuse issues with our students. The substance abuse counselor has access to email and the Internet to aid in the preparation of materials for educational and therapeutic activities.

Whitaker School does not use the CIS Program. Since Whitaker is a locked residential treatment facility, all of the issues addressed in the CIS program are addressed as a part of Whitaker's treatment program. The ReEducation model, on which Whitaker's programming is based, involves conjoint therapeutic/educational activities on the part of teachers as well as clinical and residential staff in each child's treatment. Each of these departments and their staff has access to email and the Internet to gather information and to generate appropriate materials to address the complex needs of our students.

Whitaker School has partially installed a video security monitoring system in order to more effectively monitor the students. Each of the wards will have a camera installed during this fiscal year.

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Strategic Technology Plan**

Include at least one strategy or objective that includes the following:

1. School campus security (video, alarms, metal detectors, etc.)
2. School bus security (video, radios, cell phones, etc.)
3. Student and Staff ID systems
4. Student Information/Tracking Systems (SIMS/NCWISE, nutrition, etc.)
5. Internet and email filtering/security
6. Classroom telephone systems and other communications devices
7. Website use (district, school and classroom)
8. Flexible access to resources
9. Equitable access to resources
10. Ethical and personal responsibility
11. Policy and procedures to address global, ethical and responsible use
12. Technology used to educate, monitor and maintain healthy student lifestyles

Strategy	Resources Needed (Human & Material)	Person(s) Responsible	Budget Needs	Funding Sources	Time-line (Proposed Beginning & Ending dates)	Method of Evaluation
Objective 5.1: To ensure that students are using computers and the internet appropriately.						
Install/upgrade internet filters in the classroom computers in order to use Internet and e-mail capability in an ethical and responsible manner.	Appropriate filtering hardware and software.	Technology Coordinator/ Teachers	\$5000 As needed	State portion Federal (eRate)	Beginning September, 2008  Ending May, 2013	Purchase orders. Teacher reports.
Objective: 4 .1The increase the ability to utilize the CECAS and NCWISE systems will be implemented.						
4.11 Training and appropriate implementation strategies and computer applications will be utilized.	Staff development training and appropriate software.	Technology Coordinator/ Teachers	\$3500 As needed	State portion Federal (eRate)	Beginning September, 2008  Ending May, 2013	Training evaluations.

Objective 3.1: To ensure that the student and staff ID systems continue to remain in operation.						
3.11 The Management and Clinical Teams will periodically assess the continued use of student and staff ID's	ID cards, computer programs (HEARTS, CECAS)	Management and Clinical Team	NA	NA	Beginning September, 2008  Ending May, 2013	Monitoring by Clinical and Management Team
Objective 7.1: To assess and increase the utilization of website use in the classroom.						
7.11 The technology team in collaboration with teachers will determine appropriate websites for student use.  The technology team will collaborate with OES to locate and use appropriate websites.	Technology team Teachers OES personnel	Technology team	NA	NA	Beginning September, 2008  Ending May, 2013	Teacher feedback.
Objective 6.1: To ensure that classroom telephone systems continue to remain effective.						
6.11 The technology team in collaboration with teachers will periodically assess the effectiveness of the phone communication system and make adjustments as needed.	Technology team Teachers	Technology team	As needed	State portion Federal (eRate)	Beginning September, 2008  Ending May, 2013	Teacher feedback.

Objective 2.1: To ensure that school van security technology remains operational.						
2.11 The technology team in collaboration with teachers will periodically assess the effectiveness of the cell phones that are provided for staff when using school vans. They will also determine if additional measures need to be implemented.	Technology team Teachers	Technology team	As needed	State portion Federal (eRate)	Beginning September, 2008  Ending May, 2013	Teacher feedback.
Objective 1.1: To assess and increase the utilization of website use in the school.						
1.11 The technology team in collaboration with teachers and management team will determine appropriate technological applications for school security.	Technology team Teachers Management team	Technology team	\$15,000 for video camera system. As needed for continued installation and upgrades	State portion Federal (eRate)	Beginning September, 2008  Ending May, 2013	Teacher feedback. Documentation of technology team decisions.

Objective 8.1: To ensure that students have access to technology venues.							
8.11 The technology team in collaboration with teachers and management team will periodically assess students access to technology and adjust or upgrade as necessary.	Technology team Teachers Management team	Technology team	As needed.	State portion Federal (eRate)	Beginning September, 2008  Ending May, 2013	Teacher feedback. Documentation of technology team decisions.	
Objective 9.1: To ensure that every student has an opportunity to utilize elements of technology equitably.							
9.11 The technology team in collaboration with teachers and management team will periodically assess students equitable access to technology and make adjustments as necessary.	Technology team Teachers Management team	Technology team	As needed.	State portion Federal (eRate)	Beginning September, 2008  Ending May, 2013	Teacher feedback. Documentation of collaborative decisions.	

