

**Correlation of MicroWorlds EX and the
Texas Essential Knowledge and Skills for
Technology Applications
Elementary Grades 3-5**

- 2 **Foundations. The student uses data input skills appropriate to the task.**
The student is expected to:
A. use a variety of input devices such as mouse, keyboard, disk drive, modem, voice/sound recorder, scanner, digital video, CD-ROM, or touch screen;
D. produce documents at the keyboard, proofread, and correct errors;
- 5 **Information acquisition. The student acquires electronic information in a variety of formats, with appropriate supervision.**
The student is expected to:
A. acquire information including text, audio, video, and graphics; and
B. use on-line help and documentation.
- 7 **Solving problems. The student uses appropriate computer-based productivity tools to create and modify solutions to problems.**
The student is expected to:
A. use software programs with audio, video, and graphics to enhance learning experiences;
B. use appropriate software to express ideas and solve problems including the use of word processing, graphics, databases, spreadsheets, simulations, and multimedia; and
C. use a variety of data types including text, graphics, digital audio, and video.
- 8 **Solving problems. The student uses research skills and electronic communication, with appropriate supervision, to create new knowledge.**
The student is expected to:
A. use communication tools to participate in group projects;
B. use interactive technology environments, such as simulations, electronic science or mathematics laboratories, virtual museum field trips, or on-line interactive lessons, to manipulate information
- 10 **Communication. The student formats digital information for appropriate and effective communication.** The student is expected to:
A. use font attributes, color, white space, and graphics to ensure that products are appropriate for the defined audience;
B. use font attributes, color, white space, and graphics to ensure that products are appropriate for the communication media including multimedia screen displays, Internet documents, and printed materials; and

11 **Communication. The student delivers the product electronically in a variety of media, with appropriate supervision.**

The student is expected to:

- A. publish information in a variety of media including, but not limited to, printed copy, monitor display, Internet documents, and video; and
- B. use presentation software to communicate with specific audiences.