

## **Jordan School District's 5-year Instructional Technology Strategic Plan**

has been based on a framework of seven areas of learning from the Milken Foundation. This framework, The Seven Dimensions for Gauging Progress, has been used by policymakers, educators, and technology directors as a road map when attempting to bring up the learning levels of students through technology.

It describes the conditions that should be in place for technology to be used to its greatest educational advantage in any classroom. The Seven Dimensions also provides districts with ways to assess the progress of learning the technology.

### **Mission Statement**

The Jordan School District supports the development of technologically competent and responsible educators and students by integrating technology into teaching and learning.

### **Belief Statements**

- We believe instructional practices change in response to technological advances.
- We believe technology is a tool that will allow teacher and student to explore new realms of teaching and learning.
- We believe parental support for training in technology usage for students and teachers is essential.
- We believe students must learn to use technology to organize and evaluate information.
- We believe each school should develop an Instructional Technology Plan in harmony with the Jordan School District Strategic Plan and the school's School Improvement Plan.
- We believe resources need to be procured to support the current technology plan.
- We believe technology facilitates student-centered learning.
- We believe annual assessment data should direct ongoing Instructional Technology Professional Development, meeting the needs of teachers at all levels of expertise.
- We believe students must become technologically proficient to live, learn, and work successfully throughout their lives.
- We believe technology should support and enhance curriculum.
- We believe the increase in technology usage will necessitate an increase in support services.
- We believe each school using annual assessment data, should have a training system for instruction technology, which includes modeling and mentoring of staff.
- We believe technology will help students become part of a global community.
- We believe technology resources should be divided among hardware, software, training, and support services.
- We believe technology infrastructure must be upgraded on an ongoing basis.
- We believe communication among the home, school, district and community is essential to improve the teaching/learning in each school.
- We believe technology usage should address many different learning styles.
- We believe in district-wide teacher collaboration to enhance technology usage.
- We believe technology must be available to all.

- We believe additional instruction and timely technology support at each school is essential for systemic change.

## **Parameters**

- We will update the Instructional Strategic Plan annually based on a review of district instructional technology assessment and suggestions from students, teachers, administrators, parents, and the community.
- We will address a staff development component with each instructional technology acquisition.
- We will upgrade technology, education tools, and infrastructure on an ongoing basis.
- We will only purchase equipment/software or accept donations we can use and maintain.
- We will use technology to follow Utah State Law and district and school policies and guidelines.
- We will support the core curriculum by integrating technology into teaching and learning.

## **Outcomes**

- Jordan School District students will become technologically competent and prepared to succeed in the global society.
- Jordan School District teachers will become technologically competent and will integrate technology in the instructional process.
- Jordan School District will provide resources to achieve the goals outlined in the strategic plan.
- Jordan School District will strive to involve the patrons and the community in technology training to strengthen the community/home/school connection.

## **GOALS AND OBJECTIVES**

### **GOAL 1**

**Students will use technology in ways that will deepen their understanding of subject areas and advance their knowledge of the world around them.**

#### **Objective 1.1 Implement and strengthen basic technology operation skills.**

- 1.1.1 Define basic operation skills required for specific content areas.
- 1.1.2 Assess student knowledge and skill level for necessary operational skills.
- 1.1.3 Determine and access appropriate resources to acquire operational skills.
- 1.1.4 Develop integrated activities to teach operational skills.

#### **Objective 1.2 Provide opportunities for students to become technologically proficient.**

- 1.2.1 Identify media and technology resources students need to accomplish curricular goals.
- 1.2.2 Provide opportunities for students to learn to use instructional technology effectively and efficiently.
- 1.2.3 Create an environment where students select and use instructional technology resources to accomplish a variety of tasks and solve problems.
- 1.2.4 Sustain an environment where student-computer ratio is sufficient for instructional technology proficiency.

**Objective 1.3 Foster opportunities to apply the use of technology to: increase student achievement, increase productivity, promote creativity and ensure relevance.**

- 1.3.1 Determine productivity, communication, and research tools to be used.
- 1.3.2 Refer to National/State Educational Technology Standards performance indicators to determine appropriate grade level applications of tools.
- 1.3.3 Develop integrated strategies to apply use of tools in classroom activities.
- 1.3.4 Identify appropriate grade level experiences using telecommunications, school to careers, and business partnerships.
- 1.3.5 Provide opportunities to apply experiences through the use of collaboration with peers, experts, and others.
- 1.3.6 Develop integrated technology strategies to increase academic.

