

**ATHENS CITY SCHOOLS**  
**Technology Plan**  
**2007-2010**

**Stakeholders were asked to develop a comprehensive district technology plan that will help our students become technology literate and prepare them for future success.**

**Dr. Craig Rigell, Director of Schools**  
**Mrs. Becky Simpson, Supervisor of Instruction**  
**Mr. Joe Littleton, Parent**  
**Mrs. Doris Oliver, Instructional Assistant**  
**Mr. Chris Liner, Parent/School Board Member**  
**Mrs. Chrissi McConkey, Teacher**  
**Mrs. Pam Thigpen, Music Teacher**  
**Mr. Ed Constant, IT Technician**  
**Mrs. Janey Morris, Pre-School Principal**  
**Mr. Ben Cantrell, Teacher**

**Mrs. Dottie Stout, Technology Coordinator**  
**Mrs. Dianna Calfee, Supervisor of Special Education**  
**Mrs. Deb Clendenen, School Secretary/Parent**  
**Mrs. Jill McDonald, Teacher**  
**Mrs. Kendra Johnson, Teacher**  
**Mr. Rodney Biddle, Parent**  
**Mrs. Betty Powers, Technology Assistant**  
**Mr. John Dyer, IT Technician**  
**Mrs. Melody Finley, Parent**  
**Mr. Travis Tuggle, Teacher**

**GOAL: To provide and implement the use of high-quality technology to enhance the educational experience of all students in the Athens City School System**

<b>2007 – 2008</b>	<b>2008 – 2009</b>	<b>2009 – 2010</b>
<p><b>Objective:</b></p> <p><b>1.</b> Local area networks will provide fast and efficient access to server-based software, shared files, and the Internet. Title II D and E-rate funds will be used to supplement local/BEP funds in an effort to achieve the strategies developed for this objective.</p> <p><b>Strategies:</b></p> <p><b>a.</b> All classrooms at all schools will have a minimum of four networked, internet-accessible computers for student use. The few remaining classrooms in the system that are not fully equipped will be given priority this year. All current classroom computers will be evaluated and upgraded/replaced as needed as funds are made available.</p> <p><b>b.</b> All equipment will be kept in a state of good repair and upgraded or replaced as needed. One district level IT</p>	<p><b>Objective:</b></p> <p><b>1.</b> Local area networks will continue to provide fast and efficient access to server-based software, shared files, and the Internet. Title II D and E-rate funds will continue to be used to supplement local/BEP funds in an effort to achieve the strategies developed for this objective.</p> <p><b>Strategies:</b></p> <p><b>a.</b> All classrooms at all schools will have a minimum of four networked, internet-accessible computers for student use. Priority will be given this year to remaining classrooms that are not fully equipped. All current classroom computers will continue to be evaluated and upgraded/ replaced as needed as funds are made available.</p> <p><b>b.</b> All equipment will continue to be kept in a state of good repair and upgraded or replaced as needed. One</p>	<p><b>Objective:</b></p> <p><b>1.</b> Local area networks will continue to provide fast and efficient access to server-based software, shared files, and the Internet. Title II D and E-rate funds will continue to be used to supplement local/BEP funds in an effort to achieve the strategies developed for this objective.</p> <p><b>Strategies:</b></p> <p><b>a.</b> 100% of all classrooms at all schools will have a minimum of four networked, internet-accessible computers for student use. All classroom computers will continue to be evaluated and upgraded/ replaced as needed as funds are made available.</p> <p><b>b.</b> All equipment will continue to be kept in a state of good repair and upgraded or replaced as needed. One</p>

