Dubai International Private School -Br

DIPS, *in partnership with parents and community, strives to ensure all students are digitally literate, lifelong learners, productive citizens and nurture their well-being in an inclusive learning environment.*

Computer Department

Semester: 1   **2024 – 2025**

Grade Level	11	Subject: Computer Science	
Teacher(s) Name	Mr. Bassel Shmiet		
Textbook			

Week #	Dates		Lesson Title / Pages	CCSS / NGSS Code
1	26 Aug	30 Aug	• 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	2 Sept	6 Sept	• 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	9 Sept	13 Sept	• 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	16 Sept	20 Sept	• 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	23 Sept	27 Sept	• Using Subscript Using Superscript	11.DTC.a. 6

12				Introduce the principles of responsive design, which ensures web content adapts well to different devices and screen sizes.
6	30 Sept	4 Oct	• 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.
7	7 Oct	11 Oct	• HTML Images • Image width and height Attributes • The alt Attribute Formatting images in HTML	11.DTC.a. 7 Introduce the principles of responsive design, which ensures web content adapts well to different devices and screen sizes.
8	14 Oct	18 Oct	• 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.
9	21 Oct	25 Oct	• 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.
10	28 Oct	1 Nov	• 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).
11	4 Nov	8 Nov	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.
12	11 Nov	15 Nov	• 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.
13	18 Nov	22 Nov	• Radio Buttons • Checkboxes	11.DTC.a. 6

			• The VALUE attribute The Submit Button	Introduce the principles of responsive design, which ensures web content adapts well to different devices and screen sizes.
14	25 Nov	29 Nov	• 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.
15	2 Dec	6 Dec	• 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.
16	9 Dec	13 Dec	• HTML Styles – CSS • What is CSS? Using CSS (Internal, Inline)	11.DTC.a. 3 Emphasize the importance of well-structured markup and teach students how to create valid HTML documents.
17	6 Jan	10 Jan	• CSS Colors, Fonts, and Sizes CSS Border	11.DTC.a. 7 Introduce the principles of responsive design, which ensures web content adapts well to different devices and screen sizes.
18	13 Jan	17 Jan	• CSS Padding CSS Margin	11.DTC.a. 3 Emphasize the importance of well-structured markup and teach students how to create valid HTML documents.
19	20 Jan	24 Jan	• HTML Introduction • What is HTML? HTML Elements	