

3

Technology Applications

Texas Essential Knowledge and Skills (TEKS)

Curriculum Connections

Planning Tool

Quick Reference Sheet



Language Arts

- 3.7B read from a variety of genres for pleasure and to acquire information from both print and electronic sources
- 3.8C use resources and references such as beginners' dictionaries, glossaries, available technology, and context to build word meanings and to confirm pronunciations of words
- 3.10B demonstrate understanding of informational text in a variety of ways through writing, illustrating, developing demonstrations, and using available technology
- 3.12D use multiple sources, including print such as an encyclopedia, technology, and experts, to locate information that addresses questions
- 3.18E use available technology for aspects of writing such as word processing, spell checking, and printing
- 3.20C take simple notes from relevant sources such as classroom guests, books, and media sources
- 3.20D compile notes into outlines, reports, summaries, or other written efforts using available technology

Mathematics

Introduction: ... students use (mathematical) processes together with technology ... to develop conceptual understanding and solve problems as they do mathematics.

- 3.15D use tools such as real objects, manipulatives, and technology to solve problems
- 3.16A explain and record observations using objects, words, pictures, numbers, and technology

Science

Introduction: Students also use computers and information technology tools to support scientific investigations.

- 3.2A plan and implement descriptive investigations including asking well-defined questions, formulating testable hypotheses, and selecting and using equipment and technology
- 3.4A collect and analyze information using tools including calculators, microscopes, cameras, safety goggles, sound recorders, clocks, computers, thermometers, hand lenses, meter sticks, rulers, balances, magnets, and compasses

Social Studies

Strand: Social studies skills. The student applies critical-thinking skills to organize and use information acquired from a variety of sources including electronic technology.

- 3.16A obtain information, including historical and geographic data about the community, using a variety of print, oral, visual, and computer sources
- 3.16D use various parts of a source, including the table of contents, glossary, and index, as well as keyword computer searches, to locate information