<p>technician will be employed for every 500 computers. In addition to services provided by the system's IT technician(s), outside assistance will be made available when necessary.</p> <p><b>c.</b> The IT department will maintain a database of all computers, including file servers. Using IT department records and observations as well as teacher feedback, all equipment will be evaluated annually and upgraded or replaced as needed to provide fast and efficient access to networked software, shared files and the internet. An on-line system for requesting technical assistance will be developed and tested.</p> <p><b>d.</b> All networking equipment, including switches and routers, will be maintained to provide fast and efficient connection to the Internet.</p> <p><b>e.</b> Network cabling will be maintained and replaced as needed to ensure all network-delivered services are fast and efficient. Wireless access will be made available at 50% of all sites. Fiber will provide internet access at all sites, with bandwidth monitored regularly by the IT department. Upgrades will be implemented when deemed appropriate. Title II D and E-Rate funds will be used to supplement local/BEP funds to provide internet access.</p> <p><b>f.</b> Networked academic software and its usage for remediation and acceleration will be evaluated and updated/replaced as needed. Network</p>	<p>district level IT technician will continue to be employed for every 500 computers. In addition to services provided by the system's IT technician(s), outside assistance will continue to be made available when necessary.</p> <p><b>c.</b> The IT department will continue to maintain a database of all computers, including file servers. Using IT department records and observations, as well as teacher feedback, all equipment will continue to be evaluated annually and upgraded or replaced as needed to provide fast and efficient access to networked software, shared files and the internet. Based on successful testing from the previous year, the on-line system for requesting technical assistance will be implemented.</p> <p><b>d.</b> All networking equipment, including switches and routers, will continue to be maintained to provide fast and efficient connection to the Internet.</p> <p><b>e.</b> Network cabling will continue to be maintained and replaced as needed to ensure all network-delivered services are fast and efficient. Wireless access will be made available at 75% of all sites. Fiber will continue to provide internet access at all sites, with bandwidth monitored regularly by the IT department. Upgrades will be implemented when deemed appropriate. Title II D and E-Rate funds will continue to be used to supplement local/BEP funds to provide internet access.</p> <p><b>f.</b> Networked academic software and its usage for remediation and acceleration will continue to be evaluated and updated/replaced as needed. Network</p>	<p>district level IT technician will continue to be employed for every 500 computers. In addition to services provided by the system's IT technician(s), outside assistance will continue to be made available when necessary.</p> <p><b>c.</b> The IT department will continue to maintain a database of all computers, including file servers. Using IT department records and observations, as well as teacher feedback, all equipment will continue to be evaluated annually and upgraded or replaced as needed to provide fast and efficient access to networked software, shared files and the internet. The on-line system for requesting technical assistance will continue to be implemented.</p> <p><b>d.</b> All networking equipment, including switches and routers, will continue to be maintained to provide fast and efficient connection to the Internet.</p> <p><b>e.</b> Network cabling will continue to be maintained and replaced as needed to ensure all network-delivered services are fast and efficient. Wireless access will be made available at 100 % of all sites. Fiber will continue to provide internet access at all sites, with bandwidth monitored regularly by the IT department. Upgrades will be implemented when deemed appropriate. Title II D and E-Rate funds will continue to be used to supplement local/BEP funds to provide internet access.</p> <p><b>f.</b> Networked academic software and its usage for remediation and acceleration will continue to be evaluated and updated/replaced as needed. Network</p>
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software will be kept consistent between the two primary schools (City Park School and Ingleside School) and the two intermediate schools (North City School and Westside School), as well as in the transition between schools for grades 3 and 4 and grades 6 and 7.

- g.** Implementation of new technologies, including assistive technologies, both hardware and software, will be evaluated.

**Objective:**

- 2.** Teachers will become more proficient in the use and integration of technology. By the end of the 2007-2008 school year it is anticipated that no fewer than 45% of our staff will be effectively integrating technology into their daily curriculum. The Technology in Education Survey System (TESS), an end of year on-line survey, will be conducted to determine progress made. Title II D and E-rate funds will be used to supplement local/BEP funds in an effort to achieve the strategies developed for this objective.

**Strategies:**

- a.** 100% of all teachers are provided a computer and printer for their use in the classroom. Additional purchases will be made to accommodate new teachers as needed. All equipment is evaluated on a regular basis by the IT Department and upgraded/replaced on an as-needed basis.

academic software purchases will be kept consistent between the two primary schools (City Park and Ingleside) and the two intermediate schools (North City and Westside), as well as in the transition between schools for grades 3 and 4 and grades 6 and 7 when appropriate.

- g.** Based upon previous year's evaluations, new technologies, including assistive technologies, both hardware and software, will implemented when deemed appropriate. New technologies will continue to be evaluated.

