

NYS Standards Alignment

Technology Grade Level Goals: K-12

Jefferson Central School

I=Introduced R=Reinforced C=Competency

		K	1	2	3	4	5	6	7	8	9	10	11	12
	Computer Use and Terminology													
MST 2 & 5	Launches a computer program	I	R	R	C									
MST 5	Identifies monitor	I	R	R	C									
MST 5	Identifies keyboard	I	R	R	C									
MST 5	Identifies CPU (central processing unit)	I	R	R	C									
MST 5	Identifies printer	I	R	R	C									
MST 5	Identifies scanner			I	R	C								
MST 5	Identifies computer communication				I	R	R	R	R	C				
MST 5	Identifies digital camera				I	R	R	R	R	C				
MST 2	Uses basic computer vocabulary	I	R	R	R	R	R	C						
MST 2	Uses advanced computer vocabulary								I	R	R	R	R	C
MST 5	Assembles computer system (components)					I	R	C						
MST 2	Is aware of school networking/software				I	R	R	R	R	C				
MST 2, CDOS 3A	Selects appropriate hardware for given task	I	R	R	C									
MST 2, CDOS 3A	Selects appropriate software for given task	I	R	R	R	C								
MST 5	Understands a virus						I	R	R	C				
MST 2	Uses information provided on screen to operate a program	I	R	R	R	R	R	C						
MST 5	Identifies input-output memory processing				I	R	R	R	R	C				
MST 5	Discusses reasons for back-up procedures			I	R	C								
MST 5	Demonstrates back-up procedure			I	R	R	R	C						
MST 5, CDOS 3A	Identifies ways technology has changed the lives of people		I	R	R	C								
MST 5, CDOS 3A	Identifies ways technology has impacted society		I	R	R	C								
HPEFCS 3	Identifies roles of technology for variety of career areas						I	R	R	R	R	R	R	C
MST 5	Identifies computer as machine for work & play	I	R	R	C									
MST 5, HPEFCS 3	Identifies uses of technology in community		I	R	R	R	R	C						

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	Computer Etiquette													
CDOS 3A	Discusses acceptable behavior -working near a computer	I	R	R	C									
CDOS 3A	Demonstrates proper lab etiquette	I	R	R	C									
MST 5	Demonstrates proper start-up and shut-down procedures				I	R	C							
MST 5	Demonstrates proper care of diskettes and CD's	I	R	C										
MST 5	Demonstrates respect of computer work of others				I	R	C							
SS 1	Is aware of rights of ownership of individual work				I	R	C							
SS 1	Explains copy-right laws					I	R	C						
SS 1, MST 5	Knows consequences of disobeying copyright laws					I	R	C						
SS 1	Discusses reasons for security measures (password, lock-out)				I	R	C							
	Keyboarding													
MST 2, 5, CDOS 3B	Identifies home row characters (a, s, d, f, g, h, j, k, l, ;))		I	R	C									
MST 2, 5, CDOS 3B	Identifies other keyboard characters (not home row)		I	R	C									
MST 2, 5, CDOS 3B	Maintains hand control over home row				I	R	R	C						
MST 2, 5, CDOS 3B	Maintains hand control over keyboard					I	R	R	R	R	C			
MST 2, 5, CDOS 3B	Demonstrates proper reaches for alphabet keys				I	R	C							
MST 2, 5, CDOS 3B	Uses numbers, space bar and enter key				I	R	C							
MST 2, 5, CDOS 3B	Uses shift key	I	R	R	C									
MST 2, 5, CDOS 3B	Uses delete, and arrow keys				I	R	C							
MST 2, 5, CDOS 3B	Uses punctuation keys and caps lock				I	R	C							
MST 2, 5, CDOS 3B	Identifies shift command	I	R	R	C									
MST 2, 5, CDOS 3B	Uses keyboard commands (alt, control, window keys)						I	R	C					
MST 2, 5, CDOS 3B	Demonstrates proper spacing, after words, punctuation				I	R	R	C	C					
MST 2, 5, CDOS 3B	Demonstrates proper position in front of the keyboard				I	R	C							
MST 2, 5, CDOS 3B	Maintains eyes on copy, not keyboard						I	R	R	R	C			
MST 2, 5, CDOS 3B	Demonstrates proper touch-typing techniques						I	R	R	R	C			
MST 2, 5, CDOS 3B	Uses shortcuts in programs						I	R	R	R	R	R	R	C
MST 2, 5, CDOS 3B	Keyboard 25 wpm with no more than 3 errors, 3 minutes							I	R	R	C			
MST 2, 5, CDOS 3B	Keyboard 40 wpm with no more than 3 errors, 3 minutes										I	R	R	C

