

Web 03: JavaScript — Make the Page Interactive

Use variables, events, functions and the DOM to create interactions.

Age pathway: designed to start around age 8 and grow with the learner. Track: Web Development.

How to use this tutorial

1. Read one idea. 2. Try the example yourself. 3. Change one thing. 4. Explain what happened. 5. Turn the idea into a small project.

Challenge mission

Create a useful mini-website for your school, community, hobby or contest idea.

Key ideas

- HTML gives a page meaning and structure.
- CSS controls appearance, spacing and layout.
- JavaScript adds behaviour and interaction.
- Good projects are readable, accessible and responsive.

Try this

Open a simple editor, type the smallest working version, then change the text, layout and interaction.

Example starter

```
<h1>My Amazing Idea</h1>  
<p>I can build things with code!</p>
```

Reflection questions

What did you change? What broke? How did you fix it? What could you add next? How could this idea help another person?

Contest connection

Use this skill as one building block of a bigger project. Strong contest projects begin small, test often, listen to users and improve.