Objective 11.1: To ensure that appropriate policies and procedures pertaining to global, economical and responsible use of technology are in place.						
11.11 The technology team in collaboration with teachers and management team will meet bi-annually or as needed to update or create policies and procedures	Technology team Teachers Management team	Technology team	As needed.	State portion Federal (eRate)	Beginning September, 2008  Ending May, 2013	Teacher feedback. Documentation of technology team decisions.
Objective 12.1: To ensure that technology is used to educate, monitor and maintain healthy student lifestyles						
12.11 The technology team in collaboration with teachers and management team will meet bi-annually or as needed to update or create policies and procedures	Technology team Teachers Management team	Technology team	As needed.	State portion Federal (eRate)	Beginning September, 2008  Ending May, 2013	Teacher feedback. Documentation of technology team decisions.
Objective 10.1: To ensure that technology is used in an ethical and responsible manner.						
10.11 The technology team in collaboration with teachers and management team will observe and review technology access and usage to ensure ethical and responsible practices	Technology team Teachers Management team	Technology team	As needed.	State portion Federal (eRate)	Beginning September, 2008  Ending May, 2013	Technology team observation.

**Leadership will guide innovation in NC public schools.  
Current Situation Narrative**

Currently school professionals do not participate in collaborative efforts in the area of international issues and global awareness. Expectations for change and implementation to meet Future Ready Goals is supported and provided by the Office of Educational Services. Due to the nature of the characteristics of Whitaker School students, it is unlikely that opportunities for student or teacher participation outside of the state or country will occur. Students and teachers do have a limited opportunity to go on educational outings in the local Triangle area. Periodically special outings are planned outside of this area. Teachers are allowed to take college courses and attend conferences to maintain their teaching licenses or acquire additional degrees and licenses. Teachers have Internet access in order to connect with on-line conferences and classes. OES provides multiple on-line resources for continuous improvement, career advancement, and curriculum enrichment. Teachers and other staff meet to determine what new computer hardware or software might benefit the students. The benefit of additional technology is often discussed in meetings and then acted on. To my knowledge, I am not aware of an active district MTAC committee that communicates with Whitaker School. Currently, Whitaker School has a partnership with Granville Community College in relation to their GED program. Additionally, Whitaker has a contract with UNC Psychological and Social Work departments and the Center for Developmental Learning, which provides educational and psychological testing for our students. OES also has a contract with PLATO learning systems which provides remedial credit recovery for our students.

**Leadership will guide innovation in NC public schools.  
Strategic Technology Plan**

Include at least one strategy or objective that includes the following:

1. Leadership enabling teaching and learning collaborative projects
2. Media and Technology Advisory Committee
3. Leadership communication tools and venues
4. Leadership created professional growth opportunities
5. Partnerships
6. Process for addressing ongoing change

Strategy	Resources Needed (Human & Material)	Person(s) Responsible	Budget Needs	Funding Sources	Time-line (Proposed Beginning & Ending dates)	Method of Evaluation
Objective 1.1: To ensure that collaborative, teaching and learning activities will occur.						
1.11 The technology team will work with teachers to ensure that they have the opportunity to connect with others in order to facilitate new technological resources.	Learning Centers. Technology Team Teachers	Technology team. Classroom teachers.	As needed	State/Federal (erate)	Beginning September 2008  Ending May 2013	Teacher Feedback
Objective 2.1: To create a media and technology advisory team.						
2.11 The technology team will identify members of the community with knowledge of technology to advise the team on issues of interest.	Technology Team Community Stake holders	Technology team. Teachers. Community Stake holders.	As needed	State/Federal (erate)	Beginning September 2008  Ending May 2013	Evaluation and feedback from stakeholders.