**Objective:**

- 2.** Teachers will continue to become more proficient in the use and integration of technology. By the end of the 2008-2009 school year it is anticipated that no fewer than 55% of our staff will be effectively integrating technology into their daily curriculum. An end of year on-line survey (TESS) will be conducted to determine progress made. Title II D and E-rate funds will continue to be used to supplement local/BEP funds in an effort to achieve the strategies developed for this objective.

**Strategies:**

- a.** Evaluation by the IT Department of teacher equipment will continue on a regular basis, with upgrades and replacements provided as needed. Consideration will be given to providing teachers a choice between desktop and laptop models.

academic software purchases will be kept consistent between the two primary schools (City Park and Ingleside) and the two intermediate schools (North City and Westside), as well as in the transition between schools for grades 3 and 4 and grades 6 and 7 when appropriate.

- g.** Based upon previous year's evaluations, new technologies, including assistive technologies, both hardware and software, will implemented when deemed appropriate. New technologies will continue to be evaluated.

**Objective:**

- 2.** Teachers will continue to become more proficient in the use and integration of technology. By the end of the 2009-2010 school year it is anticipated that no fewer than 65% of our staff will be effectively integrating technology into their daily curriculum. An end of year on-line survey (TESS) will be conducted to determine progress made. Title II D and E-rate funds will continue to be used to supplement local/BEP funds in an effort to achieve the strategies developed for this objective.

**Strategies:**

- a.** Evaluation by the IT Department of teacher equipment will continue on a regular basis, with upgrades and replacements provided as needed. Consideration will be given to providing teachers a choice between desktop and laptop models.

<p><b>b.</b> Teachers will be provided necessary productivity software, which will be kept consistent throughout the school system. Training will be provided by the IT Department on new software upon request.</p> <p><b>c.</b> 100% of all classrooms are equipped with a multimedia presentation station that includes a presentation device, computer, printer and playback device. 20% of the classrooms have newer presentation technologies. Purchases will be made to equip new classrooms as they are added.</p> <p><b>d.</b> The 30 computers in the computer lab at Athens Junior High School are new as of the 2006-2007 school year. These units will be evaluated regularly and upgraded/replaced as needed. The lab will be made available upon request for training/staff development. It will also be made available for parent involvement activities.</p> <p><b>e.</b> A study will be made to determine the feasibility of creating a fulltime 10-month technology position at each school. The position will be that of a facilitator whose primary responsibility will be assisting teachers with the use of available technology and its integration into the curriculum.</p> <p><b>f.</b> Implementation of new technologies, including assistive technologies, both hardware and software, will be evaluated.</p> <p><b>g.</b> IT staff will receive training as needed on the use of both new and existing hardware and software and will in turn provide</p>	<p><b>b.</b> Teachers will continue to be provided necessary productivity software, which will be kept consistent throughout the school system. Training will be provided by the IT Department on new software upon request.</p> <p><b>c.</b> Presentation stations will be evaluated on a regular basis and components replaced as needed. Outdated units will be replaced by new technologies now available.</p> <p><b>d.</b> The equipment in the computer lab at Athens Junior High School will continue to be evaluated regularly and upgraded as needed. It will continue to be made available upon request for training/staff development and for parent involvement activities.</p> <p><b>e.</b> If the results of the feasibility study for a fulltime technology facilitator are positive, with School Board approval, one position will be created each year until all schools are staffed.</p> <p><b>f.</b> Based upon previous year's evaluations, new technologies, including assistive technologies, both hardware and software, will implemented when deemed appropriate. New technologies will continue to be evaluated.</p> <p><b>g.</b> IT staff will continue to provide training/staff development for teachers and other personnel on a regular basis. Training/</p>	<p><b>b.</b> Teachers will continue to be provided necessary productivity software, which will be kept consistent throughout the school system. Training will be provided by the IT Department on new software upon request.</p> <p><b>c.</b> Presentation stations will continue to be evaluated on a regular basis and components replaced as needed. Outdated units will be replaced by new technologies now available.</p> <p><b>d.</b> The equipment in the computer lab at Athens Junior High School will continue to be evaluated regularly and upgraded as needed. It will continue to be made available upon request for training/staff development and for parent involvement activities.</p> <p><b>e.</b> If the position of technology facilitator is approved, one additional position will be filled each year.</p> <p><b>f.</b> Based upon previous year's evaluations, new technologies, including assistive technologies, both hardware and software, will implemented when deemed appropriate. New technologies will continue to be evaluated.</p> <p><b>g.</b> IT staff will continue to provide training/staff development for teachers and other personnel on a regular basis. Training/</p>
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training/staff development for teachers and other personnel on a regular basis. Training/ staff development will take place on regular staff in-service days, after school, in the summer, and during staff planning times upon request.

