

TEKS for Front Page Project

Seventh Grade Science

7.3D – Scientific processes: The student uses critical thinking and scientific problem solving to make informed decisions. The student is expected to evaluate the impact of research on scientific thought, society, and the environment.

7.5A – Science concepts: The student knows that an equilibrium of a system may change. The student is expected to describe how systems may reach an equilibrium such as when a volcano erupts.

7.8A – Science concepts: The student knows that complex interactions occur between matter and energy. The student is expected to illustrate examples of potential and kinetic energy in everyday life such as objects at rest, movement of geologic faults, and falling water.

7.14A – Science concepts: The student knows that natural events and human activity can alter Earth systems. The student is expected to describe and predict the impact of different catastrophic events on the Earth.

Technology Applications (Computer Literacy) Grades 6-8

(c) Knowledge and Skills

1A – Foundations: The student demonstrates knowledge and appropriate use of hardware components, software programs, and their connections. The student is expected to demonstrate knowledge and appropriate use of operating systems, software applications, and communication and networking components.

1B – Foundations: The student demonstrates knowledge and appropriate use of hardware components, software programs, and their connections. The student is expected to compare, contrast, and appropriately use the various input, processing, output, and primary/secondary storage devices.

1C – Foundations: The student demonstrates knowledge and appropriate use of hardware components, software programs, and their connections. The student is expected to demonstrate the ability to select and use software for a defined task according to quality, appropriateness, effectiveness, and efficiency.

1E – Foundations: The student demonstrates knowledge and appropriate use of hardware components, software programs, and their connections. The student is expected to use technology terminology appropriate to the task.

1F – Foundations: The student demonstrates knowledge and appropriate use of hardware components, software programs, and their connections. The student is expected to perform basic software application functions including, but not limited to, opening an application program and creating, modifying, printing, and saving documents.

1H – Foundations: The student demonstrates knowledge and appropriate use of hardware components, software programs, and their connections. The student is expected to use terminology related to the Internet appropriately including, but not limited to, electronic mail (e-mail), Uniform Resource Locators (URLs), electronic bookmarks, local area networks (LANs), wide area networks (WANs), World Wide Web (WWW) page, and HyperText Markup Language (HTML).

2A – Foundations: The student uses data input skills appropriate to the task. The student is expected to demonstrate proficiency in the use of a variety of input devices such as mouse/track pad, keyboard, microphone, digital camera, printer, scanner, disk/disc, modem, CD-ROM, or joystick.

3A – Foundations: The student uses data input skills appropriate to the task. The student is expected to demonstrate proficiency in the use of a variety of input devices such as mouse/track pad, keyboard, microphone, digital camera, printer, scanner, disk/disc, modem, CD-ROM, or joystick

3B – Foundations: The student complies with the laws and examines the issues regarding the use of technology in society. The student is expected to demonstrate proper etiquette and knowledge of acceptable use while in an individual classroom, lab, or on the Internet and intranet.

4B – Information acquisition: The student uses a variety of strategies to acquire information from electronic resources, with appropriate supervision. The student is expected to apply appropriate electronic search strategies in the acquisition of information including keyword and Boolean search strategies.

6A – Information acquisition: The student evaluates the acquired electronic information. The student is expected to determine and employ methods to evaluate the electronic information for accuracy and validity

6B – Information acquisition: The student evaluates the acquired electronic information. The student is expected to resolve information conflicts and validate information through accessing, researching, and comparing data.

6C – Information acquisition: The student evaluates the acquired electronic information. The student is expected to demonstrate the ability to identify the source, location, media type, relevancy, and content validity of available information.

10D – Communication: The student formats digital information for appropriate and effective communication. The student is expected to demonstrate appropriate use of fonts, styles, and sizes, as well as effective use of graphics and page design to effectively communicate.

11A – Communication: The student delivers the product electronically in a variety of media, with appropriate supervision. The student is expected to publish information in a variety of ways including, but not limited to, printed copy, monitor display, Internet documents, and video.