Objective 3.1: Whitaker School will improve the school web site. Access to the web site will be provided to community stakeholders.						
3.11 The technology team will meet to discuss web site material and expand the web site.	Web manager	Technology team. Teachers. Community Stake holders.	Use of previous objective's funds.	State/Federal	Beginning September 2008  Ending May 2013	Evaluation and feedback from stakeholders
Objective 5: Whitaker School will expand the level of partnership with communities.						
The technology team will discuss ways of improving and or expanding community partnerships with Whitaker School.	Technology Team Community Partners	Technology Team	Per need basis.	State/ Federal	Beginning September 2008  Ending May 2013	Evaluation and feedback from stakeholders
Objective 6.1: Whitaker School will assess current and potentially appropriate changes in technology.						
6.11 The technology team will discuss ways of appropriately utilizing new advances in technology.	Technology Team Public Relations Specialist	Technology Team	Per need basis.	State/ Federal	Beginning September 2008  Ending May 2013	Evaluation from the technology team.
Objective 4.1: To ensure that students and teachers have appropriate and necessary access to the Internet and computer files.						
4.11 The technology team will create a policy and procedure for students and teachers in their ability to access the Internet and appropriate computer files.	Technology team Teachers Students	Technology Team	NA	NA	Beginning September 2008  Ending May 2013	Technology team will evaluate the policy and procedure through observation and student and teacher feedback.

**NC public schools will be governed and supported by 21st Century systems.  
Current Situation Narrative**

Currently, all technology structure, development, supports, and upgrading is handled by an IT department at Central Regional Hospital. WAN access comes through Central Regional Hospital. Recently they have acquired an additional router. This upgrade will result in increased bandwidth for the entire campus to include Whitaker School's connectivity. CRH computer services continue to explore other avenues to further increase bandwidth and networking capabilities. Instructional materials and techniques are researched by classroom teachers and supported by the CRH IT Department. Additional technological support is available from the Departments Division of Information Resource Management (DIRM), the Office of Educational Services (OES), and Information Technology Services (ITS) as needed. Technology funds are subsidized by federal funds (IDEA) and e-rate discounts. These savings are earmarked for meeting technological objectives. At this time, Whitaker School has had the financial resources to meet technological hardware needs. However, a great deal of hardware procurement is dependent on continued availability of ERATE discounts. With current changes in the ERATE program, we will see a decrease in the available funding for technological purchases.

At this time Whitaker School is in the process of reconfiguring classrooms and infrastructure to include new classrooms and computer labs, and phone system. These changes are the result of a recent reorganization and a renovation of Whitaker's infrastructure. Currently, Whitaker School does have a new video camera security system as well as an internet filter system. The Office of Educational Services is in the process of implementing the NCWISE system for all facility schools. Policies and procedures for computer use do exist for staff members. Policies and procedures for student use will continue to be developed while a system for student use is created. There is sufficient hardware available for computer instruction in the classroom setting. Plans are in place to segregate classroom computers on a separate LAN and router port

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Strategic Technology Plan**

Include at least one strategy or objective that includes the following:

1. Policy and policy management
2. Budget
3. Personnel
4. Security
5. Administrative Applications
6. Hardware
7. Infrastructure-School Local Area Networks and District Wide Area Networks
8. Communication and collaboration tools

Strategy	Resources Needed (Human & Material)	Person(s) Responsible	Budget Needs	Funding Sources	Time-line (Proposed Beginning & Ending dates)	Method of Evaluation
Objective 1.1: To determine if current technological policies are appropriate.						
1.11 The technology team will review technology policies on a regular basis to determine appropriateness.	Technology team. Teachers Management and Clinical team.	Technology team	NA	NA	Beginning June, 2008  Ending May, 2013	Technology team review and feedback from teachers and incident reports.
Objective 2.1: To ensure that funds are appropriately allocated to facilitate use of educational technologies.						
2.11 The technology team will create a budget and policies that identify how students can safely use the internet.	Technical support personnel. High speed Internet Access. Security filter system.	Technology Coordinator. Technology Team.	\$1000	Federal/State erate	Beginning June, 2008  Ending May, 2013	Teacher evaluation of budget expenditures.  Purchase orders.
Objective 3.1: Teachers will be trained in effective and efficient uses of technology.						
3.11 Provide professional development in using technology effectively and efficiently.	In-house trainer and or provisions for teachers to attend training sessions.	Technology team.	Fund usage from previous objectives.	State/Federal	Beginning September, 2008  Ending May, 2013	Trainer/Teacher evaluation

