CS Standards 2024	Grade 6	Project 1	Project 2	Project 3	Project 4	Project 5	Project 6	Project 7	Project 8	Project 9	Project 10
(1) Comunication & Collaboration -	SC.6 CC.1 Apply effective communication digitally.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.6.CC.2 Apply information collected using digital resources	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
(2) Personal Health and Saftey -	SC.6.HS.1. Explore safe Internet practices.										
	SC.6.HS.2. Investigate the mental and physiological effects of digital device use.										
	SC.6.HS.3 Explore the impact of digital footprints.										
(3) Computing Components -	SC.6.CO.1 Implement foundational computer literacy fluency.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.6.CO.2. Evaluate hardware components.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.6.CO.3. Evaluate software components.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
(4) Programming & Software	SC.6.PE.1 Develop code segments to solve a problem.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Engineering -	SC.6.PE.2 Create visual representations of data.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.6.PE.3 Relate problem-solving strategies to computational thinking.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.6.PE.4 Define the software development life cycle.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
(5) Technological Impact -	SC.6.TI.1 Research technology innovations.										
	SC.6.TI.2. Introduce the regulations surrounding the use of information.										
(6) Emerging Technology -	SC.6.ET.1. Identify emerging technologies.										
	SC.6.ET.2. Identify Artificial Intelligence (AI) and its applications										
	SC.6.ET.3. Identify characteristics of robotics.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
(7) Cyber Security –	SC.6.CS.1. Explore the physical security of devices.										
	SC.6.CS.2 Explore network security concepts.										
(8) Computational Thinking -	SC.K12.CTR.1.1 Actively participate in effortful learning both individually and collaboratively	Х	Х	х	Х	Х	Х	Х	Х	Х	Х
	SC.K12.CTR.2.1 Demonstrate understanding by decomposing a problem.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.K12.CTR.3.1 Complete tasks with digital fluency.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х

	SC.K12.CTR.4.1 Express solutions as computational steps.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.K12.CTR.5.1 Create an algorithm to achieve a given goal.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.K12.CTR.6.1 Differentiate between usable data and miscellaneous information.	Х	Х	Х	Х	Х	Х	Х	Х	х	Х
	SC.K12.CTR.7.1 Solve real-life problems in science and engineering using computational thinking.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
CS Standards 2024	Grade 7	Project 1	Project 2	Project 3	Project 4	Project 5	Project 6	Project 7	Project 8	Project 9	Project 10
(1) Comunication & Collaboration -	SC.7 CC.1 Demonstrate the understanding of collaborative tools.	X	X	X	X	X	X	X	X	X	Х
	SC.7.CC.2 Synthesize information to create unique artifacts.	х	Х	Х	Х	Х	Х	Х	Х	Х	Х
(2) Personal Health and Saftey -	SC.7.HS.1. Analyze Internet practices.										
	SC.7.HS.2. Explain the mental and physiological effects of digital device use.										
	SC.7.HS.3. Discuss the impact of digital footprints.										
(3) Computing Components -	SC.7.CO.1 Develop foundational computer literacy fluency	Х	Х	Х	Х	Х	Х	Х	Х	х	Х
	SC.7 CO.2 Draw connections between hardware components.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.7 CO.3 Draw connections between software components.										
(4) Programming & Software	SC.7.PE.1 Construct coding segments for a purpose.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
Engineering -	SC.7.PE.2 Use data to make predictions.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.7.PE.3 Apply computational thinking to programming.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.7.PE.4 Explain the phases of the software development life cycle.	Х	х	Х	Х	х	х	х	Х	Х	Х
(5) Technological Impact -	SC.7.Tl.1 Research the relationship between consumerism and technological advancements.										
	SC.7.TI.2 Recognize the regulations surrounding the use of information.										
(6) Emerging Technology -	SC.7. ET.1. Recognize emerging technologies that impact daily life.										
	SC.7. ET.2. Recognize Artificial Intelligence (AI) and its applications.										

