CS Standards 2024	Grade 6	Mission 1	Mission 2	Mission 3	Mission 4	Remix 1	Mission 5	Mission 6	Remix 2	Mission 7	Mission 8	Remix 3	Mission 9	Remix 4	Mission 10	Mission 11	Mission 12	Remix 5	Mission 13	Remix 6	Mission 14	Remix 7	Mission 15	Remix 8	Mission 16	Final Project
(1) Comunication & Collaboration -	SC.6 CC.1 Apply effective communication digitally.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	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	Х	Х	Х	Х	Х	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	х	Х	х	Х	Х	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	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.6.CO.3. Evaluate software components.	Х	X	X	X	X	Х	Х	Х	Х	Х	Х	X	Х	X	X	Х	Х	Х	Х	х	Х	Х	Х	Х	х
(4) Programming & Software Engineering -	SC.6.PE.1 Develop code segments to solve a problem.			Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.6.PE.2 Create visual representations of data.														Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.6.PE.3 Relate problem-solving strategies to computational thinking.			х	Х	Х	X	Х	Х	Х	х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.6.PE.4 Define the software development life cycle.			X	X	Х	X	Х	Х	Х	Х	Х	Х	Х	Х	X	Х	X	Х	Х	Х	Х	Χ	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	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	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	х	х	х	х	х	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	Х	Х	Х	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	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ	Х	Х	Х
	SC.K12.CTR.4.1 Express solutions as computational steps.			X	Х	Х	X	Х	Х	Х	Х	Х	Х	Х	Х	X	Х	X	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	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	X	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	х	х	х	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	х	х	х	х	х	х	х	х	х	Х	х	Х	х
CS Standards 2024	Grade 7	Mission 1	Mission 2	Mission 3	Mission 4	Remix 1	Mission 5	Mission 6	Remix 2	Mission 7	Mission 8	Remix 3	Mission 9	Remix 4	Mission 10	Mission 11	Mission 12	Remix 5	Mission 13	Remix 6	Mission 14	Remix 7	Mission 15	Remix 8	Mission 16	Final Project

(1) Comunication & Collaboration -	SC.7 CC.1 Demonstrate the understanding of collaborative tools.	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.7.CC.2 Synthesize information to create unique artifacts.	Х	Х	х	Х	х	x	Х	х	Х	х	Х	х	Х	х	х	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	Х	Х	Х	Х	Х	х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.7 CO.2 Draw connections between hardware components.	Х	Х	Х	Х	Х	x	Х	х	Х	х	Х	х	Х	х	х	Х	x	Х	х	Х	х	Х	Х	Х	Х
	SC.7 CO.3 Draw connections between software components.																									
(4) Programming & Software Engineering -	SC.7.PE.1 Construct coding segments for a purpose.			Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.7.PE.2 Use data to make predictions.														X	Х	Х	X	X	X	Х	X	Х	Х	Х	Х
	SC.7.PE.3 Apply computational thinking to programming.			Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	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	Х	х	Х	Х	х	Х	Х	Х	Х	Х	Х	Х	Х
(5) Technological Impact -	SC.7.TI.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.		Х	Х	Х	х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
(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	х	х	х	х	х	х	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	Х	Х	Х	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	Х	Х	Х	Х	Х	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	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Χ
	SC.K12.CTR.5.1 Create an algorithm to achieve a given goal.			Х	Х	Х	х	Х	х	Х	х	Х	Х	Х	х	Х	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	Х	х	Х	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	Х	х	Х	х	х	Х	Х	Х	Х	Х	Х	Х	Х

CS Standards 2024	Grade 8	Mission 1	Mission 2	Mission 3	Mission 4	Remix 1	Mission 5	Mission 6	Remix 2	Mission 7	Mission 8	Remix 3	Mission 9	Remix 4	Mission 10	Mission 11	Mission 12	Remix 5	Mission 13	Remix 6	Mission 14	Remix 7	Mission 15	Remix 8	Mission 16	Final Project
(1) Comunication & Collaboration -	SC.8 CC.1 Create a collaborative communication process.	Х	х	Х	Х	Х	Х	Х	Х	Х	Х	Х	х	Х	Х	Х	Х	х	х	Х	Х	х	Х	х	Х	Х
	SC.8.CC.2 Create artifacts using the collaborative process.	Х	х	Х	х	Х	Х	Х	Х	х	Х	Х	Х	Х	х	Х	Х	х	х	Х	х	Х	Х	х	Х	х
(2) Personal Health and Saftey -	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.																									
(3) Computing Components -	SC.8.CO.1 Demonstrate foundational computer literacy fluency.	Х	Х	Х	Х	Х	Х	Х	Х	Х	х	х	Х	Х	Х	Х	Х	Х	Х	Х	х	Х	Х	Х	Х	х
	SC.8.CO.2 Explore hardware compatibility requirements.	Х	Х	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	X	X	X	Х	X	Х	X	X	X
	SC.8.CO.3 Explore software compatibility requirements.																									
(4) Programming & Software	SC.8.PE.1 Utilize coding segments for a purpose.		Х	X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	X	X	X	Х	X	Х	Х	X	X
Engineering -	SC.8.PE.2 Create and analyze data to solve problems.			Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х
	SC.8.PE.3 Apply computational thinking to scenario- based problems		Х	Х	Х	Х	Х	Х	Х	Х	х	Х	Х	Х	Х	Х	Х	Х	Х	Х	х	Х	Х	Х	Х	х
	.SC.8.PE.4 Analyze the software development life cycle.			X	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	Х	X	X	X	Х	X	Х	X	X	X
(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.			х	Х	Х	Х	Х	Х	Х	х	х	Х	Х	Х	х	Х	Х	х	х	х	Х	х	Х	Х	х
	SC.8.ET.2 Investigate Artificial Intelligence (AI) and its applications.														X X X X X X X											
	SC.8.ET.3 Investigate characteristics of robotics.			X	Х	X	X	X	Х	Х	Х	X	X	Х	X	X	X	X	X	X	X	X	X	X	X	X
(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	х	х	х	х	х	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	Х	Х	Х	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	Х	Х	Х	Х	Х	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	Х	Х	Х	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	Х	Х	Х	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	Х	Х	Х	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	х	х	х	х	Х	х	х	х	х	х	х	х	х