

# Hyde Park Central School District

## Technical Services Department

Technology Plan Presentation  
March 22, 2007



# Why create a district level technology plan?

- To guide instructional and fiscal decision-making
- Required by NYS for NCLB funding
- Required federally for e-rate funding (telecommunication reimbursement aid)

# Why create a district level technology plan?

- Helps provide information about current infrastructure and provides a framework for future growth
- Living document that serves to educate all stakeholders about district capabilities

# Components of the Hyde Park CSD Technology Plan

- Vision and Mission
- Belief Statements
- District Strengths and Challenges
- District Snapshot (information)
- Goals (Academic and Business)
- Budget Forecast
- Guidelines for Fiscal Responsibility
- Professional Development
- Technology Infusion Project Planning
- Future Considerations
- Technology Continuum
- Acceptable Use Policy

# Vision and Mission

- Vision helps to define what the district will look like when the mission has been accomplished
- The mission statement defines why the technical services department exists

# Belief Statements

- Provide a district view as to the importance of technology in education
- States roles and responsibilities of district staff for implementing technology usage

# Strengths / Challenges

- Array of computer skills classes from grades 6-12
  - Teacher support of technology
  - K-5 technology rubric
  - Support of BOE, Admin, and community for technology program
- Aging workstation inventory
  - Most lab space is reserved by specific departments
  - Network connections inadequate
  - Aging telephone and PA Systems
  - Lack of tech support personnel / technology integration teacher
  - Separate databases for collecting / utilizing student data that do not work together

# District Snapshot

- Detailed overview of various district technology resources including telecommunications and security
- Display of current computer inventory
- Detailed district network diagram

# Goals

## ACADEMIC GOALS

- Technology Skills Continuum
- Current and Reliable Technology
- Technical Support
- Telecommunications
- Teacher Training
- Teacher Support
- Curriculum Integration
- Technology Integration Specialist

## BUSINESS GOALS

1. Clerical Staff Training
2. Communications Systems
3. Student Information System
4. Financial Information System
5. Automate the Technology Department
6. Automate the Facilities & Operations Department

# Budget Forecast

- Level purchasing over a five year period to limit district burden
- Previous hardware budgets have fluctuated significantly resulting in an uneven replacement schedule
- Professional Development amount not high enough – should provide monetary resources to support new technologies and training for best practice for existing technologies

# Guidelines for Fiscal Responsibility

- Streamline current systems to eliminate time spent re-keying data into multiple databases
- Investigate and implement TCO (total cost of ownership) procedures to maximize technology investments
- Conserve energy by turning off all non-critical district computers every night
- Evaluate telecommunications possibly using the services of an outside vendor to cut costs and update aging hardware

# Professional Development

- Includes framework for three training levels to enhance staff technology skills
- Level 1 and 2 training can be compared to skill development level in the district's professional development plan
- Level 3 training correlates with leadership development level in the district's PDP.

# Technology Infusion Project Planning

- Sets provisions to allow technology savvy teachers to “infuse” technology into core curriculum classes
- Provides an avenue by which teachers can gain additional technology support by creating a formal usage plan for technology in their curriculum
- Can encourage leadership development depending on the proposed project

# Future Considerations

- Internalize district website
- Centralize server resources to maximize tech response time and backup procedures
- Evaluate and possibly implement virtual classroom environments (Moodle.org)
- Allow teachers and staff remote access to district files and resources through virtual private networking (VPN) technologies

# Technology Continuum

- Developed by district committee composed of staff representing various grade levels
- Provides framework for appropriate technology use at each grade level
- Incorporates skill rubrics to allow teachers to assess student achievement
- Utilizes resources from ISTE (International Society for Technology in Education) including benchmarks and sample lessons
- Provides sample lesson plans

# Acceptable Use Policy

- Includes policies for acceptable use as well as internet safety and electronic publishing
- Required by CIPA (Children's Internet Protection Act) to help protect students from the dangers of the online world

Questions?