

**CSTA Standards Coverage, CCR 4D Computer Science (find CSTA Standards here: <https://www.csteachers.org/Page/standards>)**

CSTA Theme	Standard ID	Center for Curriculum Redesign			
		CS-1 (Introduction to CS, 2 Sem)	CS-2 (CS Investigations, 2 Sem)	CS-3.1 (3D Prog. with Unreal, 1 Sem)	CS-3.2 (Mobile App Dev., 1 Sem)
Computing Systems Includes Devices, Hardware/ Software, & Troubleshooting	3A-CS-01	3A-CS-03	3A-CS-01		
	3A-CS-02		3A-CS-02		
	3A-CS-03		3A-CS-03		
	3B-CS-01	3B-CS-01			
3B-CS-02	3B-CS-02				
Networks & the Internet Includes Network Organization/ Communication & Cybersecurity	3A-NI-05	3A-NI-04	3A-NI-05		
	3A-NI-06		3A-NI-06		
	3A-NI-07		3A-NI-07		
	3A-NI-08		3A-NI-08		
	3B-NI-03	3B-NI-04			
3B-NI-04					
Data & Analysis Includes Storage, Collection/Visualization/ Transformation, & Inference/ Models	3A-DA-09		3A-DA-09		
	3A-DA-10		3A-DA-10		
	3A-DA-11		3A-DA-11		
	3A-DA-12		3A-DA-12		
	3B-DA-05		3B-DA-05		
	3B-DA-06				
3B-DA-07					
Algorithms & Programmiing Includes Algorithms, Variables, Control, Modularity, & Program Development	3A-AP-13	3A-AP-13	3A-AP-13	3A-AP-13	3A-AP-13
	3A-AP-14	3A-AP-14	3A-AP-14	3A-AP-16	3A-AP-16
	3A-AP-15	3A-AP-16	3A-AP-15	3A-AP-17	3A-AP-17
	3A-AP-16	3A-AP-20	3A-AP-16	3A-AP-18	3A-AP-18
	3A-AP-17	3A-AP-22	3A-AP-17	3A-AP-19	3A-AP-19
	3A-AP-18	3A-AP-23	3A-AP-18	3A-AP-21	3A-AP-21
	3A-AP-19		3A-AP-19	3A-AP-22	3A-AP-22
	3A-AP-20		3A-AP-20	3A-AP-23	3A-AP-23
	3A-AP-21		3A-AP-21		
	3A-AP-22		3A-AP-22		
	3A-AP-23		3A-AP-23		
	3B-AP-08		3B-AP-09	3B-AP-11	3B-AP-11
	3B-AP-09		3B-AP-10	3B-AP-17	3B-AP-16
	3B-AP-10		3B-AP-14	3B-AP-23	3B-AP-17
	3B-AP-11		3B-AP-15		3B-AP-21
	3B-AP-12		3B-AP-16		3B-AP-22
	3B-AP-13		3B-AP-17		3B-AP-23
	3B-AP-14		3B-AP-18		
	3B-AP-15		3B-AP-19		
	3B-AP-16		3B-AP-20		
	3B-AP-17		3B-AP-24		
	3B-AP-18				
	3B-AP-19				
	3B-AP-20				
3B-AP-21					
3B-AP-22					
3B-AP-23					
3B-AP-24					
Impacts of Computing Includes Culture, Social Interactions, & Safety/Law/Ethics	3A-IC-24	3A-IC-24	3A-IC-24	3A-IC-24	3A-IC-24
	3A-IC-25	3A-IC-28	3A-IC-25	3A-IC-27	3A-IC-27
	3A-IC-26	3A-IC-29	3A-IC-26	3A-IC-29	3A-IC-29
	3A-IC-27	3A-IC-30	3A-IC-27		
	3A-IC-28		3A-IC-28		
	3A-IC-29		3A-IC-29		
	3A-IC-30		3A-IC-30		
	3B-IC-25		3B-IC-27		
	3B-IC-26				
	3B-IC-27				
3B-IC-28					
21st Century Skills/ Competencies (CCR Focus)		Collaboration Curiosity Ethics Growth Mindset	Creativity Critical Thinking Collaboration Curiosity Ethics Growth Mindset	Creativity Communication Resilience Growth Mindset	Communication Collaboration Resilience Ethics Growth Mindset

According to CSTA:

3A Level computer science standards are for ALL students by the end of Grade 10

3B Level computer science standards are for students who wish to pursue the study of CS beyond what is required for all students