

Technology Application TEKS Checklist Grade 5

RISD Instructional Technology Specialists added the italicized information for clarification purposes.

Performance Descriptor	I	A	M	Date Completed
1. Foundations: The student demonstrates knowledge and appropriate use of hardware components, software programs, and their connections. The student is expected to:				
(A) Uses technology terminology appropriate to the task		A		
(B) Save and delete files, use menu options and commands, and work with more than one software application			M	
(C) Identify and describe the characteristics of digital input, processing, and output			M	
(D) Delineate and make necessary adjustments regarding compatibility issues including, but not limited to, digital file format and cross platform connectivity			M	
(E) Access remote equipment on a network such as a printer or other peripherals			M	
2. Foundations: 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			M	
(B) Use proper keyboarding techniques such as correct hand and body positions and smooth and rhythmic keystroke patterns			M	
(C) Demonstrate touch keyboarding techniques for operating the alphabetic, numeric, punctuation, and symbol keys as grade-level appropriate			M	
(D) Produce documents at the keyboard, proofread, and correct errors			M	
(E) Use language skills including capitalization, punctuation, spelling, word division, and use of numbers and symbols as grade-level appropriate			M	
(F) Demonstrate an appropriate speed on short timed exercises depending upon the grade level and hours of instruction			M	
3. Foundations: Complies with laws and examines issues regarding use of technology in society. The student is expected to:				
(A) Follow acceptable use policies when using computers			M	
(B) Model respect of intellectual property by not illegally copying software or another individual's electronic work			M	
4. Information Acquisition: Uses a variety of strategies to acquire information from electronic resources, with appropriate supervision. The student is expected to:				
(A) Apply appropriate electronic search strategies in the acquisition of information including keyword and Boolean search strategies			M	
(B) Select appropriate strategies to navigate and access information on local area networks (LANs) and wide area networks (WANs), including the Internet and intranet, for research and resource sharing			M	
5. Information Acquisition: Acquires electronic information in variety of formats, with appropriate supervision. The student is expected to:				
(A) Acquire information including text, audio, video, and graphics			M	
(B) Use on-line help and documentation		A		
6. Information Acquisition: Evaluates acquired electronic information. The student is expected to:				
(A) Apply critical analysis to resolve information conflicts and validate information		A		

I = Introduce | A = Apply | M = Master

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(B) Determine the success of strategies used to acquire electronic information			M	
(C) Determine usefulness and appropriateness of digital information		A		
7. 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			M	
(B) Use appropriate software to express ideas and solve problems including the use of word processing, graphics, databases, spreadsheets, simulations, and multimedia			M	
(C) Use a variety of data types including text, graphics, digital audio, and video			A	
8. 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		A		
(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			M	
(C) Participate with electronic communities as a learner, initiator, contributor, or mentor		A		
9. Uses technology applications to facilitate evaluation of work, both process and product. The student is expected to:				
(A) Use software features, such as on-line help, to evaluate work progress			M	
(B) Use software features, such as slide show previews, to evaluate final product			M	
10. 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			M	
(B) Use font attributes, color, white space, and graphics to ensure that products are appropriate for the communication media including multimedia screen displays and material			M	
(C) Use appropriate applications including, but not limited to, spreadsheets and databases to develop charts and graphs by using data from various sources			M	
11. 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		A		
(B) Use presentation software to communicate with specific audiences			M	
12. Uses technology applications to facilitate evaluation of communication, both process and product. The student is expected to:				
(A) Select representative products to be collected and stored in an electronic evaluation tool			M	
(B) Evaluate the product for relevance to the assignment or task			M	
(C) Create technology assessment tools to monitor progress of project such as checklists, timelines, or rubrics		A		

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