UNIT OVERVIEW: HTML/CSS Part 1

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Lesson	Course	Exercises	Objectives	Progression Pathways	Time (min)
1	1. HTML Basics	1 - 8	• Understand what HTML and CSS are used for • Define some basic HTML terminology • Explain and implement <head><title> <body> and <p> tags • Create all types of headings <h1> to <h6>	L1 algorithms L1 programming L1 hardware (AL)	20
2	1. HTML Basics	9 - 14	• Demonstrate knowledge of tags so far including <title>, <h3> and <p> • Define hyperlinks, explain their use and create a link using <a> • Understand and create an image tag <img> • Construct a linked image	L1/2 communication (AL) (EV)	20
3	2. Build Your Own Webpage	1 - 6	• Summative assessment of learning from HTML lessons 1 & 2 • Create a webpage with an HTML frame, including a header, paragraphs, images and links in either images or text	L2 communication L2/3 information (AB) (AL) (EV)	20
4	3. HTML Basics II	1 - 6	• Recognise HTML can be used to create lists • Recognise indentation and explain why it is used • Describe and create ordered and unordered lists • Demonstrate how to use nesting with lists	L1 algorithms L1 programming (AL)	20
5	3. HTML Basics II	7 - 16	• Describe what inline CSS is • Use style attributes (including font-color, font-family, text-align) • Demonstrate how to bold and italicise text		20
6	4. Social Networking Profile	1 - 7	• Summative assessment of learning from HTML lessons 4 & 5 • Create a 'social networking profile', including lists of their interests and styling"	L5 algorithms (AB) (AL)	30
7	5. HTML Basics III	1 - 5	• Recognise structural tags <table>, <div> and <span> • Create a table with rows and columns and explain why we use them • Construct a table with multiple rows and columns"	L2 data (AB) (DE)	20
8	5. HTML Basics III	6 - 15	• Design table formatting using style attributes • Illustrate how to use a <div> tag and use it to create a link • Construct a paragraph with selective styling using the <span> tag"		25
9	6. Clickable Photo Page	1 - 7	• Summative assessment of learning from HTML lessons 8 & 9 • Create a 'clickable photo page': a table with multiple rows and columns containing images that link to external websites	L2 communication (AL) (EV)	30

Computational thinking concepts: (AB) - Abstraction (GE) - Generalisation (AL) - Algorithms (EV) - Evaluation (DE) - Decomposition

UNIT OVERVIEW: [HTML/CSS Part 2](#)

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Lesson	Course	Exercises	Objectives	Progression Pathways		Time (min)
10	[7. CSS an Overview](#)	1 - 12	• Explain what CSS is and the reason it is seperate from HTML • Create a link to a CSS stylesheet • Describe 'selectors', 'properties' and 'values' and implement property-values • Illustrate CSS syntax and comments	L1 hardware L1 programming L4 algorithms	AB AL	25
11	[7. CSS an Overview](#)	13 - 21	• Explain why hexadecimal values are used in CSS • Explain why 'em' units are needed and the need for default fonts as backups • Create backgrounds and borders and style them			20
12	[7. CSS an Overview](#)	22 - 26	• Plenary: Build a basic HTML index page and linked CSS stylesheet	L3 I.T.	AB	20
13	[8. Design a Button for Your Website](#)	1 - 6	• Plenary: Build a button by styling divs and links			15
14	[9. CSS Selectors](#)	1 - 9	• Describe branching, children, parents and siblings • Demonstrate and understand how to format nested selectors and directly nested selectors • Explain which selectors will override others	L3 data	AL	25
15	[9. CSS Selectors](#)	10 - 18	• Compare, Create and Implement Classes and IDs • Recognise and implement pseudo-class selectors for links (link, visited, hover) • Understand and use a 'first-child' and 'Nth-child' pseudo-class selectors	L3 data	AL	30
16	[9. CSS Selectors](#)	19 - 23	• Plenary: Construct HTML document and CSS stylesheet with selectors			15
17	[10. Sorting Your Friends](#)	1 - 8	• Plenary: Synthesising Module 9: CSS Selectors	L3 algorithms	AB	40
18	[11. CSS Positioning](#)	1 - 12	• Explain the box model and its importance in positioning • Demonstrate and understand the main display properties and their differences • Explain and Implement margins, borders and padding • Describe how negative values impact the positioning of an element	L4 algorithms	AB AL	25

Computational thinking concepts: **AB** - Abstraction   **GE** - Generalisation   **AL** - Algorithms   **EV** - Evaluation   **DE** - Decomposition

UNIT OVERVIEW: HTML/CSS Part 3

Lesson	Course	Exercises	Objectives	Progression Pathways	Time (min)
19	[12. CSS Positioning](#)	13 - 25	• Explain and demonstrate the float and clear properties • Explain static, absolute, relative and fixed positioning • Plenary: Compose a webpage using CSS positioning	L5 communication (AL) (AB)	35
20	[13. Build a Resume](#)	1 - 8	• Plenary: Synthesising Module 11: CSS Selectors	L5 algorithms L5 communication L5 programming (AL) (AB)	60

Computational thinking concepts: (AB) - Abstraction (GE) - Generalisation (AL) - Algorithms (EV) - Evaluation (DE) - Decomposition