

# Sample Technology Plan Goals and Objectives

## *Introduction*

The broad, long-term goals for a comprehensive technology plan will address priorities in the following categories:

- curriculum and learning
- administration and management
- communication and information access

The following examples illustrate varied ways schools/communities express how they might address their technology vision and mission through their long-term goals. Some of the sample goals are more general in style than others. The technology planning team may use these goals and objectives as a guide.

## ***Curriculum and Learning Samples***

### **Curriculum and Learning Goals and Objectives**

Goal 1: All educators will engage in a process of review and assessment of specific instructional strategies with the potential to improve learning for the range of student diversity represented in the district.

- Objective 1.1: Teachers will investigate and demonstrate the use of technology resources to support instructional strategies that address the multiple learning styles of all students.
- Objective 1.2: Teachers will investigate and demonstrate the use of technology resources to support instructional strategies that address the needs of special education populations, including bilingual and ESL students.
- Objective 1.3: Teachers will investigate and demonstrate the use of technology resources to support instructional strategies that engage students in cooperative learning activities.

Goal 2: All educators will identify, prioritize, and incorporate the use of technology to achieve learning objectives in all disciplines within each schools' curriculum as appropriate

- Objective 2.1: Educators will explore, identify, and integrate technology enhanced activities to achieve learning objectives within their respective disciplines.
- Objective 2.2: Educators will share successful integration practices with colleagues via email and electronic bulletin boards.

Goal 3: All students will use technology to access and analyze information from a wide variety of sources including the Internet.

- Objective 3.1: Elementary students will be able to research a topic using video sources (DVD, laserdisk, CD-ROM), electric archives (CD-ROM based), and age appropriate Internet sources.
- Objective 3.2: Secondary students will demonstrate effective search strategies and include proper citations when using the Internet as a resource.

# Sample Technology Plan Goals and Objectives

## Additional Curriculum and Learning Goals

- All educators will access curriculum materials from a variety of sources including the Internet, and weave them into their presentation of curriculum as appropriate.
- All educators will be empowered with technology resources to design technology-enriched learning environments to assist students with the attainment of required curriculum objectives.
- All students will have access to the Internet for student publishing, accessing experts and engaging with them about their specific expertise, and collaborating with peers from a distance via networks. (could also fall in the Communication and Information Access section)
- All students will learn and practice technology skills and ethical use of technologies that will prepare them for the 21st century workplace.
- All students will use instructional technologies to assist students with the attainment of concept development, higher-order thinking, critical thinking, and applied problem solving skills.
- All students will use technology as a data gathering and analysis tool to improve learning in mathematics, science, social studies, and other disciplines.
- All students will use technology in fine arts curriculum to explore and access ideas, feelings, beliefs, and creative expression.
- All students will use technology in the design, building, and testing of solutions to real-world problems.
- All students will use technology to enhance skills for working both independently and in collaborative groups.
- All students will use technology to enhance their presentation and productivity skills.
- All students will use technology to think critically and solve complex problems.
- All students will use wide-area networks to access text and video information for individual and group research projects.
- All students will utilize a diverse array of developmentally appropriate instructional technologies to improve their reading, writing, and communication skills.
- District-wide instructional databases will be provided to help students expand their research/information processing skills.
- Student awareness of a multicultural world will be enhanced through telecommunications access and communication with students and people throughout the world. (could also fall in the Communication and Information Access section)
- The school/district will provide equal access to instructional uses of the computer for all students.

# Sample Technology Plan Goals and Objectives

## *Administration and Management Samples*

### **Administration and Management Goals and Objectives**

Goal 1: Technology will allow administrators to gather and share current and timely information for decision-making at the school board, administration, school, and classroom levels.

Objective 1.1: Administrators will access a document storage/retrieval system to efficiently search among policies, meeting notes, research articles, press releases, and other district communications to gather timely information on specific topics and issues.

Objective 1.2: Administrators will use email to communicate information currently sent in paper format (fax, print memo) whenever appropriate.

Objective 1.3: The school board will populate and maintain a section of the district web site including minutes from board meetings and decisions made by the board.

Goal 2: The school/district will implement a district-wide student information management system to efficiently track student progress, provide teachers with accurate and readily assessable information for planning, and eliminate redundancy of effort in the process of managing student information.

Objective 2.1: Teachers and building administrators will have ongoing access to a district decision-support system that will generate timely reports on student achievement on specific learning standards and, if available, as measured by multiple assessment strategies.

