



# Technology Steering Committee Technology Plan 2006-2010

## Strategy I

We will use technology in ways that will help students deepen their understanding of academic content and advanced their knowledge of the world around them.

## ACTIONS

1. Increase students proficiency in technology through instruction modeling.
2. Implement the State Educational Tech. Core Curriculum (ISTE)
  - a) **Improving on the Basics:** Every student uses technology to deepen understanding of core curriculum concepts and to elicit higher thinking skills.
  - b) **Understanding:** Every student has the ability to access information, synthesize, and publish information to demonstrate understanding.
  - c) **Ethics:** Educators and student understand and observe appropriate-use guidelines for online content, software, etc.
  - d) **Skills:** Students are trained in the use of word processing, spreadsheets, graphics, presentation software, e-mail, Internet research, hardware, etc. Students achieve at or above minimum keyboarding standards.
3. Offer opportunities for students to see & perform technology skills used in the workplace.
4. Provide students with inquiry project-based learning.
5. Provide opportunities for students to gain experience through simulations of real events and processes.
6. Use technology to increase student learning.(cyber-core support)

## Strategy II

We will use technology to enrich the learning environment and improve academic performance by students.

## ACTIONS

1. Continue updating technology in schools to facilitate student project-oriented learning.
2. Establish effective practices for using core curriculum-based technologies.
3. Provide essential training and technical support to schools.
4. Improve coordination between all departments, including information systems, instructional technology, career & technical education, curriculum, and facilities.
5. Provide equipment that will take advantage of broadband technologies in schools.
  - 1<sup>st</sup>: Instructional computers
  - 2<sup>nd</sup>: Instructional large-group labs
  - 3<sup>rd</sup>: Instructional small-group labs
6. Formatively necessitate to pursue academic performance.

## Strategy III

We will provide ongoing professional development supported at all levels by technology to improve curriculum and instructional strategies to the advantage of students.

## ACTIONS

1. Continue the STS program to train teachers and staff to use software and hardware that support Ed Tech Core.
2. Provide ongoing district/school onsite training & taping for STS's
3. Coordinate technology-related training among all departments.
4. Use adult education classes and other resources for providing professional development.
5. Support student project-oriented instructional strategies while enhancing other effective teaching methods.

## Strategy IV

We will reengineer our education system to meet the needs of students in a knowledge-based society and obtain adequate resources to implement the changes.

## ACTIONS

1. Utilize district and school-level committees to develop and implement the technology plan.
2. Review and update technology plans yearly.
3. Improve communications to stakeholders.
4. Utilize full-time and contract grant writers for technology enhancement.
5. Establish technology as a district priority for allocation of funding.
6. Competitively bid hardware & software for bulk purchases.
7. Provide adequate support staff training and tools to manage systems.
8. Plan & move forward with next steps in classroom readiness.
9. Explore competency-based credit system for graduation through technology-delivered courses.
10. Provide better web development tools, easier to use, and provide training to increase acceptance and usage.

## Strategy V

We will develop a positive and supportive relationship with the community for technology in the schools.

## ACTIONS

1. Have all district departments and schools communicate technology success to the public.
2. Promote community access to technology and establish procedures for its use.
3. Use adult education classes and others as a resource for providing technology training.
4. Enhance parents & guardians confidential electronic access to student information.
5. Communicate the vision of the district technology plan.
6. Enhance current web quality presence for district departments, schools, and teachers.
7. Explore business partners to meet technology needs at district level.

## Strategy VI

We will provide convenient access to appropriate electronically-based information for all end users and provide prompt, competent technical support.

## ACTIONS

1. Identify information needed by all users.
2. Provide methods for all users to have access to appropriate information.
3. Explore options to open communications for constituency groups.
4. Install needed electrical and network materials.
5. Provide infrastructure to make on-line voice, audio & video available.
6. Use integrated technology to increase efficiency of all district departments,
7. Evaluate technical support needs and hire personnel to meet those needs.
8. Form an inter-departmental team to evaluate design and make happen infrastructure improvements.

## Strategy VII

We will assess needs, set standards, and measure outcomes to determine the effectiveness of technology in the educational process.

## ACTIONS

1. Implement the state assessment procedures for measuring student proficiency in the Ed Tech core.
2. Establish an accountability measure(s) for each strategy.
3. Require administration and staff to demonstrate competency in order to receive technology updates.
4. Establish standardized administrative function packages (grading, attendance) that encourage the School Interoperability Framework.
5. Evaluate electronically-based student form and switch accountability measure.
6. Integrate the Educational Technology Core into the student data management and assessment systems.
7. Evaluate the effective use of technology funding.
8. Assess & evaluate the model for future needs(more hires? Effectiveness? etc.)