

UNIT OVERVIEW: [Make an Interactive Website](#)

Lesson	Course	Exercises (Cards)	Objectives	Progression Pathways	Time (min)
1	1a. Your first program	(1 - 10)	<ul style="list-style-type: none"> Understand what JavaScript & jQuery are used for Understand and create script elements Understand and implement <code>\$(document).ready()</code> Debug the code 	L2 algorithms L2 programming	15
2	1b. Push menu	1 - 8	<ul style="list-style-type: none"> Understand what jQuery is Create methods containing functions to respond to user actions 	L4 programming 	25
3	2. JavaScript	1 - 13	<ul style="list-style-type: none"> Understand what JavaScript is Understand, create, edit and compare variables Understand if and if/else statements Understand functions and that they take parameters as inputs 	L3 programming	15
4	3a. Events	(1 - 8)	<ul style="list-style-type: none"> Understand events and event handlers Create event handlers Understand and implement the <code>.keypress()</code> method 	L4/6 programming 	15
5	3b. Newsreader	1 - 10	<ul style="list-style-type: none"> Create and edit event handlers Create if/else if/else statements 	L4 programming	30
6	4a. DOM manipulation	(1 - 19)	<ul style="list-style-type: none"> Select existing elements and create new elements Understand and create methods to add, hide and remove elements Recognise the DOM is useful to represent relationships between elements Understand and select children & siblings of elements 	L6 programming 	15
7	4b. Status update	1 - 9	<ul style="list-style-type: none"> Create event handlers Replace the text within an element Create an if/else if/else statement 	L4/5 programming	30
8	5a. Effect	(1 - 10)	<ul style="list-style-type: none"> Understand and create jQuery methods to animate HTML elements Understand the <code>.animate()</code> method allows you to create your own animations 	L6 programming 	15
9	5b. Flipboard	1 - 12	<ul style="list-style-type: none"> Create and edit event handlers Create if statements 	L4/5 programming 	30