



# Technology Presentation



**Rich Township High School**  
**District 227**





# Board Goals

## **Goal #1** **STUDENT** **ACHIEVEMENT**

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The district's primary responsibility is to educate students and assist them in meeting their personal learning goals as well as meeting/exceeding the Illinois State Learning Standards. This year, the district is working to improve the literacy of the students, with an emphasis on reading and math and insuring achievement for all students (prevention and intervention strategies). The district will be using data as a guide as it works to make the best educational decisions for all students.

## **Goal #2** **INTERNAL LEARNING** **COMMUNITY**

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The Board and the district are focusing on improving the culture and climate of the district, its staff, and the school communities, providing a collaborative/learning culture focused on teaching and learning.

## **Goal #3** **EXTERNAL LEARNING** **COMMUNITY**

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The Board will focus on improving the communication, relationship, and visibility of the school district with the outside community, engaging families, and communities. The district is also creating an educational foundation that will operate as a separate entity from the district, with the purpose of generating and distributing resources that will enhance the educational experiences of Rich Township High School students.



# Technology Deficiencies

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- Antiquated student management system.
  - Lack of an integrated teacher grade book.
  - Parents with no access to student assignments, grades or attendance information.
  - Parents could not pay student fees online or deposit money into lunch accounts.
  - No web based employment application system.
  - Deficient school to home communication system.
  - No online courseware system.
  - No benchmark assessment system.
  - No high speed Internet connections.
  - No wireless access in the buildings.
  - No teacher computers in the classrooms.
  - Many old and outdated computers.
  - Lack of technology in the classrooms.
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# 2005-2006 Initiatives

- Upgraded electrical power in all three campuses to accommodate technology requirements.
- Installed a new building keyless entry security system.
- Purchased NovaNet an online courseware system that delivers research and standards-based, interactive curriculum, as well as an integrated assessment tool.
- Upgraded the network connections between our buildings by installing wireless high speed microwave towers.
- Increased the bandwidth to the Internet by installing a fiber connection to our Internet Service Provider.
- We purchased an online web based library & textbook management software.
- We purchased a web based communication portal (eCommunicator).
- We upgraded our security surveillance system to a digital DVR solution.
- Purchased and installed teacher computers for every classroom at Rich Central.
- Purchased and installed teacher computers for every classroom at Rich East.
- Purchased and installed teacher computers for every classroom at Rich South.
- Installed internal wireless access points at Rich East.
- Installed internal wireless access points at Rich South.



# 2006-2007 Initiatives

- Implemented our new Student Management System (PowerSchool and PowerTeacher).



# 2007-2008 Initiatives

- Purchased and installed a web based Autodialer System.
- Upgraded our food services software to a web based solution.
- Implemented an online web based employment application system.
- Installed wireless access points at Rich Central.
- Installed 150 new computers for newly constructed areas at South and Central
- Installed 25 new projectors for newly constructed classrooms at South and Central




# 2008-2009 Initiatives

- Installed TargetTeach hardware and software for student benchmark assessment and testing.
- Purchased and installed new web based parent/student fees payment software.
- Installed new special education IEP software.
- Purchased and install BoardDocs.
- Installed new network and workgroup switches.
- Purchased and installed new attendance tardy system (Plasco) along with the mobile devices the Plasco software is used to record and assign student tardy infractions and uploads the data into PowerSchool.
- Installed new student on-line course selection software (ClassChoice).
- Purchased and installed 7 Smart Boards.



# 2009-2010 Initiatives

- Installed electrical outlets for ceiling mounted projectors in the classrooms.
  - Purchased and installed 131 LCD Projectors, screens and document cameras in all the high schools. These presentation tools have provided classroom teachers with additional ways to further engage and enhance student learning.
  - Purchased 131 wireless presenter remote control device for every classroom. This convenient device includes a laser pointer and effortless mouse control. The device provides freedom for effective presentations.
  - Purchased and installed 8 more Smart Boards.
  - Redesigned the District web site in order to provide updated information and content.
  - Purchased and installed our school visitor and security software (Raptor) in all three campuses. This software provides an effective way to keep unwanted visitors out while tracking those we allow in. By the scan of a visitor's Driver License (or other state issued ID) the web-based software instantly screens for registered sex offenders, domestic dispute offenders and other trespassers.
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## Staff Development & Computer Replacement

- The technology department is committed to providing staff development and support with all of the hardware and software upgrades we perform.
- The District has also established a technology refresh cycle for the replacement of our legacy hardware. To this the following is the number of computers replaced in the last five years.
- 2005-2006 421 computers
- 2006-2007 343 computers
- 2007-2008 204 computers
- 2008-2009 46 computers
- 2009-2010 90 computers
- A total of 1,104 computers replaced.





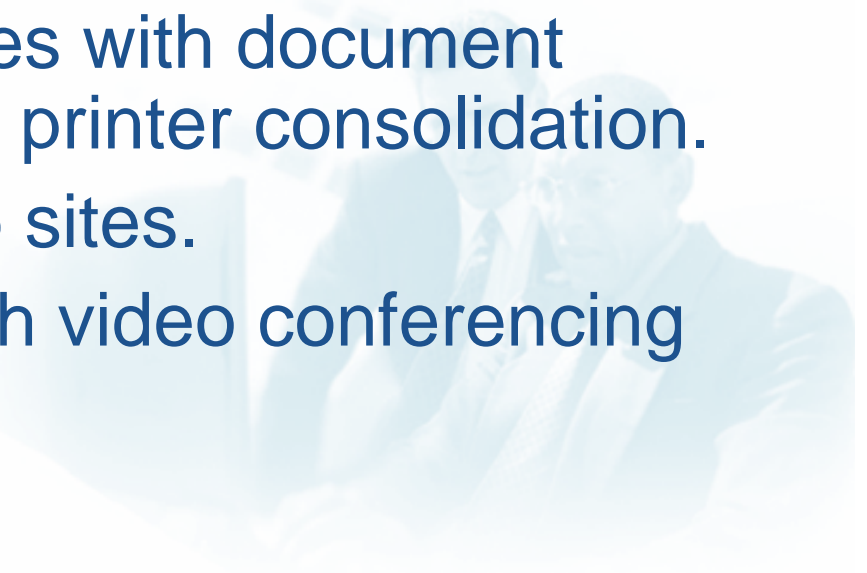
# Budget

- Annual investment of district dollars for technology.
  - 2005-2006 \$30,000
  - 2006-2007 \$1,000,000
  - 2007-2008 \$1,000,000
  - 2008-2009 \$800,000
  - 2009-2010 \$1,000,000
  - Five year total \$3,830,000.00
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# The next five years

- Replace our Telecommunications system with consideration to voice over internet protocol (VoIP).
- Server consolidations and virtualization.
- Technology refresh desktop - thin clients.
- Install a fiber network between the campuses.
- Expand our Green initiatives with document management systems and printer consolidation.
- Redesign the campus web sites.
- Expand virtual learning with video conferencing and Web2.0 technologies.





# Thank you!

- The support of the Board of Education and Mr. Hunigan along with the investment of district dollars into technology initiatives are the main reason for our technology growth. Thank You!
- Thank you to my staff!!!

