

Rockwall ISD Long Range Plan for Technology 2005-2010

Goal 1: Develop, in all students and staff, proficiency in the use of technology to acquire, analyze, and apply information; while managing the time, task, and communication of that information

Objective 1.1 Integrate and align district curriculum with technology.

Strategy Statement 1.1.1 Develop/identify and implement web-based technology system(s) that correlates for teachers disaggregated student data, district/TEKS-aligned curriculum, and lesson plans that integrate technology with other teaching strategies.

Strategy Statement 1.1.2 Teachers will utilize technology, technology integration strategies, and technology supported curriculum on a daily basis to enhance and improve and meet state technology TEKS requirements.
(District Strategic Plan)

Strategy Statement 1.1.3 Increase educational opportunities for all learners in the community by incorporating district supported curriculum systems and disaggregated student data to determine individual needs and differentiate instruction toward TEKS mastery,

Strategy Statement 1.1.4 Provide adaptive/assistive equipment as needed for students to maximize learning.

Objective 1.2 Increase accessibility to technology in the classroom

Strategy Statement 1.2.1 Provide administrators and teachers at all grade levels, an internet connected, personal digital device (for use inside/outside the school)

Strategy Statement 1.2.2 Provide all students in grades 7-12, an internet connected, personal digital device (for use inside/outside the school)

Strategy Statement 1.2.3 Provide all students in grades PK-6 internet connected Inspired Classrooms

Strategy Statement 1.2.4 Utilize internet connected, personal digital devices (vs. distance learning labs) to access distant sources of instruction and special courses that are not offered locally

Strategy Statement 1.2.5 Plan high schools to accommodate multiple teaching/learning modes and appropriate technology

Goal 2: Implement a standards-based staff development plan and requirements that insure the integration of technology in all aspects of the educational process.

Objective 2.1 Establish a competency base staff development program for all staff members

Strategy Statement 2.1.1 Identify a clear flow of skills from beginner to mastery of technology skills and competencies directly related to the integration of technology into the curriculum and all TEKS.

Strategy Statement 2.1.2 Provide group-specific training to district personnel in support of the technology plan: Technicians, Librarians, Instructional Technology Specialists, Lab Technicians, Administrators.

Strategy Statement 2.1.3 Building principals, Instructional Technology Specialists, Librarians, and campus technicians will develop and complete individualized growth plans regarding the use/support of technology.

Strategy Statement 2.1.4 Develop staff development facilities and programs as needed.

Objective 2.2 Provide time and incentives for training

Strategy Statement 2.2.1 Establish an incentives program tied directly to individual, campus, and group mastery of competencies.

Strategy Statement 2.2.2 Extend the school day, find time during the summer, and or explore ways to reschedule the school day to allow time for teachers to work in teams, to act as coaches and mentors for their colleagues, to participate in collaborative projects, and to plan together

Goal 3: Provide adequate personnel to support the technology goals of the district

Objective 3.1 Provide instructional support for teachers using technology.

Strategy Statement 3.1.1 Employ a full-time Chief Information Officer, “keeper of the vision”, at the district level to manage and coordinate facilities, instructional, and systems implementation of technology

Strategy Statement 3.1.2 Employ Instructional Technology Specialists (ITs) on each campus to provide resources, “just in time” technology implementation assistance and technology integration staff development.

Strategy Statement 3.1.3 Identify, train and provide incentives to 4 core master teachers on each campus to add additional technology support and staff development capabilities.

Objective 3.2 Provide administrative and technical support for teachers using technology.

Strategy Statement 3.2.1 Increase the number of technical support personnel in direct proportion to the number of computer stations and systems supported

Strategy Statement 3.2.2 Maintain a district-level help desk to assist with technical and instructional issues with technology.

Strategy Statement 3.2.3 Expand the roles of Campus Technicians at the school level to include 1st level technical support and responsibility for licensing and inventory of the district software collection.

Strategy Statement 3.2.4 Provide a data manager to assist in desegregation of data for administrative and instructional purposes

Goal 4: Provide and maintain the infrastructure needed to maximize the use of technology in all facilities.

Objective 4.1 Maintain secure, high speed, accessible WANs/LANs today and in the future for all sites in the district.

Strategy Statement 4.1.1 Monitor annually and upgrade, web security and filtering systems as needed

Strategy Statement 4.1.2 Monitor annually and upgrade the district's internet connection as needed for instruction.

Objective 4.2 Insure that all facilities are appropriately equipped to maximize productivity through technology use.

Strategy Statement 4.2.1 Replace the existing voice systems with a district-wide telephone system that provides phone instruments for every classroom and building level voicemail systems.

Strategy Statement 4.2.2 Implement security systems for every campus.

Strategy Statement 4.2.3 Provide and maintain wireless access to the internet/district network throughout the district

Strategy Statement 4.2.4 Insure that all existing /future spaces meet national standards and provide the same capability to support technology

Objective 4.3 Purchase and maintain digital devices appropriate to the needs (internet/network access, software for tasks, access to peripherals, and data storage) at each grade level.

Strategy Statement 4.3.1 Provide the necessary infrastructure and 5 computers for each classroom to act as Inspired classrooms in grades 2-6.

Strategy Statement 4.3.2 Provide AlphaSmarts carts for each grade 2-6.

Strategy Statement 4.3.3 Provide computer labs for instruction which requires specialized technology hardware or software not available on the teachers' and students' typical personal digital devices.(2020)

Strategy Statement 4.3.4 Provide the equipment needed to establish a 1 to 1 ratio of computing devices to students in grades 6-12 and to allow those students access to instruction outside the normal school hours.

Objective 4.4 Provide each teacher with a technology rich work space in each classroom and easy access to shared resources

Strategy Statement 4.4.1 Provide each teacher with a technology workstation that includes classroom projection system, a laptop computer with a docking system, wireless net access, phone, power supply, and video on demand.

Strategy Statement 4.4.2 Provide and maintain access to printers as appropriate to the configuration of each campus.

Objective 4.5 Update software systems to improve record keeping, disaggregation of data, and accountability to government agencies and parents.

Strategy Statement 4.5.1 Replace obsolete administrative software with newer versions or new products to increase efficiency.

Goal 5: Partner with the community in implementing technology

Objective 5.1 Maximize input from district, campus and community groups when making technology implementation decisions.

Strategy Statement 5.1.1 Seek partners in the community to advise the District and to provide support for its technology programs.

Strategy Statement 5.1.2 Meet quarterly with a District level technology steering group to facilitate district-wide decision-making and continued planning for technology.

Strategy Statement 5.1.3 The campuses will maintain school based technology steering groups to facilitate bi-directional communications from District to Building to Classroom

Objective 5.2 Increase access by the community and students to district technology and data.

Strategy Statement 5.2.1 Provide the hardware/software to permit teachers, students and parents to communicate and to enable community access to school information and student data.

Strategy Statement 5.2.2 Coordinate with the community, other city, county, and educational entities to share facilities, after hour access to school labs, and services for cost reduction.