NCSS THEMATIC STANDARDS

8. SCIENCE, TECHNOLOGY, AND SOCIETY

Social Studies teachers should possess the knowledge, capabilities, and dispositions to organize and provide instruction at the appropriate school level for the study of science, technology, and society.

Teacher Expectations
Teachers of social studies at all school levels should provide developmentally appropriate experiences as they guide learners in the study of science and technology. They should

_____ • enable learners to identify, describe, and examine both current and historical examples of the interaction and interdependence of science, technology, and society in a variety of cultural settings;

_____ • provide opportunities for learners to make judgments about how science and technology have transformed the physical world and human society and our understanding of time, space, place, and human-environment interactions;

_____ • have learners analyze the way in which science and technology influence core societal values, beliefs, and attitudes and how societal attitudes shape scientific and technological change;

_____ • prompt learners to evaluate various policies proposed to deal with social changes resulting from new technologies;

_____ • help learners to identify and interpret various perspectives about human societies and the physical world using scientific knowledge, technologies, and ethical standards from diverse world cultures;

_____ • encourage learners to formulate strategies and develop policy proposals for influencing public discussions associated with science/technology-society issues.

COMMENTS