	SC.7. ET.3. Recognize characteristics of robotics.	Χ	Х	Х	Х	Х	Х	Х	Х	X	X
(7) Cyber Security -	SC.7.CS.1. Describe the physical security of devices.										
	SC.7.CS.2 Investigate the interactions of network devices.										
	SC.7.CS.3 Explore the attributes of social engineering.										
(8) Computational Thinking -	SC.K12.CTR.1.1 Actively participate in effortful learning both individually and collaboratively	Х	Х	Х	Х	Х	Х	Х	Х	Х)
	SC.K12.CTR.2.1 Demonstrate understanding by decomposing a problem.	X	Х	Х	Х	Х	Х	Х	Х	Х)
	SC.K12.CTR.3.1 Complete tasks with digital fluency.	Χ	Х	Х	Х	Х	Х	Х	Х	Х	2
	SC.K12.CTR.4.1 Express solutions as computational steps.	Х	Х	Х	Х	Х	Х	Х	Х	Х	
	SC.K12.CTR.5.1 Create an algorithm to achieve a given goal.	Х	Х	Х	Х	Х	Х	Х	Х	Х	
	SC.K12.CTR.6.1 Differentiate between usable data and miscellaneous information.	Х	Х	Х	Х	Х	Х	Х	Х	Х	
	SC.K12.CTR.7.1 Solve real-life problems in science and engineering using computational	Х	Х	Х	Х	Х	Х	Х	Х	Х	
	thinking.										
	thinking.										
CS Standards 2024	Grade 8	Project 1	Project 2	Project 3	Project 4	Project 5	(C)	Project 7	Project 8	Project 9	0,000
		X Project 1	X Project 2	X Project 3	X Project 4	X Project 5		X Project 7	X Project 8	X Project 9	
	Grade 8 SC.8 CC.1 Create a collaborative communication	Project	Project	Project	Project	Project	Project 6	Project	Project	Project	
(1) Comunication & Collaboration -	Grade 8 SC.8 CC.1 Create a collaborative communication process. SC.8.CC.2 Create artifacts using the collaborative	X Project	X Project	X	X	X	X Project 6	X	X	X	
CS Standards 2024 (1) Comunication & Collaboration - (2) Personal Health and Saftey -	Grade 8 SC.8 CC.1 Create a collaborative communication process. SC.8.CC.2 Create artifacts using the collaborative process.	X Project	X Project	X	X	X	X Project 6	X	X	X	
(1) Comunication & Collaboration -	Grade 8 SC.8 CC.1 Create a collaborative communication process. SC.8.CC.2 Create artifacts using the collaborative process. SC.8.HS.1 Implement safe and healthy Internet practices SC.8.HS.2 Analyze the mental and physiological effects	X Project	X Project	X	X	X	X Project 6	X	X	X	
(1) Comunication & Collaboration -	Grade 8 SC.8 CC.1 Create a collaborative communication process. SC.8.CC.2 Create artifacts using the collaborative process. SC.8.HS.1 Implement safe and healthy Internet practices SC.8.HS.2 Analyze the mental and physiological effects of digital device use.	X Project	X Project	X	X	X	X Project 6	X	X	X	
(1) Comunication & Collaboration – (2) Personal Health and Saftey –	Grade 8 SC.8 CC.1 Create a collaborative communication process. SC.8.CC.2 Create artifacts using the collaborative process. SC.8.HS.1 Implement safe and healthy Internet practices SC.8.HS.2 Analyze the mental and physiological effects of digital device use. SC.8.HS.3 Analyze the impact of digital footprints. SC.8.CO.1 Demonstrate foundational computer literacy fluency. SC.8.CO.2 Explore hardware compatibility requirements.	X X Project 6	X X Project	X X Project	X X Project						
(1) Comunication & Collaboration – (2) Personal Health and Saftey –	Grade 8 SC.8 CC.1 Create a collaborative communication process. SC.8.CC.2 Create artifacts using the collaborative process. SC.8.HS.1 Implement safe and healthy Internet practices SC.8.HS.2 Analyze the mental and physiological effects of digital device use. SC.8.HS.3 Analyze the impact of digital footprints. SC.8.CO.1 Demonstrate foundational computer literacy fluency.	X X Project	X X A Project 6	X X Project	X X Project	X X Project					
(1) Comunication & Collaboration – (2) Personal Health and Saftey –	Grade 8 SC.8 CC.1 Create a collaborative communication process. SC.8.CC.2 Create artifacts using the collaborative process. SC.8.HS.1 Implement safe and healthy Internet practices SC.8.HS.2 Analyze the mental and physiological effects of digital device use. SC.8.HS.3 Analyze the impact of digital footprints. SC.8.CO.1 Demonstrate foundational computer literacy fluency. SC.8.CO.2 Explore hardware compatibility requirements.	X X Project	X X A Project 6	X X Project	X X Project	X X Project					

	SC.8.PE.3 Apply computational thinking to scenario- based problems	X	X	X	X	Х	Х	X	Х	Х	Х
	.SC.8.PE.4 Analyze the software development life cycle.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ
(5) Technological Impact -	SC.8.TI.1 Examine the causes, course and consequences of technological advancements										
	SC.8.TI.2 Investigate tools and methods used for regulatory compliance.										
(6) Emerging Technology -	SC.8.ET.1 Identify emerging technologies that impact daily life.										
	SC.8.ET.2 Investigate Artificial Intelligence (AI) and its applications.										
	SC.8.ET.3 Investigate characteristics of robotics.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
(7) Cyber Security -	SC.8.CS.1 Explain the physical security of devices.										
	SC.8.CS.2 Evaluate network security.										
	SC.8.CS.3 Identify the consequences of social engineering.										
(8) Computational Thinking -	SC.K12.CTR.1.1 Actively participate in effortful learning both individually and collaboratively	х	х	Х	х	Х	Х	х	х	х	Х
	SC.K12.CTR.2.1 Demonstrate understanding by decomposing a problem.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.K12.CTR.3.1 Complete tasks with digital fluency.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.K12.CTR.4.1 Express solutions as computational steps.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.K12.CTR.5.1 Create an algorithm to achieve a given goal.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.K12.CTR.6.1 Differentiate between usable data and miscellaneous information.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.K12.CTR.7.1 Solve real-life problems in science and engineering using computational thinking.	Х	х	Х	х	Х	Х	Х	Х	Х	Х