**Objective:**

- 3. Student academic achievement will be improved through effective integration of technology.

**Strategies:**

- a. With the direction of the Supervisor of Curriculum and Instruction, teachers will develop a technology curriculum for all grade levels. Teachers will be selected to participate in the development of the curriculum and begin the process.

**Objective:**

- 4. Internet accessibility will be made available to all students who have parent/guardian permission, as well as to all administrators, faculty and other staff.

**Strategies:**

- a. Fiber connections at all sites will be maintained and upgraded when necessary as determined by professional technology staff.
- b. In compliance with the Children’s Internet Protection Act, firewalls/filters will be maintained at each site to reduce the risk of access to inappropriate information.
- c. All students will be required to

staff development will take place on regular staff in-service days, after school, in the summer, and during staff planning times upon request.

**Objective:**

- 3. Student academic achievement will continue to be improved through effective integration of technology.

**Strategies:**

- a. Using the Tennessee State Curriculum Guidelines, participating K-1 teachers will identify needs and establish goals for grades K-1 students and develop strategies to meet those goals.

**Objective:**

- 4. Internet accessibility will continue to be made available to all students who have parent/guardian permission, as well as to all administrators, faculty and other staff.

**Strategies:**

- a. Fiber connections at all sites will continue to be maintained and upgraded when necessary as determined by professional technology staff.
- b. In compliance with the Children’s Internet Protection Act, firewalls/filters will be maintained at each site to reduce the risk of access to inappropriate information.
- c. All students will be required to

staff development will take place on regular staff in-service days, after school, in the summer, and during staff planning times upon request.

**Objective:**

- 3. Student academic achievement will continue to be improved through effective integration of technology.

**Strategies:**

- a. K-1 technology curriculum will be implemented.
- b. Using the Tennessee State Curriculum Guidelines, participating second and third-grade teachers will identify needs and establish goals for second and third -grade students and develop strategies to meet those goals.

**Objective:**

- 4. Internet accessibility will continue to be made available to all students who have parent/guardian permission, as well as to all administrators, faculty and other staff.

**Strategies:**

- a. Fiber connections at all sites will continue to be maintained and upgraded when necessary as determined by professional technology staff.
- b. In compliance with the Children’s Internet Protection Act, firewalls/filters will be maintained at each site to reduce the risk of access to inappropriate information.
- c. All students will be required to

have on file a signed copy of the system's Acceptable Use Policy (AUP) before being allowed any Internet access; all students will be supervised during Internet use.

- d. E-Mail accounts will be provided for administrators, faculty and other staff. No use of personal e-mail accounts will be allowed. No student e-mail access will be allowed.
- e. All administrative computers will be evaluated on a regular basis and upgraded/replaced as necessary to provide consistent fast and efficient Internet access.
- f. All media centers are equipped with at least four computers with Internet access. These computers will be evaluated on a regular basis and upgraded/replaced as necessary to provide consistent fast and efficient Internet access.
- g. With a few exceptions, all classrooms are equipped with at least four computers with Internet access. Purchases will be made to equip those remaining classrooms. Current classroom computers will be evaluated on a regular basis and upgraded/replaced as needed.
- h. Training/staff development in Internet usage will be provided on an as needed/requested basis by IT staff.

**Objective:**

- 5. All libraries will remain fully automated.

**Strategies:**

- a. Media Specialists' hardware for tracking books will be

have on file a signed copy of the system's AUP before being allowed any Internet access; all students will be supervised during Internet use.

