



Technology Strategic Plan Program and Funding Overview

VISION:

The District aims to provide a rigorous and relevant instructional program delivered by high quality educators who use innovative, research-based strategies to enable students to participate in a global environment. It envisions students who are engaged in meaningful learning and teachers who serve as leaders and partners in their learning goals. Technology prepares students in our rapidly evolving world for the challenges of high school and beyond, and helps to build critical 21st century skills, such as communication, collaboration, creativity and critical thinking. The District is committed to providing teachers with these powerful tools and students with these critical learning opportunities. The broad goals of the Technology Strategic Plan involve coordinating efforts to increase equity and access to technology tools, and to provide effective professional development in the innovative use of those tools.

PURPOSE:

- Plan for and provide effective professional development (PD)
- Assure that there is equity of access throughout the district
- Coordinate and manage technology purchases
- Plan for regular replacement cycles
- Allow for more efficient support and equipment maintenance
- Determine needed infrastructure upgrades

ADVANTAGES:

- Expanded technology throughout the District allows better access to engaging tools that can enhance teaching and learning
- Parents and students will know what to expect at each school and grade level, and all students at the Middle School will have had a similar technology experience
- Consistency and predictable access allow for more teacher collaboration and innovation
- Leverages volume purchasing discounts
- Planning, purchasing and management is supported by the District, and distribution/implementation is coordinated with the site
- Spreads cost of equipment over 5 years, making fund-raising more predictable
- PTAs/Schools contribute an equal amount per student, averaging costs among sites to ensure all students have equitable access

IMPORTANT CONSIDERATIONS:

- Instructional Technology was the highest strategic priority for the District according to parent and staff surveys
- Plan was developed with input from teachers, librarians, administration, tech staff, and parents
- Program provides opportunities for student collaboration, communication, creativity, and critical thinking – important 21st Century skills
- New Instructional Technology Coach will help assess needs and deliver timely training and PD
- Instruction in Digital Citizenship and Information Fluency will be included
- Textbooks are rapidly moving to a more powerful and engaging digital format
- Planned 1:1 tablet program in grades 5-8 allows students more opportunity to take charge of their own learning and to explore authentic, real-world projects
- 5 year plan is flexible – annual review will determine if goals are being met and if new technologies should be considered
- District funds teacher hardware, software/instructional materials, infrastructure, support, and PD

INDICATORS OF SUCCESS:

- Teachers are better able to differentiate instruction to reach different types of learners
- Teachers are empowered to focus on high-level instruction as technology helps to manage and organize classroom data, and increases efficiency on administrative tasks
- Full integration of technology meets Common Core curriculum requirements
- Students have new ways to practice and demonstrate knowledge and mastery
- Students are empowered to take charge of their own learning with grade-appropriate tools
- Students can effectively and safely navigate the rapidly changing technological world
- Students have equitable access to necessary technology resources at home
- All schools reach technology equipment ratio goals
- All five elementary schools achieve technology standardization
- Incoming 6th graders are well prepared for middle school with appropriate technology skills
- Academic performance data, teacher and student survey results, paperwork reduction figures, technology usage time, and/or adherence to budget are measured as data points to indicate progress