

Technology Plan

2006-2009 Timeline

I. Student Achievement: Students will be able to access, evaluate, and utilize information, communicate effectively, and be productive in a global society.

Recommendations	Strategies/Procedures	Responsibility
<p><i>Integrate technology standards and benchmarks during curriculum review process, linking them to student achievement goals in specific areas.</i></p>	<ul style="list-style-type: none"> • Revise existing technology benchmarks so that staff has to assess 4 – 5 per student. • Provide benchmarks to curriculum review chairs • Integrate Tech benchmarks onto the report cards/PowerSchool • Develop grade/subject level web pages for students/staff/parents. • Include staff development/technology in curriculum review implementation plans • Encourage cooperative planning between teachers, tech team, and media specialists to develop activities that incorporate technology benchmarks • Provide additional time so that tech team may be involved in technology staff development 	<p>Tech Team</p> <p>Curriculum Chairs</p> <p>Admin Team</p>
<p><i>Focus technology staff development efforts on models for integrating technology into curriculum using the curriculum review cycle as a planning guide.</i></p>	<ul style="list-style-type: none"> • Technology staff development personnel will meet with coordinators of areas in the second year of curriculum review to begin developing training plans • Technology staff development personnel will work with coordinators to design appropriate templates and instructional materials, and offer workshops, model teaching, etc., to meet the goal of integrating benchmarks • Training will be offered in a variety of modes and sites to accommodate staff needs 	<p>Tech Team</p> <p>SI Team</p> <p>Curriculum Chairs</p>
<p><i>Develop a diverse process to formally and informally evaluate students' achievement as they use technology to meet curricular goals.</i></p>	<ul style="list-style-type: none"> • Determine key concepts, skills to be assessed • Document use of technology in curriculum • Continue use of student self-evaluation • Pilot information literacy assessments • Pilot electronic/web page evaluation tools 	<p>Tech Team</p> <p>Media Personnel</p> <p>Admin</p>
<p><i>Merge building technology plans into building improvement plan.</i></p>	<ul style="list-style-type: none"> • Require one-page summary of building technology goals prior to distribution of tech funds 	<p>Tech Team</p>

Recommendations	Strategies/Procedures	Responsibility
<p><i>Identify, share and support best practices in technology integration, linking them to student achievement goals in specific curriculum areas.</i></p>	<ul style="list-style-type: none"> • Examine best practices involving technology in each area's curriculum review • Support and share model technology integration projects • Support teacher and coordinator attendance at conferences and workshops with strong curriculum/technology focus • Ask principals and coordinators to help in identifying staff who have developed technology integration projects which should be replicated • Established a process for instructional software review 	<p>Tech Team Admin Team</p>

II. Information Management: The district will develop a comprehensive, easy-to-use data management system that can provide decision-makers and parents with a reliable, up-to-date district information when needed.

Recommendations	Strategies/Procedures	Responsibility
<p><i>Pre-K through twelve data management plan for student information.</i></p>	<ul style="list-style-type: none"> • Continue implementation of the PowerSchool data system for District • Provide training and staff development • Provide for technical support • Conduct regular audits to help ensure reliability • Establish a <i>feedback/evaluation/modification loop</i> 	<p>Tech Team Secretarial Staff Admin Team</p>
<p><i>Develop an operations or ancillary services database management system.</i></p>	<ul style="list-style-type: none"> • Identify critical services to be addressed, i.e. purchase orders, inventory, work orders, facilities, etc. • Identify core data pieces required for each identified service • Research a data management system to provide for identified needs • Assure interoperability with other databases • Implement on a prioritized schedule • Provide training and staff development • Provide for technical support • Conduct regular audits to help ensure reliability • Establish a <i>feedback/evaluation/modification loop</i> 	<p>Tech Team Secretarial Staff Admin Team Central Office Staff</p>
<p><i>Develop the capability for all databases to work together.</i></p>	<ul style="list-style-type: none"> • Provide access to all decision-makers throughout the district. • Provide training and staff development. • Provide for technical support. • Conduct regular audits to help ensure reliability 	<p>Tech Team</p>

Recommendations	Strategies/Procedures	Responsibility
<p><i>Adopt a tool to help drive student achievement and advance school improvement at the building and classroom level.</i></p>	<ul style="list-style-type: none"> • Research appropriate software • Define essential attributes • Adopt the "best fit" tool from the pilot projects • Establish a schedule that will lead to district-wide implementation • Provide training and staff development • Provide for technical support • Conduct regular audits to help ensure reliability • Establish a feedback/evaluation/modification loop 	<p>SI Team</p> <p>Tech Team</p> <p>Secretarial Staff</p> <p>Admin Team</p> <p>Central Office Staff</p>

III. Technology Resources: Students and staff will have adequate and convenient access to technology resources appropriate to their educational needs.

