

SCHOOL TECHNOLOGY PLAN

2000-2001 SCHOOL YEAR

VISION STATEMENT

Technology will touch the life of every student who attends our school by supporting and extending the learning that takes place in the classroom under teacher direction and beyond the classroom walls. As a tool for teaching and learning, technology will play a major role in preparing our students to be lifelong learners who use the world as their classroom to gather, disseminate, analyze, compare, and communicate information.

MISSION STATEMENT

It is our mission to

- support and implement the school district technology plan through our school planning process
- acquire hardware and software to make the educational process more efficient and effective for whole group, small group, and individual instruction and to allow access to and application of information beyond the classroom walls
- provide all students and faculty with access to all types of technologies available to the school
- provide extensive opportunities to teach students how to use technology in their learning, including applications for productivity, production, research and communication
- provide extensive opportunities for professional development (including in-classroom support and monitoring) in the areas of presentation technology, word processing, spreadsheets, databases, and all aspects of telecommunications

BUILDING LEVEL TECHNOLOGY PLAN

GOAL 1 AND OBJECTIVE 1.1

- National Goal:** All teachers in the nation will have the training and support they need to help students learn using computers and the information superhighway.
- State Goal:** The Department of Education and school divisions will establish training programs and incentives to enhance teaching and learning through the use of educational technology.
- Local Goal:** Provide staff development and support services in technology for all staff to support improvement of student achievement of the state core area standards.
- Identification of School Need:** A review of the school technology needs assessment by the technology committee in relation to the data on student achievement found that teachers were not using software purchased as instructional tools for English, science and social studies. Survey results indicate lack of expertise in the use of the software packages.
- School Objective:** Provide training and support to help staff integrate technology into the core area curriculum with emphasis on using it as a tool for improving student achievement in English, Science, and Social Studies.

Strategy/Activity for Meeting Objective	Resources Needed	Person Responsible	Time Line	Evidence of Implementation
<p>1. Provide on-site training in the use of multimedia applications and simulation software.</p>	<ul style="list-style-type: none"> • \$1,500 for teacher stipends for participation in two 3-hour after-school trainings. Funds will be taken from the school's allocation of district in-service funds. • \$250 fee for workshop trainer. Funds will come from the school discretionary fund. • Multimedia and simulation software (already purchased and loaded on school lab computers). 	<p>School technology contact will make arrangements with trainer, set workshop dates, and develop participant evaluation of the training.</p> <p>Principal will be responsible for notifying teachers and making financial arrangements.</p>	<p>Workshops to take place in September of 2001.</p>	<ul style="list-style-type: none"> • List of participants • Participant written evaluation of the training session
<p>2. Provide classroom support for the multimedia and simulation software training through a peer support system (partners sharing and observing use of skills learned in the workshop). Retrain based on needs identified through the peer support program.</p>	<ul style="list-style-type: none"> • \$1,000 for substitute teachers to cover classes during peer observations. Funds will come from the substitute teacher budget. • Detailed document of the peer support program structure and expectations. • Reporting forms used by peer support teams to record work. 	<p>School technology coordinator will develop and detail the peer support program.</p> <p>The school principal will establish a peer observation schedule and reporting form.</p> <p>All teachers will work on support teams.</p>	<p>Have the detailed peer support program ready for review with the faculty by Sept. 1, 2001.</p> <p>Observation schedule and sharing sessions to start immediately after September workshop.</p>	<ul style="list-style-type: none"> • Written document on peer support program • Reporting forms on the classroom observations and sharing sessions • Monthly faculty reports by peer support teams on problems and success stories

Strategy/Activity for Meeting Objective	Resources Needed	Person Responsible	Time Line	Evidence of Implementation
<p>3. Monitor planning for the integration of the multimedia and simulation applications into classroom activities. Teachers will submit lesson plans detailing their use of the multimedia .</p>	<ul style="list-style-type: none"> Lesson planning format that clearly identifies technology integration. 	<p>Principal will work with technology committee to develop format.</p> <p>Teachers will use the format.</p>	<ul style="list-style-type: none"> Meet with committee to develop format in August. Introduce format in September. Begin required use in October 	<ul style="list-style-type: none"> Completed format Samples of teacher plan in the format
<p>4. Monitor quality of integration through principal observations using a rubric based on the one in the “Principal Connections” CD-ROM.</p>	<ul style="list-style-type: none"> Rubric based on the “Principal Connections” CD-ROM. Observation Forms 	<p>Principal will work with the technology committee to develop the rubric.</p> <p>Principal will do observations.</p>	<ul style="list-style-type: none"> Meet with the committee to develop the rubric in August. Field test rubric in September. Introduce rubric and observation protocol to faculty in September. Begin observations at the end of October. 	<ul style="list-style-type: none"> Rubric Completed teacher observations Improvement in teacher use of technology as noted by application of the rubric throughout the year. Improvement in student performance in the core areas targeted.

BUILDING LEVEL TECHNOLOGY PLAN

GOAL 2 AND OBJECTIVE 2.1

- National Goal:** All teachers and students will have access to modern multimedia computers in their classrooms.
- State Goal:** Educators and administrators will have access to technological resources in their classrooms and other learning centers through equitable distribution of grants, equipment, software, and technical assistance.
- Local Goal:** Provide appropriate state-of-the-art technology for all students.
- Identification of School Need:** In the review of the current state of technology in the school (survey and inventory), it was found that several of the classrooms had older computers that could not run the software teachers were being trained to use. The technology committee decided upgrade of classroom computers should be a priority for spending this year.
- School Objective:** Upgrade computers to ensure that every classroom has at least three computers with the capability of running the multimedia software and the simulation software used in the faculty-training program.

Strategy/Activity for Meeting Objective	Resources Needed	Person Responsible	Time Line	Evidence of Implementation
<p>1. Design and execute a plan to purchase, install, and maintain five new multimedia workstations for classrooms.</p>	<p>\$15,000 from state grant allocation for hardware purchases to execute plan</p>	<p>School technology coordinator will work with the school district technology office to design plan.</p> <p>Principal will review plan and make arrangements for the purchase.</p> <p>School technology coordinator will work with the principal and district technology office to execute plan.</p>	<p>Written plan for purchase completed by July 30.</p> <p>Computers installed before start of school year in the fall.</p>	<p>Computers installed and operating consistently</p>
<p>2. Design and execute a plan to upgrade 10 classroom computers currently in use to enable them to run the desired multimedia and simulation software.</p>	<p>\$5,000 from the school discretionary budget .</p>	<p>School technology coordinator will work with school district technology office to design and execute the plan.</p> <p>Principal will review plan and make arrangements for purchase orders for the upgrade.</p>	<p>Plan complete by July 30.</p> <p>Plan executed by the start of school in fall.</p>	<p>Computers are consistently running the desired software applications</p>
<p>3. Move two computers from the multimedia lab into classrooms to meet the objective.</p>	<p>Assistance of the district technology office to ensure proper connectivity to the LAN and WAN</p>	<p>School technology coordinator will work with district office to move the computers.</p>	<p>Computers will be moved and operational on the network by the start of school in the fall.</p>	<p>Three computers in each classroom</p>