Computer Department

Semester: 1 **2026-2027**

Grade Level	4	**Subject: Computer**
Teacher(s) Name	Aya Emad	
Textbook	ICT Digital World	

Week #	Dates		Lesson Title / Pages	CCSS / NGSS Code / MOE
1	Aug 31	Sept 4	Theoretical Lesson 1: History of Computer – Section 1: (Slides 1–5) Practical Scratch Lesson 1: My Scratch World	CSTA 1B-CS-01, 1B-AP-12
2	Sept 7	Sept 11	Theoretical Lesson 1 History of Computer – Section 2: (Slides 6–10) Practical Scratch Lesson 2: (Moving & Spinning)	1B-AP-12
3	Sept 14	Sept 18	Theoretical Lesson 2: Data and Control Systems – Section 1: (Slides 1–6) Practical Scratch Lesson 2: (Moving & Spinning) (Drop Quiz	1B-CS-01

			)	
4	**Sept 21**	**Sept 25**	Theoretical Lesson 2: Data and Control Systems – Drop Quiz Practical Scratch Lesson 3: (The Reset Trigger)	1B-CS-01
5	**Sept 28**	**Oct 2**	Theoretical Lesson 2: Data and Control Systems – Section 1: (Slides 7–10) Practical Scratch Lesson 4: (The Random Teleport)	CSTA 1B-CS-02
6	**Oct 5**	**Oct 9**	Theoretical Lesson 2: Data and Control Systems — Section 2 (Slides 11–16) Practical Scratch Lesson 4: (The Random Teleport — Continued)	CSTA 1B-AP-11
	Oct 12	**Oct 16**	**1st Semester Break**	
7	**Oct 19**	**Oct 23**	Theoretical Lesson 2: Data and Control Systems — Section 3 (Slides 17–20) Practical Scratch Lesson 5: (Introduction to Loops — Drop Quiz)	CSTA 1B-AP-10
8	**Oct 26**	**Oct 30**	Theoretical Lesson 2: Data and Control Systems — Drop Quiz	CSTA 1B-CS-02

			Practical Scratch Lesson 5: (Introduction to Loops)	
9	**Nov 2**	**Nov 6**	Theoretical Lesson 2: Data and Control Systems — Section 4 (Slides 21–25) Practical Scratch Lesson 6: (Bouncing & Edge Logic)	CSTA 1B-AP-10
10	**Nov 9**	**Nov 13**	Theoretical Lesson 3: Technology and Networks — Section 1 (Slides 1–4) Practical Scratch Lesson 6: (Bouncing & Edge Logic — Continued)	CSTA 1B-CS-01
11	**Nov 16**	**Nov 20**	Theoretical Lesson 3: Technology and Networks — Section 2 (Slides 5–8) Practical Scratch Lesson 7: (Broadcast Message Triggers — Drop Quiz)	CSTA 1B-AP-11
12	**Nov 23**	**Nov 27**	Theoretical Lesson 3: Technology and Networks — Drop Quiz Practical Scratch Lesson 7: (Broadcast Message Triggers)	CSTA 1B-CS-01
13	**Nov 30**	**Dec 4**	Theoretical Lesson 3: Technology and Networks — Section 3 (Slides 9–12) Practical Scratch Lesson 8: (Costume Switching Animation)	CSTA 1B-AP-12

14	**Dec 7**	**Dec 11**	Theoretical Lesson 3: Technology and Networks — Section 4 (Slides 13–16) Practical Scratch Lesson 8: (Costume Switching Animation — Continued)	CSTA 1B-AP-12
	Dec 14	**Jan 1**	**Winter Break for All Students**	
15	**Jan 4**	**Jan 8**	Theoretical Lesson 3: Technology and Networks — Section 5 (Slides 17–20) Practical Scratch Lesson 9: (Sensing & Keyboard Interaction — Drop Quiz)	CSTA 1B-AP-10
16	**Jan 11**	**Jan 15**	Theoretical Lesson 3: Technology and Networks Practical Scratch Lesson 9: (Sensing & Keyboard Interaction)	CSTA 1B-CS-01
17	**Jan 18**	**Jan 22**	**Semester 1 Exams**	
18	**Jan 25**	**Jan 29**	**Semester 1 Exams**	