- d. E-Mail accounts will be provided for administrators, faculty and other staff. No use of personal e-mail accounts will be allowed. No student e-mail access will be allowed.
- e. All administrative computers will continue to be evaluated on a regular basis and upgraded/replaced as necessary to provide consistent fast and efficient Internet access.
- f. All media center computers will continue to be evaluated on a regular basis and upgraded/replaced as necessary to provide consistent fast and efficient Internet access.
- g. Purchases will continue to be made to equip remaining classrooms with a minimum of four computers with Internet access. Current classroom computers will continue to be evaluated on a regular basis and upgraded/replaced as needed.
- h. Training/staff development in Internet usage will continue to be provided on an as needed/requested basis by IT staff.

**Objective:**

- 5. All libraries will remain fully automated.

**Strategies:**

- a. Media Specialists' hardware for tracking books will be

have on file a signed copy of the system's AUP before being allowed any Internet access; all students will be supervised during Internet use.

- d. E-Mail accounts will be provided for administrators, faculty and other staff. No use of personal e-mail accounts will be allowed. No student e-mail access will be allowed.
- e. All administrative computers will continue to be evaluated on a regular basis and upgraded/replaced as necessary to provide consistent fast and efficient Internet access.
- f. All media center computers will continue to be evaluated on a regular basis and upgraded/replaced as necessary to provide consistent fast and efficient Internet access.
- g. 100% of all classrooms will be equipped with a minimum of four computers with Internet access. Classroom computers will continue to be evaluated on a regular basis and upgraded/replaced as needed.
- h. Training/staff development in Internet usage will continue to be provided on an as needed/requested basis by IT staff.

**Objective:**

- 5. All libraries will remain fully automated.

**Strategies:**

- a. Media Specialists' hardware for tracking books will be

upgraded/replaced as needed to provide fast and efficient service.

- b.** Circulation software will be upgraded on a regular basis as vendor upgrades are released.
- c.** New media center technologies will be evaluated and implemented when deemed appropriate.

**Objective:**

- 6.** The Athens City School System will continue to maintain a presence on the World Wide Web.

**Strategies:**

- a.** The IT Department will be responsible for maintaining the Athens City School System website.
- b.** IT staff will develop and regularly update the district pages for the website.
- c.** Each individual school will be responsible for developing and maintaining its own pages on the website.
- d.** Student pictures will be published only in groups and with written parent/guardian permission. Permission forms will be provided by the technology office and signed by the Director of Schools. No student names will be published with pictures.

**Objective:**

- 7.** Parent / Community involvement will be a regular part of the technology program.

**Strategies:**

- a.** School newsletters will include

upgraded/replaced as needed to provide fast and efficient service.

- b.** Circulation software will be upgraded on a regular basis as vendor upgrades are released.
- c.** New media center technologies will be evaluated and implemented when deemed appropriate.

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**Objective:**

- 7.** Parent / Community involvement will be a regular part of the technology program.

**Strategies:**

- a.** School newsletters will

<p>regular technology updates.</p> <ul style="list-style-type: none"><li><b>b.</b> PTA meetings will include technology demonstrations by students and faculty.</li><li><b>c.</b> Local newspaper coverage of accomplishments, special events, etc. will be used to keep the community informed.</li><li><b>d.</b> Athens City Schools will continue to use School Cast, an on-line rapid notification system for instant notification of emergency situations, school closings, etc., as well as announcements for upcoming events, to provide direct communication between parents and schools.</li></ul>	<p>continue to include regular technology updates.</p> <ul style="list-style-type: none"><li><b>b.</b> PTA meetings will continue to include technology demonstrations by students and faculty.</li><li><b>c.</b> Local newspaper coverage of accomplishments, special events, etc. will continue to be used to keep the community informed.</li><li><b>d.</b> Athens City Schools will continue to use School Cast to provide direct communication between parents and schools.</li></ul>	<p>continue to include regular technology updates.</p> <ul style="list-style-type: none"><li><b>b.</b> PTA meetings will continue to include technology demonstrations by students and faculty.</li><li><b>c.</b> Local newspaper coverage of accomplishments, special events, etc. will continue to be used to keep the community informed.</li><li><b>d.</b> Athens City Schools will continue to use School Cast to provide direct communication between parents and schools.</li></ul>
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