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Florida's State Academic Standards for Computer Science	Concept	TypeTastic Keyboarding Curriculum	Cyberbullying	Copyright	Digital Footprint	Reliable Information	Data Connectivity	Digital Citizen's Basic Skills	Selecting Correct Device	Selecting Correct Software	Office Software	Troubleshooting	Digital Progress	Critical Thinking	Data	Data collection tools [†]	Basics of AI [↑]	CodeMonkey Coding Curriculum
Communication and C	Collaboration																	
SC.5 CC.1 Demonstrate	effective communication.																	
SC.5.CC.1.1	Identify appropriate and inappropriate uses of technology for communication with others.		•			•		•										
SC.5.CC.1.2	Demonstrate ways with or without technology that collaborating with others can support problem solving.							•										
SC.5.CC.1.3	Revise and refine thinking based on peer feedback.																	
SC.5.CC.2 Utilize inform	ation gathered using digital resources.																	
SC.5.CC.2.1	Research and use information gathered from digital resources.					•			•		•							
SC.5.CC.2.2	Support ideas using collected evidence through research.								•		•							
Personal Health and S	iafety																	
SC.5.HS.1. Implement sa	fe and healthy Internet practices in-home or educational s	settings.																
SC.5.HS.1.1	Discuss the importance of a search engine's safe- search feature.																	
SC.5.HS.1.2	Describe the role that parental digital monitoring programs play in Internet safety.																	
SC.5.HS.1.3	Describe threats to safe and efficient use of electronic devices.		•		•	•	•	•				•						





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SC.5.HS.2. Discuss the	mental and physiological effects of digital device use.																	
SC.5.HS.2.1	Define the 20-20-20 rule for technology.																	
SC.5.HS.2.2	Discuss ways to counteract digital fatigue.							•										
SC.5.HS.3 Discuss the ir	npact of digital media and communication.																	
SC.5.HS.3.1	Explain the impact of digital media, communication and the consequences of cyberbullying and harassment.		•					•										
Computing Componer	nts																	
SC.5.CO.1 Apply foundation	tional computer literacy skills.																	
SC.5.CO.1.1	Describe the function and purpose of various input/ output devices.								•									
SC.5.CO.1.2	Create a digital project that answers a research question, clearly communicating thoughts and ideas.																	
SC.5.CO.1.3	Explore the use of keyboard shortcuts.																	
SC.5.CO.1.4	Explore the use of the keyboard with proper finger placement for all rows.	•																
SC.5.CO.1.5	Explain how computers access a network and how to effectively troubleshoot.											•						
SC.5.CO.1.6	Explain how computers can communicate to transfer data.						•								•			
SC.5.CO.2 Introduce the	e concept of hardware components.																	
SC.5.CO.2.1	Identify hardware components in the computation cycle as input, processing, output and storage.								•						•			
SC.5.CO.2.2	Troubleshoot hardware problems that may occur during everyday use.											•						





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SC.5.CO.3 Introduce the	e concept of software components.							1	1			1		1				
SC.5.CO.3.1	Identify software components in the computation cycle as input, processing, output and storage.									•					•			
SC.5.CO.3.2	Troubleshoot software problems that may occur during everyday use.											•						
Programming and Sof	itware Engineering																	
SC.5.PE.1 Investigate the	e uses of computer programs.																	
SC.5.PE.1.1	Explain how computers model intelligent behavior.														•			
SC.5.PE.1.2	Create a program in a graphical environment.																	•*
SC.5.PE.1.3	Create a program using arithmetic operators, conditionals and repetition in programs.																	•*
SC.5.PE.1.4	Detect and correct program errors.																	•*
SC.5.PE.2 Interpret visu	al representations of data.					I I			1			1	1	1	1			
SC.5.PE.2.1	Describe examples of databases from everyday life.														•			
SC.5.PE.2.2	Identify data types and data structures.														•			
SC.5.PE.2.3	Analyze the data from a given scenario.														•			
SC.5.PE.3 Demonstrate	problem-solving strategies.																	
SC.5.PE.3.1	Identify the concepts illustrated by a simulation that offers problems and solutions.																	
SC.5.PE.3.2	Solve problems using digital graphic organizers.																	





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SC.5.PE.3.3	Explain that there are several possible algorithms for searching within a dataset.															•		
SC.5.PE.3.4	Explain how to identify and correct logical errors in algorithms.																	•*
Technological Impact	Technological Impact																	
SC.5.TI.1 Present periods	s of technological progress.																	
SC.5.TI.1.1	Explain how access to technology helps empower individuals and groups.							•										
SC.5.TI.1.2	Explore various technology-related career paths.												•					
SC.5.TI.1.3	Evaluate audio and video technologies and their impact on communication.												•					
SC.5.TI.2. Demonstrate	ways to avoid the misuse of information.																	
SC.5.TI.2.1	Compare digital resources.					•												
SC.5.TI.2.2	Describe the purpose of copyright.			•														
SC.5.TI.2.3	Describe the possible consequences for improper use of digital materials that are protected by copyright.			•														
SC.5.TI.2.4	Verify information from digital resources.			•		•												
SC.5.TI.2.5	Demonstrate how to cite sources.			•				•										