

2016 Technology Standards and Substandards

	Standards	Substandards				
Kindergarten	<i>Novice Learner</i>	Demonstrates and uses proper technology terminology	Demonstrates the basic operation of the device	Demonstrates the basic operation of a web browser		
	<i>Digital Citizen</i>	Complies with the terms of the AUP				
	<i>Knowledge Curator</i>	Demonstrates basic word processing skills				
	<i>Innovative Designer</i>	Demonstrates basic ability to use painting/drawing tools	Uses basic coding application			
First Grade	<i>Novice Learner</i>	Demonstrates and uses proper technology terminology	Demonstrates the basic operation of the device	Demonstrates the basic operation of a web browser		
	<i>Digital Citizen</i>	Complies with the terms of the AUP				
	<i>Knowledge Curator</i>	Demonstrates basic word processing skills	Uses keywords in a search engine			
	<i>Innovative Designer</i>	Demonstrates basic ability to use painting/drawing tools	Uses basic coding application			
Second Grade	<i>Novice Learner</i>	Demonstrates and uses proper technology terminology	Demonstrates the basic operation of the device	Demonstrates the basic operation of a web browser	Demonstrates the ability to create, edit and save files	
	<i>Digital Citizen</i>	Complies with the terms of the AUP	Applies simple research citations			
	<i>Knowledge Curator</i>	Demonstrates basic word processing skills	Uses keywords in a search engine			
	<i>Innovative Designer</i>	Demonstrates basic ability to use painting/drawing tools	Uses basic coding application			
	<i>Creator and Communicator</i>	Creates and presents an electronic presentation				
Third Grade	<i>Novice Learner</i>	Demonstrates and uses proper technology terminology	Demonstrates the basic operation of a web browser	Demonstrates the ability to create, edit and save files	Demonstrates proper keyboarding techniques	
	<i>Digital Citizen</i>	Complies with the terms of the AUP	Applies simple research citations	Applies privacy practices (e.g. passwords, logging off, public vs. personal devices)		
	<i>Empowered Learner</i>	Uses digital tools to achieve learning goals				
	<i>Knowledge Curator</i>	Demonstrates ability to create and format a document	Uses keywords in a search engine	Identifies appropriate resources to find information		
	<i>Innovative Designer</i>	Illustrates knowledge using basic painting/drawing tools	Uses basic coding application			
	<i>Computational Thinker</i>	Uses spreadsheet to gather and organize data				
	<i>Creator and Communicator</i>	Creates and presents an electronic presentation				

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Fourth Grade	Novice Learner	Demonstrates and uses proper technology terminology	Demonstrates the use of various parts of a web browser	Demonstrates the ability to create, edit, save and organize files	Demonstrates proper keyboarding techniques		
	Digital Citizen	Complies with the terms of the AUP	Uses citations in research	Understands plagiarism and consequences	Understands cyber safety		
	Empowered Learner	Uses digital tools to achieve learning goals					
	Knowledge Curator	Demonstrates ability to create and format a document	Uses keywords and various search strategies in a search engine	Locates and evaluates resources			
	Innovative Designer	Illustrates knowledge using painting/drawing tools	Uses coding application				
	Computational Thinker	Uses spreadsheet to gather and organize data					
	Creator and Communicator	Creates and presents an electronic presentation					
	Global Collaborator	Shares ideas/projects, using digital tools					
Fifth Grade	Novice Learner	Demonstrates and uses proper technology terminology	Demonstrates the use of various parts of a web browser	Demonstrates the ability to create, edit, save and organize files	Demonstrates proper keyboarding techniques		
	Digital Citizen	Complies with the terms of the AUP	Understands plagiarism and consequences	Understands cyber safety			
	Empowered Learner	Uses digital tools to achieve learning goals	Access learning resources and opportunities				
	Knowledge Curator	Demonstrates ability to create and format a document	Uses keywords and various search strategies in a search engine	Locates and evaluates resources	Uses citations for information and graphics in research		
	Innovative Designer	Illustrates knowledge using painting/drawing tools	Creates simple sequence of code				
	Computational Thinker	Uses spreadsheet to gather and organize data	Creates a graph from data				
	Creator and Communicator	Understands the basic concept of digital communication	Creates and presents an electronic presentation	Creates a digital performance			
	Global Collaborator	Shares ideas/projects, using digital tools	Creates and participates in a group digital project				
Sixth Grade	Novice Learner	Demonstrates the use of advanced features of a web browser	Understands the history of computer development	Understands networking and storage options	Demonstrates understanding of file extensions and domain extensions		
	Digital Citizen	Complies with the terms of the AUP	Complies with copyright guidelines and Fair Use	Understands cyber safety	Understands the issues and effects of cyber bullying		
	Empowered Learner	Chooses appropriate digital tools to achieve learning goals	Access learning resources and opportunities	Applies feedback from others to improve digital projects			
	Knowledge Curator	Demonstrates the use of advanced features of word processing and other applications	Uses keywords and various search strategies in a search engine	Locates and evaluates resources	Uses citations for information and graphics in research		
	Innovative Designer	Illustrates knowledge using painting/drawing tools	Creates simple sequence of code				
	Computational Thinker	Uses spreadsheet to gather, organize and interpret data	Chooses the appropriate type of graph needed to illustrate the given data	Analyzes data using a graph			

