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Technology Applications Texas Essential Knowledge and Skills (TEKS) *Curriculum Connections Planning Tool* Quick Reference Sheet



Language Arts

- 4.9C use multiple reference aids, including a thesaurus, a synonym finder, a dictionary, and software, to clarify meanings and usage
- 4.13C use multiple sources, including electronic texts, experts, and print resources, to locate information relevant to research questions
- 4.19F use available technology to support aspects of creating, revising, editing, and publishing texts
- 4.21C take notes from relevant and authoritative sources such as guest speakers, periodicals, and on-line searches
- 4.21E present information in various forms using available technology
- 4.22B correspond with peers or others via e-mail or conventional mail
- 4.23B interpret important events and ideas gathered from maps, charts, graphics, video segments, or technology presentations
- 4.24B compare and contrast print, visual, and electronic media such as film with written story
- 4.25B produce communications using technology or appropriate media such as developing a class newspaper, multimedia reports, or video reports

Mathematics

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

- 4.14D use tools such as real objects, manipulatives, and technology to solve problems. (incorrectly noted on poster as 4.15D)
- 4.15A 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.

- 4.2A plan and implement descriptive investigations including asking well-defined questions, formulating testable hypotheses, and selecting and using equipment and technology
- 4.4A collect and analyze information using tools including calculators, safety goggles, microscopes, cameras, sound recorders, computers, hand lenses, rulers, thermometers, meter sticks, timing devices, balances, 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.

- 4.22A differentiate between, locate, and use primary and secondary sources such as computer software; interviews; biographies; oral, print, and visual material; and artifacts to acquire information about the United States and Texas