

CHARLES ELEMENTARY TECHNOLOGY PLAN

Integration

Charles students have exposure to and experience with many forms of technology, as outlined in our School Improvement Plan. These forms of technology include:

- Telephones in classrooms for home communications
- Televisions and VCR's in classrooms
- Microphones used in music class and programs
- Video-taping (projects and portfolios)
- Digital cameras
- Audio cassettes
- CD and tape recordings
- Computers (internet access, reading testing, research, skill practice and acquisition, writing process work, math tests)
- Calculators
- Adapted computer equipment for special needs students
- Scanners (flatbed and optic)
- Slide projectors used in art classes
- Alpha Smarts
- Smart Board
- Overhead projectors
- Projector microscopes

In addition to the use of technology to review and analyze district-wide assessment information, Charles School uses technology to obtain, monitor and analyze student performance in the classroom. The Scantron Performance Assessment is administered to students in grades 2-6 in the areas of reading, language arts, mathematics, and science at least three times during the year. Data generated from these assessments are used to help teachers identify the instructional needs of students and to develop instructional strategies to meet those needs.

Richmond Community Schools has recently implemented PEP data warehousing district-wide. Charles staff will begin using the program in fall 2006 to provide teachers, administrators, and parents with 24/7 access to student data, including demographics, attendance, discipline, grades, and assessment reports. PEP is accessible to registered RCS users from any Internet capable computer.

Professional Development

In order to implement the teaching strategies that have been identified within this plan, professional development will be provided to help teachers build capacity in the integration of technology as a teaching tool in the two goal areas outlined in the School Improvement Plan.

1. Charles students will improve writing abilities across the curriculum.
2. All students' reading comprehension will improve across the curriculum.

Technology staff development activities for the 2006-2007 school year are as follows:

Activity	Intended Audience (Stakeholders)	Person(s) Responsible	Timeline
Introduce staff to PEP: <ul style="list-style-type: none"> • Use PEP to collect and analyze data to better inform instruction. 	All Staff	Technology Consultant Building Principal Support from District Staff Development Coordinator.	Summer 2006 to continue monthly as needed.
Introduce teachers to the Scantron Skills Connection Online: <ul style="list-style-type: none"> • Use Scantron scores to locate instructional activities to meet individual student needs. • Use the Scantron Suggested Learning Objectives to correlate student scores to learning activities by subject area and standard. • Use online resources from the IDOE Curriculum Framework and Marco Polo to develop instructional activities to meet individual student needs. 	All Teachers	Technology Consultant Building Principal Support from District Staff Development Coordinator.	By the end of first semester.
Investigate use of online simulations and Webquests	All Teachers	Technology Consultant Building Principal Support from District Staff Development Coordinator.	By the end of second semester.

Assessment and Evaluation

A process of how the need for Internet, telecommunications and other technology in the school will be assessed:

The School Improvement Team will form a technology subcommittee to review and evaluate the effectiveness of the building technology plan and to suggest modifications to the plan if needed. The subcommittee will meet as a regular function of the NCA accreditation process.

A strategy of how the overall program will continuously be assessed and evaluated:

This technology plan will continually be assessed and evaluated through the annual revision and monitoring of the School Improvement Plan. The following assessment tools are used to determine technology needs and to document and measure growth in technology skills and integration.

- RCS Parent/Staff survey
- Ongoing survey of staff members for needs and desires in technology instruction.
- Attendance records and evaluation forms for all building level technology staff development activities maintained by the building Technology Consultant
- Pep User Login Reports to determine areas accessed and amount of time used.

- Informal classroom observations.
- Workshop sign-in forms.
- ISTEP + and Scantron Scores
- District-wide staff technology use survey to measure growth from year to year
- Review of student products.