

Overview

This curriculum focuses on building a solid foundation in HTML, CSS, and basic JavaScript. The goal is to ignite interest in web development and equip students with enough knowledge to create a simple website.

Week 1: Introduction to Web Development and HTML Basics

- **Lesson:**

- What is the Internet and how does it work?
- Introduction to web development and its importance.
- What is HTML?
- Basic HTML structure: `<html>`, `<head>`, `<body>`
- Creating headings (`<h1>` to `<h6>`)
- Paragraphs (`<p>`)
- Images (``)
- Links (`<a>`)

Week 2: CSS Basics and Styling

- **Lesson:**

- What is CSS?
- Linking CSS to HTML
- Basic selectors (tag, class, id)
- Changing font, color, and background
- Creating basic layouts with CSS (flexbox or grid)

- Adding styles to headings, paragraphs, and images

Week 3: More CSS and Introduction to JavaScript

- **Lesson:**

- Dive deeper into CSS:
 - Positioning elements (absolute, relative, fixed)
 - Creating responsive designs
- Introduction to JavaScript:
 - What is JavaScript?
 - Basic syntax
 - Variables and data types
 - Simple calculations and alerts

Week 4: JavaScript and Project

- **Lesson:**

- JavaScript events (click, hover)
- Simple DOM manipulation (changing content, styles)
- Project: Create a simple webpage based on their interests (e.g., a personal website, a simple game, or an informative page about a hobby).

-

Project Ideas

- A personal website showcasing their hobbies or interests.
- A simple online game (e.g., a number guessing game).
- An informative page about a social issue or cause they care about.

- A basic online portfolio to showcase their artwork or skills.