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	Creator and Communicator	Understands basic e-mail interface	Creates and presents an electronic presentation	Creates a digital performance			
	Global Collaborator	Shares ideas/projects, using digital tools	Creates and participates in a group digital project				
Seventh Grade	Novice Learner	Uses the advanced features of a web browser	Understands the history of computer development	Understands networking and storage options	Demonstrates understanding of file extensions and domain extensions	Multi-tasks with several programs	Can identify and troubleshoot problems
	Digital Citizen	Complies with the terms of the AUP	Complies with copyright guidelines and Fair Use	Understands cyber safety	Understands the issues and effects of cyber bullying		
	Empowered Learner	Chooses appropriate digital tools to achieve learning goals	Access learning resources and opportunities	Applies feedback from others to improve digital projects			
	Knowledge Curator	Demonstrates the use of advanced features of word processing and other applications	Uses keywords and various search strategies in a search engine	Locates and evaluates resources	Uses citations for information and graphics in research		
	Innovative Designer	Illustrates knowledge using painting/drawing tools	Creates code to create a simple project	Demonstrates knowledge by creating a simple 3D project			
	Computational Thinker	Uses spreadsheet to gather, organize and interpret data	Understands and uses formulas and functions	Chooses the appropriate type of graph needed to illustrate the given data	Analyzes data using a graph		
	Creator and Communicator	Understands acceptable digital communication etiquette	Distinguishes between formal and informal digital communications	Illustrates understanding of visual literacy concepts in an electronic presentation	Illustrates understanding of visual literacy concepts in a digital performance		
	Global Collaborator	Shares ideas/projects, using digital tools	Creates and participates in a group digital project				
Eighth Grade	Novice Learner	Uses the advanced features of a web browser	Understands the history of computer development	Understands networking and storage options	Demonstrates understanding of file extensions and domain extensions	Multi-tasks with several programs	Can identify and troubleshoot problems
	Digital Citizen	Complies with the terms of the AUP	Complies with copyright guidelines and Fair Use	Understands cyber safety	Understands the issues and effects of cyber bullying		
	Empowered Learner	Chooses appropriate digital tools to achieve learning goals	Access learning resources and opportunities	Applies feedback from others to improve digital projects			
	Knowledge Curator	Demonstrates the use of advanced features of word processing and other applications	Uses keywords and various search strategies in a search engine	Locates and evaluates resources	Uses citations for information and graphics in research		
	Innovative Designer	Illustrates knowledge using painting/drawing tools	Creates code to create a simple project	Demonstrates knowledge by creating a simple 3D project			
	Computational Thinker	Uses spreadsheet to gather, organize and interpret data	Understands and uses formulas and functions	Chooses the appropriate type of graph needed to illustrate the given data	Analyzes data using a graph		
	Creator and Communicator	Understands acceptable digital communication etiquette	Distinguishes between formal and informal digital communications	Illustrates understanding of visual literacy concepts in an electronic presentation	Illustrates understanding of visual literacy concepts in a digital performance	Creates a web page to communicate information	
	Global Collaborator	Shares ideas/projects, using digital tools	Creates and participates in a group digital project	Demonstrates Christian values when collaborating with outside agencies using digital tools			