Objective 4.1: Teachers will be trained in aspects of technological security.						
4.11 Provide professional development in using technology securely.	In-house trainer and or provisions for teachers to attend training sessions.	Technology team.	Fund usage from previous objectives.	State/Federal	Beginning September, 2008  Ending May, 2013	Trainer/Teacher evaluation
Objective 5.1: To improve effective administrative uses of technology						
5.11 The technology team will discuss current and potentially more effective methods for administrative uses of technology. The technology team will implement those new methods deemed necessary.	Technology Team Administrators Technological upgrades.	Technology Team	As needed.	State/Federal	Beginning September, 2008  Ending May, 2013	Administrator, technology team evaluation.
Objective 6.1: To allow student internet access.						
6.11 The Technology Coordinator will install/maintain necessary computer hardware in order for student to use the internet.	Technical support personnel. High speed Internet Access. Security filter system.	Technology Coordinator. Technology Team	Funded above	Funded above	Beginning June, 2008  Ending May, 2013	Teacher evaluation of student performance.
Objective 7.1: To improve the school technology infrastructure.						
7.11 The technology team in conjunction with CRH IT and construction personnel, will improve the effectiveness and ability of students, and staff to utilize technology.	Technical support personnel. Technology Team Administrators	Technology Team	Fund usage from previous objectives	State/Federal	Beginning June, 2008  Ending May, 2013	Administrator, technology team evaluation.

Appendix A

Whitaker School Technology Plan  
Policy, Procedure, & Guidelines Implementation Chart

<p><b>Policies, Procedures, &amp; Guidelines</b> (Policies should be translated into predominant languages of students and parents)</p>	<p><b>LEA Policy Code or Procedure</b></p>	<p><b>LEA Date of Adoption, Implementation or Revision</b></p>
<b>Policies Required</b>		
A. Materials Selection Policy (GS §115c-98(b))	School Policy	7/28/05
B. Disposal of Equipment / Replacement of Obsolete Equipment (GS §115c-518)	School Policy	7/28/05
C. Hardware and Software Procurement (GS § 115c-522, 115c-522.1)	School Policy	7/28/05
D. Copyright Policy (PL §94-553, 90 Stat. 2541)	School Policy	7/28/05
E. Acceptable Use Policy (PL §106-554)	School Policy	7/28/05
F. Equipment/Materials Donation Policy (GS §115C-518)	School Policy	7/28/05
G. Data Privacy Policy (20 U.S.C. § 1232g; 34 CFR Part 99 (FERPA))	School Policy	7/28/05
H. Inventory Control Policy (GS §115c-539, 115c-102.6A-C(5))	School Policy	7/28/05
I. Access to Services Policy (GS §115c-106)	School Policy	7/28/05
J. Student Discipline and Liability Policy (GS § 115C-391, 115C-398)	School Policy	7/28/05
K. Remote Access Policy (GS §147-33.111)	School Policy	7/28/05
L. Virus Protection Policy (GS §147-33.111)	School Policy	7/28/05
M. NC WISE ID and Password Workstation Policy (GS § 147-33.111)	School Policy	7/28/05
N. Security Awareness Policy (GS §147-33.111)	School Policy	7/28/05
O. Network Security Policy (SBE EEO-C-018, SB 991, 2004)	School Policy	7/28/05
P. Advertising and Commercialism Policy (GS §115c-98)	School Policy	7/28/05
<b>Procedures</b>		
A. Hardware and Software Deployment	School Procedures	7/28/05
B. Equipment maintenance and repairs	School Procedures	7/28/05
C. Outdated Resources and Equipment Replacement	School Procedures	7/28/05
D. Disaster Recovery of Data and Hardware	School Procedures	7/28/05
E. Administration of Online Courses	School Procedures	7/28/05
F. Other(s) (as needed by LEA)		
<b>Guidelines</b>		
A. Policy Translation	School Guidelines	7/28/05
B. Web Site Development	School Guidelines	7/28/05
C. Instructional Use of Videos	School Guidelines	7/28/05
D. Development of Online Resources	School Guidelines	7/28/05
E. Other(s) (as needed by LEA)		

## Appendix B

### The Technology Plan Budget

LEAs will be required to submit a two-part budget on or before November 1 of each year. Part one will consist of a working budget for the current year. Data needed for input in the spreadsheet include:

- Item
- Type
- Per Unit Cost
- Number of Units Purchased
- Total Annual Unit Cost
- Erate %
- Lease Cycle
- Primary Funding (drop-down menu provided)
- Secondary Funding (drop-down menu provided)
- Primary Goal (drop-down menu provided)
- Secondary Goal (drop-down menu provided)
- Primary User (drop-down menu provided)
- Secondary User (drop-down menu provided)

Part two will include the same components as a projected budget for the following school year.

The budget spreadsheet is available for download from <http://etips.dpi.state.nc.us/techplan0913/default.html>.

Appendix C  
Network Diagram