



Technology Department  
Welcomes Leadership Katy  
April 10<sup>th</sup>, 2008

Lenny Schad, Chief Information Officer

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### I. Distance Learning (*Room: 1030*)

This technology provides students with opportunities to connect in real time to educational resources around the globe. Students have been able to connect to other students within the district, as well ones in other states and countries. Students had the opportunity to interview, Phyllis Reynolds, author of Shiloh to learn about her childhood and life as an author. NASA is always a big hit with our students. During one particular video conference, students were able to take a virtual field trip throughout the solar system. Future ideas for distance learning in Katy ISD include offering courses that utilize one teacher throughout the district for classes such as Latin or Chinese.

### II. Data Center Facts (*Data Center*)

This is the control center for all technology in Katy ISD. Protected by two automatic fire 200 systems and cooled by two Leibert chiller units we can ensure our 200 plus servers will offer 24 – 7 support for the 20,000 computers and 6,500 IP telephones across the district.

### III. Technology In the Classroom (*Room: 1200BCG*)

#### Elementary Science Cart

Each KISD elementary campus has a cart that includes equipment designed to capture the students' imaginations and interest in science and to help teachers engage students in the science curriculum. The cart includes the following equipment:

- 8 wireless laptop computers
- LCD projector
- Digital document camera
- 16 USB temperature probes
- 4 USB motion probes
- Vernier Logger Lite software for use with the probes
- Scope on a Rope handheld microscope
- Pro Scope USB digital microscope



#### Interactive Whiteboards – SMART Board



Interactive whiteboards support engaging and interactive lesson presentation by combining application usage, Internet display, “hands on” data entry, class notes and video presentation. Teachers can display anything that can be presented on a computer desktop with the advantage of the ability to save the presentation for review and reinforcement. Interactive whiteboards are powerful tools in the hands of teachers and students.

#### Classroom Performance System

This is an easy to use response system that obtains immediate feedback from every student. Each student receives a remote, the question is displayed either on a worksheet or to the entire class via the LCD projector, and the student answers the question. The teacher receives immediate feedback on the mastery of each objective.

