>>> CHAMPION

The Champion package serves as an excellent entry point for students aspiring to learn coding and develop basic applications. While a basic understanding of BlockCode background would be beneficial, it is not essential.

WEB DEVELOPMENT
13-15 Yrs| 24 Classes| 3 Months| 50 Minutes| Certificate of Achievement

The course will equip your child with the skills to create customized websites using HTML, CSS, JavaScript, and incorporating a database.

- Logical and Analytical Thinking
- Problem Solving
- Coding Skills & Building Web sites

LESSON PLAN

Class	Topic	Class	Project
16	Introduction to Web Development	Introduction to Repl.it	Repl.it
2	Headings and paragraphs	what is a heading and different sizes of headings	Newspaper
3	Line Break	How to use line break	Newspaper article
4	Lists	Types of lists	Favourite Things
5	Table	How to add a table in HTML	Score sheet
6	Basic CSS styling	Basic CSS styling codes	CSS styling
7	Images	Adding image in HTML document	Create a story using image, headings and paragraphs
8	Hyperlinks	What are hyperlinks, link attributes, list in HTML, how to use margin and alignment properties.	Shopping App
9	HTML Classes	Html classes, css class sector, purpose of class selector, hover effect	Letter styling
10	Introduction to JavaScript	Introduction to basics of JavaScript	Repl.it
11	Variables, operators in JS	Introduction to variables, operators, user inputs in JavaScript	Calculator
12	JavaSrcipt Events	Onload event, onclick events, how to increase, decrease or clear values using JS, set and clear intervals.	Stop watch
13	To Do list	Event listener, prevent default, create a list via JavaScript, insert adjacent methods, how to remove the element by accessing the parent element.	To Do list
14	Forms	Learn how to create a form, menus, dynamic menus, validations, error messages.	Enquiry form
15	Introduction to Bootstrap	Intro to the Grid, Bootstrap Containers, Images:, Add Images with Bootstrap, Buttons, Create Beautiful Buttons with Bootstrap	CAPSTONE PROJECT
16	Introduction to Datbases	Working with mySql	Creating a table
17	Working with Websites and Databases	Working with website and databases	Creating a website that works with databases.

Lesson plan indicates the topics and projects and should not be read as topics covered per class.