		K	1	2	3	4	5	6	7	8	9	10	11	12
	Researching (software and Internet)													
ELA 2, MST 2, 5, HPEFCS 3	Locates research resources				I	R	R	C						
ELA 2, MST 2, 5, HPEFCS 3	Analyzes data found from research						I	R	R	C				
ELA 2, MST 2, 5, HPEFCS 3	Determines accuracy/relevancy of primary source						I	R	R	C				
ELA 2, MST 2, 5, HPEFCS 3	Determines accuracy/relevancy of secondary source						I	R	R	C				
ELA 2, MST 2, 5, HPEFCS 3	Locates specific information				I	R	R	C						
ELA 2, MST 2, 5, HPEFCS 3	Identifies keywords for research				I	R	R	C						
ELA 2, MST 2, 5, HPEFCS 3	Downloads information					I	R	C						
ELA 2, MST 2, 5, HPEFCS 3	Retrieves downloaded information (uploading)					I	R	C						
ELA 2, MST 2, 5, HPEFCS 3	Eliminates excess information from research					I	R	R	R	C				
ELA 2, MST 2, 5, HPEFCS 3	Recognizes scams					I	R	C						
ELA 2, MST 2, 5, HPEFCS 3	Recognizes bias and opinions						I	R	R	C				
ELA 2, MST 2, 5, HPEFCS 3	Readability of primary source				I	R	R	C						
ELA 2, MST 2, 5, HPEFCS 3	Readability of secondary source						I	R	R	C				
ELA 2, MST 2, 5, HPEFCS 3	Understands "And", "or", "But" keywords (boolean)						I	R	C					
ELA 2, MST 2, 5, HPEFCS 3	Understands spooling								I	R	R	R	R	C
ELA 2, MST 2, 5, HPEFCS 3	Understand queue								I	R	R	R	R	C
ELA 2, MST 2, 5, HPEFCS 3	Accesses websites				I	R	R	C						
CDOS 1	Performs college career searches									I	R	R	R	C
ELA 2, MST 2, 5, HPEFCS 3	Uses up-to-date authoritative resources					I	R	R	R	C				
ELA 2, MST 2, 5, HPEFCS 3	Clarifies information from research					I	R	R	R	C				

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	Word Processing/Desktop Publishing													
ELA 1, MST 2, 5	Identifies basic word-processing terminology	I	R	R	C									
ELA 2, MST 2, 5	Identifies advanced word-processing terminology				I	R	R	R	R	R	C			
ELA 1	Enters ideas about topic on computer				I	R	R	R	R	R	C			
ELA 1, MST 2, 5	Demonstrates proof reading techniques				I	R	R	R						
ELA 1, MST 2, 5	Uses of tab key to mark paragraphs				I	R	C							
ELA 1, MST 2, 5	Uses word wrap				I	R	C							
ELA 1, MST 2, 5	Uses "enter" key				I	R	C							
MST 2, 5	Demonstrates scrolling				I	R	C							
ELA 1, MST 2, 5, ARTS 1	Demonstrates ways to enhance text				I	R	R	R	R	R	C			
ELA 1, MST 2, 5	Uses spell-check				I	R	R	R	R	C				
ELA 1, MST 2, 5	Uses Grammar check for appropriate software								I	R	R	R	R	C
ELA 1, MST 2, 5	Uses electronic thesaurus						I	R	R	C				
ELA 1, MST 2, 5, ARTS 1	Identifies difference between graphic and text	I	R	R	C									
ELA 1, MST 2, 5, ARTS 1	Uses meaningful graphics appropriate to documents				I	R	R	R	R	C				
ELA 1, MST 2, 5, ARTS 1	Inserts clip-art				I	R	R	C						
ELA 1, MST 2, 5, ARTS 1	Inserts graphics from a variety of sources						I	R	R	C				
ELA 1, MST 2, 5, ARTS 1	Integrates graphics and text to produce documents						I	R	R	C				
ELA 1, MST 2, 5	Demonstrates Copy and paste						I	R	C					
ELA 1, MST 2, 5	Demonstrates text justification				I	R	C							
ELA 1, MST 2, 5, ARTS 1	Uses software for banners and greeting cards					I	R	C						
ELA 1, MST 2, 5, ARTS 1	Uses of borders for publishing				I	R	C							
ELA 1, MST 2, 5	Formats a disk								I	R	C			
ELA 1, MST 2, 5	Understands bmp, gif, bif, (file extensions)						I	R	R	C				
ELA 1, MST 2, 5	Understands Wizards					I	R	R	C					
ELA 1, MST 2, 5	Saves on a disk				I	R	C							
ELA 1, MST 2, 5	Saves on a hard drive				I	R	C							
ELA 1, MST 2, 5, ARTS 1	How to crop an image					I	R	C						
ELA 1, MST 2, 5	Integrates applications (mail-merge)								I	R	R	C		

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	Database													
MST 1,2,5,7	Knows database terms						I	R	R	R	C			
MST 1,2,5,7	Enters information into pre-designed database						I	R	C					
MST 1,2,5,7	Searches and sorts using database						I	R	R	R	C			
MST 1,2,5,7	Designs project- specific database						I	R	R	R	C			
MST 1,2,5,7	Creates labels								I	R	C			
MST 1,2,5,7	Deciphers directory tree										I	R	R	C
	Spreadsheets													
MST 2, 5	Knows spreadsheet terms						I	R	R	R	C			
MST 2, 5	Enters data into pre-designed spreadsheet						I	R	C					
MST 2, 5	Sets up and enters data into spreadsheet						I	R	C					
MST 2, 5	Enters calculations into spreadsheet						I	R	C					
MST 2, 5	Edits data in spreadsheet						I	R	C					
MST 2, 5	Creates graphs using chart wizard						I	R	R	R	R	R	R	C
MST 2, 5	Demonstrates more complex graphing								I	R	R	R	R	C
MST 2, 5	Calculates, sorts and interprets spreadsheet info						I	R	R	R	C			