**GOAL 2**

**Create learning environments that are designed to achieve high academic performance by students through the alignment of standards, research-proven learning practices and contemporary technologies.**

**Objective 2.1 Ensure all students have sufficient access to instructional technology, including online resources in: Classrooms, Media Labs, Computer Labs, Other**

- 2.1.1 Define "sufficient access" in consideration of school level, subject area, classrooms, media labs, computer labs, and other areas.
- 2.1.2 Build annual implementation plans to achieve sufficient levels as defined within budget resources.
- 2.1.3 Provide professional development for teachers to effectively use instructional technology in teaching and learning.
- 2.1.4 Explore alternative technologies to support mobility of instructional technology resources for students.
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**Objective 2.2 Use technologies to teach the State Core Curriculum through research-proven practices.**

- 2.2.1 Identify and share best practices in the district where effective instructional technology integration in teaching the core is occurring.
- 2.2.2 Create opportunities for teachers to observe others in modeling the use of instructional technology to teach the state core.
- 2.2.3 Create incentives and develop instructional technology integration professional development programs specific to core subject areas.
- 2.2.4 Support ongoing education for key personnel to stay current on research-proven learning practices.
- 2.2.5 Identify developmental concepts of instructional technology integration on elementary, middle, and high school levels.
- 2.2.6 Create links between elementary, middle, and high school instructional practices in using technology to teach the state core.

**GOAL 3**

**Provide effective staff development opportunities to enable all teachers to achieve professional technology proficiency.**

**Objective 3.1 Assess staff to determine levels of technology proficiency.**

- 3.1.1 Identify proficiencies that are to be evaluated.
- 3.1.2 Select appropriate instrument based on 3.1.1.
- 3.1.3 Establish and implement a plan for all schools to conduct the evaluation of proficiencies.
- 3.1.4 Establish and implement a timeline in which schools report the results the meet State and Federal requirements.

**Objective 3.2 Provide professional development offerings to meet the identified instructional technology inservice needs along a progressive continuum that culminates in effective integration of instructional technology into the curriculum.**

- 3.2.1 Define inservice needs based upon assessment results.
- 3.2.2 Provide a continuum of professional development to meet all levels of needed inservice including collaboration with preservice programs.
- 3.2.3 Identify and train instructors/mentors on a district, building, and area level.
- 3.2.4 Schedule and implement planned professional development.

**Objective 3.3 Enable staff to participate in professional development opportunities both during and after regular contract time.**

- 3.3.1 Explore and implement professional development opportunities to conduct group and individual classes during contract time.
- 3.3.2 Schedule group classes after contract time.
- 3.3.3 Schedule individual classes (online, TV, video, Ednet, etc.)

**Objective 3.4 Create networking opportunities for staff to share ideas and applications and observe quality modeling of instructional technology integration.**

- 3.4.1 Schedule time for collaboration and observation of model programs at the school level.
- 3.4.2 Create district level online resources to exchange ideas and provide support.
- 3.4.3 Identify and purchase professional resources that demonstrate examples of instructional technology integration. Make resources available for district-wide use.

**GOAL 4**

**Create and maintain a system where all stakeholders communicate the school's instructional technology vision through the School Improvement Plan. This system will facilitate changes necessary to meet the needs of learners in an evolving global society.**

**Objective 4.1 Ensure that each school addresses instructional technology within their Comprehensive School Improvement Plan (CSIP).**

- 4.1.1 Create and operate an instructional technology committee in each school.
- 4.1.2 Assess current levels of instructional technology at each school site using an approved assessment tool, i.e. Levels of Technology Implementation (LoTi).
- 4.1.3 Develop instructional technology programs (such as Curriculum Integration Networking) and recommended activities and strategies to help schools create CSIP goals.
- 4.1.4 Create an itemized action plan for each school to pursue in addressing Jordan School District and individual school technology goals.

**Objective 4.2 Based on the annual assessment, review and update the instructional technology component of the Comprehensive School Improvement Plan (CSIP).**

- 4.2.1 Review and assess level of implementation of instructional technology goals from the CSIP.
- 4.2.2 Revise the existing instructional technology component of the CSIP and/or instructional technology goals, based on district and school assessment information, i.e. action plans, timelines, etc.

- 4.2.3 Communicate and implement newly revised CSIP and associated goals, action plan, timelines, etc.

