Computer Department

Semester: 1 **2026-2027**

Grade Level	11	**Computer Science**
Teacher(s) Name	Bassel Shmiet	
Textbook		

Week #	Dates		Lesson Title / Pages	CCSS / NGSS Code / MOE
1	Aug 31	Sept 4	♦ HTML Introduction ♦ What is HTML? ● HTML Elements	11.DTC.a. 3 Emphasize the importance of well-structured markup and teach students how to create valid HTML documents.
2	Sept 7	Sept 11	♦ HTML Page Structure ♦ HTML Tags ♦ Save the HTML Page ● View the HTML Page in Browser	11.DTC.a. 4 Individually and collaboratively, use advanced tools to design and create online content (e.g., digital portfolio, multimedia, blog, webpage).
3	Sept 14	Sept 18	♦ HTML Headings HTML Paragraphs	11.DTC.a. 2 Emphasize the importance of clean and semantic markup, separation of content and presentation, proper indentation, and the use of appropriate tags for specific purposes.
4	Sept 21	Sept 25	♦ Formatting Text ♦ Bold ♦ Italic ● Underline	11.DTC.a. 5 Emphasize the significance of accessibility in web development, including the use of semantic markup, alt attributes for images,

				and proper use of headings for screen readers.
5	**Sept 28**	**Oct 2**	♦ Using Subscript • Using Superscript	11.DTC.a. 6 Introduce the principles of responsive design, which ensures web content adapts well to different devices and screen sizes.
6	**Oct 5**	**Oct 9**	♦ HTML Links ♦ The HREF Attribute • The SRC Attribute	11.DTC.a. 7 Introduce the principles of responsive design, which ensures web content adapts well to different devices and screen sizes.
	Oct 12	**Oct 16**	♦ HTML Images ♦ Image width and height Attributes ♦ The alt Attribute Formatting images in HTML	
7	**Oct 19**	**Oct 23**	♦ HTML Tables • Table Rows & Cells <TR> <TD> <TH>	11.DTC.a. 3 Emphasize the importance of well-structured markup and teach students how to create valid HTML documents.
8	**Oct 26**	**Oct 30**	♦ HTML Table Borders ♦ Style Table Borders ♦ Border Color • ROWSPAN, COLSPAN	11.DTC.a. 3 Emphasize the importance of well-structured markup and teach students how to create valid HTML documents.
9	**Nov 2**	**Nov 6**	♦ HTML Lists ♦ Ordered List • Bulleted List	11.DTC.a. 4 Individually and collaboratively, use advanced tools to design and create online content (e.g., digital portfolio, multimedia, blog, webpage).
10	**Nov 9**	**Nov 13**	• Nested Lists	11.DTC.a. 2 Emphasize the importance of clean and semantic markup, separation of content and presentation, proper indentation, and the use of appropriate tags for specific purposes.

11	**Nov 16**	**Nov 20**	♦ HTML Forms ♦ The <form> Element ♦ The <input> Element ♦ Text Fields • The Name Attribute for <input>	11.DTC.a. 5 Emphasize the significance of accessibility in web development, including the use of semantic markup, alt attributes for images, and proper use of headings for screen readers.
12	**Nov 23**	**Nov 27**	♦ Radio Buttons ♦ Checkboxes ♦ The VALUE attribute • The Submit Button	11.DTC.a. 6 Introduce the principles of responsive design, which ensures web content adapts well to different devices and screen sizes.
13	**Nov 30**	**Dec 4**	♦ The <select> Element ♦ The OPTION attribute • The <TEXTAREA> Element	11.DTC.a. 7 Introduce the principles of responsive design, which ensures web content adapts well to different devices and screen sizes.
14	**Dec 7**	**Dec 11**	♦ The <button> Element ♦ ONCLICK event • <fieldset> and <legend> Elements	11.DTC.a. 7 Introduce the principles of responsive design, which ensures web content adapts well to different devices and screen sizes.
	Dec 14	**Jan 1**	♦ HTML Styles – CSS ♦ What is CSS? Using CSS (Internal, Inline)	
15	**Jan 4**	**Jan 8**	♦ HTML Introduction ♦ What is HTML? • HTML Elements	11.DTC.a. 3 Emphasize the importance of well-structured markup and teach students how to create valid HTML documents.
16	**Jan 11**	**Jan 15**	♦ HTML Page Structure ♦ HTML Tags ♦ Save the HTML Page • View the HTML Page in Browser	11.DTC.a. 4 Individually and collaboratively, use advanced tools to design and create online content (e.g., digital portfolio, multimedia, blog, webpage).
17	**Jan 18**	**Jan 22**	**Semester 1 Exams**	
18	**Jan 25**	**Jan 29**	**Semester 1 Exams**	