

Technology

Kindergarten

Standard 1 Fundamental Operations and Concepts Students understand the operations and function of technology systems and are proficient in the use of technology.	
Concepts	
T00- S1C1 Basic Technology Components (1T-R1)	Communicate about basic technology components using developmentally appropriate and accurate terminology
T00- S1C2 Input and output devices (1T-R2)	Use input devices and output devices successfully to operate computers, VCRs, audiotapes, and other technologies

Students should know and be able to...					
Concept Number	Concept	PO No.	Performance Objective	Vocabulary	Notes/Support Materials
S1C1 (1T-R1)	Basic Technology Components: Communicate about basic technology components using developmentally appropriate and accurate terminology	1	Use basic vocabulary related to the use of technology (e.g., mouse, keyboard, monitor, toolbar, menu, window, folder, icon, spreadsheet, word processor, cassette player, CD player versus DVD versus video tape, video camera) - login (log- in), cursor, scroll, scroll bar, hour glass/ watch (busy), word processing, Internet, maximize, network, directory, file, open file		
		2	Identify the components of a computer (e.g., mouse, keyboard, monitor, CPU, printer) - headphones, speakers		Tekki Pup*

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Students should know and be able to...					
Concept Number	Concept	PO No.	Performance Objective	Vocabulary	Notes/Support Materials
S1C2 (1T-R2)	Input and output devices: Use input devices and output devices successfully to operate computers, VCRs, audiotapes, and other technologies	1	Demonstrate start up and shut down procedures of basic technology components (e.g., computers, tape recorders, cassette players, VCRs) <ul style="list-style-type: none"> - Use assigned log-in numbers/names - Use Log Off 	log-in, log off	Carnival Countdown Software
		2	Use devices to complete a task (e.g., mouse, keyboard, printer, remote control, microphone) <ul style="list-style-type: none"> - Single-click - Double-click - Left-click mouse 	single-click, double-click, left click	Kid Pix Software Patterns and Partners*
		MPS3	Use developmentally appropriate keyboard techniques <ul style="list-style-type: none"> - Recognize and locate alphabetic keys - Recognize and locate numeric keys 	alphabetic, numeric	
		MPS4	Demonstrate appropriate use of special keys <ul style="list-style-type: none"> - Shift, arrow, spacebar, Backspace, Enter, Esc 	shift, spacebar, backspace, enter, arrow	

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Standard 2 Social, Ethical, and Human Issues Students understand the social, ethical and human issues related to using technology in their daily lives and demonstrate responsible use of technology systems, information and software.	
Concepts T00- S2C1 Cooperation Work cooperatively and collaboratively when using technology in the classroom (2T-R1) T00- S2C2 Responsible Use Practice responsible use of technological devices (2T-R2)	

Students should know and be able to...					
Concept Number	Concept	PO No.	Performance Objective	Vocabulary	Notes/Support Materials
S2C1 (2T-R1)	Cooperation: Work cooperatively and collaboratively when using technology in the classroom	1	Demonstrate respect for other students while using technology (e.g., take turns, share resources) - Allow peers to work uninterrupted - Keep hands and feet to self	respect, uninterrupted	Patterns and Partners *
		2	Demonstrate appropriate behavior (e.g., use only your documents and folders)		
S2C2 (2T-R2)	Responsible Use Practice responsible use of technological devices	1	Operate equipment to ensure equipment is unharmed (e.g., do not bang on keys; no food or objects near equipment; care for disks and CD-ROM; use proper shut down procedures) (See Technology IT-R2, PO1). - clean hands, clean work area, no magnets		
		2	Recognize that damaging school equipment is destroying public property		

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Concept Number	Concept	PO No.	Performance Objective	Vocabulary	Notes/Support Materials
S2C2 (2T-R2)	Responsible Use Practice responsible use of technological devices	3	Recognize that changing someone's work without permission is unacceptable		

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Standard 3 Technology Productivity Tools Students use technology tools to enhance learning, to increase productivity and creativity, and to construct technology-enhanced models, prepare publications and produce other creative works.	
Concepts T00- S3C1 Drawing Tools Use technology drawing tools for communicating and illustrating (3T-R1) T00- SMPS3C2 Word Processing Use technology word processing tools for communicating	

Students should know and be able to...					
Concept Number	Concept	PO No.	Performance Objective	Vocabulary	Notes/Support Materials
S3C1 (3T-R1)	Drawing Tools Use technology drawing tools for communicating and illustrating	1	Using a drawing program, create a picture story with support from teacher, family members or student partner	paint tools, draw tools	Food Shapes* Our Kindergarten Classmates* Appleworks Software Kid Pix Software
		2	Using a drawing program, add name and letters to illustrations		
SMPS3 C2	Word Processing Use technology word processing tools for communicating	1	Use appropriate techniques for producing word processing documents - Open, print and close documents - Type alphabetic letters and numbers	word processing	Letter Sounds and the Keyboard* 5 Senses and All About Me* Appleworks Software

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Standard 4 Technology Communications Tools
Building on productivity tools, students will collaborate, publish, and interact with peers, experts and other audiences using telecommunications and media.

No concepts identified for this level.

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<p>Standard 5 Technology Research Tools Students utilize technology-based research tools to locate and collect information pertinent to the task, as well as evaluate and analyze information from a variety of sources. No concepts identified for this standard at the state level.</p>	
<p>Concepts T00- SMPS5C1 On-line Resources</p>	<p>Use appropriate (content-specific) on-line resources to support learning and research</p>

Students should know and be able to...					
Concept Number	Concept	PO No.	Performance Objective	Vocabulary	Notes/Support Materials
T00-SMPS5C1	On- line Resources: Use appropriate (content-specific) on-line resources to support learning and research	MPS1	Use appropriate (content-specific) on-line resources to support learning and research - Utilize information from age-appropriate websites, portals and/or safe search engines, i.e., Yahoooligans, www.mpsaz.org/edtech , etc.		MPS Educational Technology Resources Web site- Pre K-K: http://www.mpsaz.org/edtech/ Yahoooligans: http://yahooligans.yahoo.com/

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Standard 6 Technology as a Tool for Problem Solving and Decision-making

Students use technology to make and support decisions in the process of solving real-world problems.

No concepts identified for this level.

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