## **GOAL 5**

**Create a school/community relationship that is one of trust and respect and is translated into mutually beneficial, sustainable partnerships in the area of instructional technology.**

**Objective 5.1 Establish and maintain electronic communication between home and school/district web site.**

- 5.1.1 Establish district and school websites for general school information. Careful consideration should be given to insure web site link content is aligned with district policies.
- 5.1.2 Establish and maintain two-way electronic communication with teachers, students, parents, such as e-mail, attendance, grades, behavior reporting, etc.
- 5.1.3 Promote and communicate the use of on-line access to district, school, and community information via newsletters, letters, electronic communication, etc.
- 5.1.4 Maintain and support electronic communication through administration, faculty, staff and students.

**Objective 5.2 Develop community business relationships to form instructional technology partnerships and collaborations.**

- 5.2.1 Review and recommend revisions to district policies and guidelines on forming community and business partnerships and collaborations.
- 5.2.2 Involve PTSA, PTA, school community councils, Jordan Education Foundation, Businesses, Chamber of Commerce, etc. in forming potential partnerships and collaborations.

**Objective 5.3 Involve PTA/PTSA's and school community councils in developing resources and practices within the school.**

- 5.3.1 Appoint PTA/PTSA and/or school community council representatives to school instructional technology committees.
- 5.3.2 Review district and school instructional technology vision and plans with PTA/PTSA and school community councils.

## **GOAL 6**

**Provide ongoing upgrades to meet the needs of evolving technology, including support personnel, networks, electronic resources, facilities, and other areas as identified.**

**Objective 6.1 Assess current facilities and resources.**

- 6.1.1 Participate in the annual state survey to assess the school instructional technology resources.

- 6.1.2 Evaluate results.

**Objective 6.2 Provide a responsive system for maintaining, installing, and upgrading all instructional technology areas.**

- 6.2.1 Establish a minimum standard of hardware and software for classrooms.
- 6.2.2 Establish a minimum standard of hardware and software for facilities.
- 6.2.3 Determine needed upgrades by comparing standards with results of assessment (6.1.2)
- 6.2.4 Upgrade and expand hardware and software to meet established standards.
- 6.2.5 Dispose of outdated equipment.

**Objective 6.3 Ensure that each facility has on-site support personnel.**

- 6.3.1 Establish minimum standards for on-site personnel at each level (elementary, middle, high).
- 6.3.2 Specify responsibilities of support personnel.
- 6.3.3 Provide support personnel according to standards set in 6.3.1
- 6.3.4 Provide training for building support personnel.

**GOAL 7**

**Conduct and utilize results of an annual evaluation of instructional technology integration. This study will measure levels of implementation, utilization, teacher training, community connections, and hardware/software resources.**

**Objective 7.1 Conduct a district-wide assessment to measure levels of instructional technology plan implementation and determine need for revisions.**

- 7.1.1 Determine type of assessment to be utilized based on cost, usability, etc. Level of Technology Implementation (LoTi) selected in 2002.
- 7.1.2 Conduct the assessment results, determine hardware, software, and inservice needs for Jordan School District annually.
- 7.1.3 Prepare plan for annual assessment updates and effects on Jordan School District Instructional Technology Strategic Plan for future.

**Objective 7.2 Determine the needs for hardware, software, and teacher training based on the district-wide assessment.**

- 7.2.1 Based on the state hardware assessment, create a data base inventory of all hardware by school, area, and level.
- 7.2.2 Based on a district assessment, create an inventory of administrative and instructional software used in schools.

- 7.2.3 Based on the LoTi assessment, create a summary of instructional technology integration within schools.
- 7.2.4 Using LoTi and/or CSIP data, provide professional development opportunities to maximize teachers' access and increase number of teacher participants.

**Objective 7.3 Allocate annual budget based on CSIP progress and projected needs.**

- 7.3.1 Instructional Technology Committee meets annually to identify funding needs, priorities, readiness, project plans for the upcoming school year and allocates funds accordingly.
- 7.3.2 Implement plans in upcoming school year.

**Objective 7.4 Communicate to district patrons the progress being made with the Instructional Technology Strategic Plan. Schools will be responsible to communicate their progress with instructional technologies to local communities.**

- 7.4.1 Using the newsletter "Windows", devote an instructional technology section once a year reporting progress being made, awards, professional development, etc. to patrons of Jordan School District.
- 7.4.2 Principal annually reports to SCC, PTA Boards, and community through newsletters the progress made in instructional technology i.e. instruction, teachers trained, student projects, teacher projects, software and hardware.
- 7.4.3 Increase the utilization of electronic systems to communicate with patrons.