Recommendations	Strategies/Procedures	Responsibility
<p><i>Establish and implement a five-year technology replacement schedule.</i></p>	<ul style="list-style-type: none"> • Needs identified in curriculum review and building technology goals • Developmental needs and sophistication of users • Different types of replacement cycles (e.g. replacing all computers in a building at one time rather than a few per building each cycle) • Computer specifications when purchasing, based on usage data (i.e. floppy/hard drive storage, RAM, video display capabilities) • Lab vs. classroom computer configurations, based on usage data • Wired vs. wireless computers • Desktop vs. portable computer • Computer platform, based on needs • Infrastructure, technical support, and facility constraints • Technologies other than computers (e.g. video, audio). • Alternative equipment acquisition (e.g. leasing, reconditioned) • District collection of portable computers for loan to schools 	<p>Tech Team</p> <p>Admin Team</p>

Recommendations	Strategies/Procedures	Responsibility
<i>Develop a process for identifying additional and/or innovative technologies</i>	<ul style="list-style-type: none"> • Best practices as identified by curriculum areas • Pilot projects consistent with curricular considerations, compatible with existing network structure, and known costs. • Needs identified in curriculum review and in building technology goals • Developmental needs and sophistication of users • Technologies other than computers (e.g. video, audio) • Computer specifications when purchasing, based on usage data (i.e. floppy/hard drive storage, RAM, video display capabilities) • Infrastructure, technical support, and facility constraints. 	<p>Tech Team</p> <p>Admin Team</p> <p>SI Team</p>
<i>Provide a comprehensive staff development program to assure that all district staff has ample and diverse opportunities to improve technology skills.</i>	<ul style="list-style-type: none"> • Continue offering workshops for all staff both at district and in buildings, during school and in the summer • Explore online training options • Assess staff technology competencies periodically • Continue tech mentor program 	<p>Tech Team</p> <p>Admin Team</p>
<i>Improve telephone/communication technologies.</i>	<ul style="list-style-type: none"> • Increase access to and improve telephone systems • Consider alternative voice communication systems (e.g. messaging, bulletin boards, homework lines.) • Promote home/ school connections via Internet services, Channel 11 (Educational Television) and other means 	<p>Tech Team</p> <p>Admin Team</p> <p>Operations Staff</p>
<i>Provide appropriate access to technology resources outside the school day and/or remotely.</i>	<ul style="list-style-type: none"> • Determine inventory, infrastructure, staff, and security constraints or parameters. • Investigate and set parameters for checkout of computers and other equipment by students. • Promote and support extended hours for labs and libraries. • Identify and provide remote access to resources (e.g. web-based databases). • Improve web-based e-mail for staff 	<p>Tech Team</p>
<i>Develop and monitor a comprehensive schedule for replacement/upgrade of all network technology.</i>	<ul style="list-style-type: none"> • Monitor WAN, LAN, and utilization levels • Evaluate impact of new resources as implemented • Consult with building level tech teams and curriculum course review members to study how infusion of technology will require new hardware/software • Assess for best placement in a new location when new equipment replaces other that may still be useful 	<p>Tech Team</p> <p>SI Team</p> <p>Admin Team</p>

Recommendations	Strategies/Procedures	Responsibility
<i>Continue offering reliable, accurate and timely information to students, staff and patrons via the network and World Wide Web</i>	<ul style="list-style-type: none"> • Upgrade infrastructure • Create intranet of district information • Redesign district site as needs require and to utilize new capabilities of web resources • Continue to train school webmasters for building sites. 	<p>Tech Team</p> <p>Core Technologies</p>
<i>Update, maintain and enforce district standards for supported hardware and software</i>	<ul style="list-style-type: none"> • Require coordination of all technology purchases • Use existing software approval process, modify if not functional. 	<p>Tech Team</p>
<i>Improve response time on tech support calls</i>	<ul style="list-style-type: none"> • Train staff and tech mentors • Use/train students for desktop repair 	<p>Tech Team</p> <p>HS PC Support Class</p>
<i>Develop, implement and communicate a technology support model</i>	<ul style="list-style-type: none"> • Survey for current level of satisfaction • Log all tech service request/repairs • Continue implementation of a web-base tech service request form • Outline and publicize tech support procedure 	<p>Tech Team</p>
<i>Continue to develop and monitor policies and procedures necessary to assure ethical and consistent use of technology across the district</i>	<ul style="list-style-type: none"> • Evaluate continued use of parent-signed acceptable use agreement • Publish periodic reminders of acceptable use to both staff and students • Develop a policy for gifts of technology 	<p>Tech Team</p>