

Code Creator

LEVEL 3



Objective

Master the art of building websites using HTML, CSS, and JavaScript.

Learn how the web works and create your own interactive web pages through guided, project-based learning.



Group Size
Typically
6 Students

Course duration
8-10 Months

T&C* The course timeline depends on each child's learning phase, with the same curriculum for all.

Curriculum

Build the Web (HTML & CSS)

- 1. Introduction to Websites:** Understand how websites work, browser roles, and webpage parts (header, footer, main).
 - 2. HTML Foundations:** Learn to structure content with headings, paragraphs, links, and images.
 - 3. Lists, Tables & Forms:** Organize data with lists and tables; collect user input using forms and buttons.
 - 4. CSS Basics:** Style text, colors, and layout using external stylesheets.
 - 5. Box Model & Positioning:** Understand spacing, alignment, and placement of webpage elements.
 - 6. Flexbox & Responsive Design:** Create layouts that adjust beautifully on desktops, tablets, and mobiles.
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Bring the Web to Life (JavaScript)

- 1. JavaScript Introduction:** Add interactivity with scripts, popups, and console logs.
 - 2. Variables, Functions & Events:** Learn coding logic to respond to clicks, hovers, and inputs.
 - 3. DOM Manipulation:** Dynamically change text, styles, and images on the webpage.
 - 4. Conditionals, Loops & Arrays:** Build logic that repeats actions, checks conditions, and stores data.
 - 5. Timers & Animation:** Use intervals and motion to create lively visual effects.
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Create & Play (Interactive Apps & Games)

- 1. Forms & Validation:** Design interactive forms, validate inputs, and show real-time feedback.
- 2. Combining HTML + CSS + JS:** Build complete mini web apps like quizzes, to-do lists, or greeting pages.
- 3. Game Development Basics:** Plan, design, and program simple browser-based games.
- 4. Animation, Collisions & Scoring:** Add movement, sound, and scoring systems for fun and polish.