

[illegible]



2026-CSTA-PK–12-Computer-Science-Standards	Standard description	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 & Visualization	Basics of AI ⁺	CodeMonkey Curriculum
DATA & ANALYSIS																	
Data Collection & Preparation																	
E3-DAT-DC-09	Evaluate numeric and non-numeric data for accuracy and completeness.														•		
Data Investigation																	
E3-DAT-DI-10	Investigate a data question involving relationships between multiple attributes.														•		
Impacts of Data Science																	
E3-DAT-IM-11	Design a data collection process that addresses the needs of people from different backgrounds or groups.																
SYSTEMS & SECURITY																	
Hardware & Software																	
E3-SYS-HW-12	Describe the role of software in a computing system to accomplish tasks or solve problems.								•								
Security																	
E3-SYS-SE-13	Evaluate how sharing information online might reveal personally identifiable information and other details.			•			•										
Networks																	
E3-SYS-NT-14	Explain how people access the internet to gain information and communicate with each other.					•											
Impacts of Computing Systems																	
E3-SYS-IM-15	Describe how widely used computing systems may impact an individual's life and community.											•					

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SYSTEMS & SECURITY																	
Hardware & Software																	
E4-SYS-HW-12	Apply a basic troubleshooting process to identify and fix common hardware and software issues.										•						
Security																	
E4-SYS-SE-13	Distinguish between authentication and authorization in protecting devices and private information.																
Networks																	
E4-SYS-NT-14	Compare wired and wireless methods that computing devices use to connect to the internet.					•											
Impacts of Computing Systems																	
E4-SYS-IM-15	Investigate the impacts of widely used computing systems on natural resources and the environment.											•					
COMPUTING & SOCIETY																	
History of Computing																	
E4-SOC-HI-16	Investigate the contributions of diverse individuals and communities in the history of computing.																
Emerging Technologies																	
E4-SOC-ET-17	Analyze how the limitations of existing technologies can lead to emerging technologies.											•*					
Humans & Computing																	
E4-SOC-HU-18	Distinguish between human learning and machine learning processes.															•	
Career Exploration																	
E4-SOC-CE-19	Investigate how the workforce adopts new computing technologies and continues to update their computing skills.											•					

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DATA & ANALYSIS																	
Data Collection & Preparation																	
E5-DAT-DC-09	Use computational tools to collect and organize different types of data.									•*					•*		
Data Investigation																	
E5-DAT-DI-10	Analyze a dataset to identify the nature and possible sources of variability in the data.														•		
Impacts of Data Science																	
E5-DAT-IM-11	Analyze the benefits and risks of a computing technology that uses collected data.															•	
SYSTEMS & SECURITY																	
Hardware & Software																	
E5-SYS-HW-12	Explain how hardware and software components of a computing system work together to perform input and output operations, processing, and storage.													•			
Security																	
E5-SYS-SE-13	Describe the concepts of the CIA triad and how each component is important in protecting information.																
Networks																	
E5-SYS-NT-14	Distinguish between the components of wired and wireless networks.					•											
Impacts of Computing Systems																	
E5-SYS-IM-15	Examine how computing systems impact culture and the ways people live and work.						•					•				•	



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COMPUTING & SOCIETY																	
History of Computing																	
E5-SOC-HI-16	Analyze how the inclusion or exclusion of diverse individuals and communities has shaped the design, development, and societal impact of computing technologies.						•										
Emerging Technologies																	
E5-SOC-ET-17	Examine how people decide whether or not to use emerging technologies.											•*					
Humans & Computing																	
E5-SOC-HU-18	Evaluate when it is appropriate to use or not use computing technologies to solve a problem.															•	
Career Exploration																	
E5-SOC-CE-19	Examine how professionals collaborate while using computing technologies to solve problems.											•					

* Standard aligned using offline assignments

** CodeMonkey curriculum sold separately for current customers