Objective 2.2: All middle and high school teachers will store and manage student assignments and grades using the district-wide student information management system.

Goal 3: All teachers will embrace technology to enhance their own personal and professional productivity, decision-making, and effectiveness.

Objective 3.1: All teachers will demonstrate the use of word processing skills for personal and professional productivity.

Objective 3.2: All teachers will demonstrate the use of database management and manipulation skills to enhance decision-making.

Objective 3.3: All teachers will demonstrate the use of presentation applications to present information visually as well as verbally to increase teaching effectiveness.

# Sample Technology Plan Goals and Objectives

## Additional Administration and Management Goals

- All school, building, and administrative offices will have the capacity to acquire information and perform document processing applications such as: publishing, forms management, data base, spreadsheet, and graphics.
- Communication technologies (e.g. email, electronic bulletin boards, electronic conferencing) will reduce the number of meetings and time spent on necessary logistical coordination while increasing ease, timeliness, and channels of communication.
- School/district staff will gain proficiency with administrative applications to increase productivity, improve management, and enhance decision-making.
- Technology will be used to facilitate the systemic assessment of curriculum, instruction, and learner outcomes.
- The school/district will use technology to coordinate the connecting and sharing of all educational resources among all building, and district personnel.
- The school/district will provide electronic communication among all school buildings and the central office.
- The school/district will use technology to enhance all record keeping and information sharing.
- The school/district will use technology to provide interconnection of offices, education resource centers, and libraries.
- School/district leadership will integrate technology to ensure sound educational progress, financial integrity, and comprehensive facility management.
- School/district leadership will model the use of technology resources to increase productivity, facilitate communication, improve management, and enhance decision-making.

# Sample Technology Plan Goals and Objectives

## *Communication and Information Access Samples*

### **Communication and Information Access Goals and Objectives**

Goal 1: All teachers will have access to technology both in school and at home.

Objective 1.1: All teachers will have assured availability of a portable or home computer that enables electronic access to appropriate school/district information on a 24x7 basis.

Objective 1.2: Remote access Internet access strategies will be developed for all staff (those within the local dialing exchange and those beyond) allowing staff to send and receive email from home.

Goal 2: The school/district will enhance and upgrade the communication systems to facilitate exchange between school professionals and parents to address the multiple needs of the learning community.

Objective 2.1: Teachers will use a district-supported voice messaging system to enhance global communications with parents.

Objective 2.2: All schools will develop and maintain a building web-site to communicate to the learning community on event calendars, educational programs, special projects and opportunities, available resources, and special services.

Goal 3: The school/district will use technology to improve communication among all teachers, administrators, and support personnel.

Objective 3.1: All professional and support personnel will use a district-wide e-mail system to communicate within and among schools and offices and reduce the need for group meeting time.

Objective 3.2: Daily notices, absence/tardy/dismissal notices, and other regular announcements from school office staff will be sent to teachers and staff via email.

Goal 4: All students will know how to access and use print, electronic, three-dimensional, and visual resources for research and learning activities.

Objective 4.1: All students will be able to search a card catalog to find print resources within the building, the district, and the municipal library.

Objective 4.2: All students will be able to search age appropriate information on the Internet to support research and learning activities.

Objective 4.3: All students will be fluent at searching for and using age appropriate digital and video content as a learning resource.

# Sample Technology Plan Goals and Objectives

## Additional Communication and Information Access Goals

- A local-area data network interconnecting all school offices and classrooms will be established to improve communication, share data, and eliminate redundancy within the school/district.
- All students will have access to technology both within and outside the school.
- District technology staff will stay abreast of emerging networking strategies, including infra-red and satellite connectivity to help ensure a long-lived and robust infrastructure.
- School councils and staff will use technology to access current research on issues in education to continue growth and understanding of teaching, learning, and management processes.
- Students and staff will have building-level access to a wide area network for communicating and accessing information beyond the classroom environment.
- Students, teachers, administrators, and the school community will have appropriate access to world-wide communications and educational resources.
- The school/district will provide equal access to instructional computer software across the network to increase access, economize on resources, and ensure equity.
- The school/district will provide students, teachers, administrators, and the school community communication channels for cooperative, enhanced learning opportunities, collaboration and sharing of ideas, and improved decision making.
- School/district leadership will support the full implementation of an information system network to facilitate communication among and between all community stakeholders (school boards, citizens, parents, staff, students, community agencies, businesses, municipal government, libraries and museums).
- The library/media centers within our school/district will become the hub of information access, including print, electronic, and three-dimensional resources.