

Mapping Additional Topics to the JavaScript Learning Roadmap

Week 1: JavaScript Basics

- Event Handling: Introduced with basic DOM manipulation and using event listeners.

Week 2: Functions and Arrays

- Error Handling: Basic error handling with try...catch will be introduced here, especially when working with functions or arrays.

Week 3: Objects and DOM Manipulation

- Web Form API: Handling forms (validations, inputs, and form submission) will be covered as part of DOM manipulation.
- Local Storage/Web Storage: You can introduce basic local storage operations for saving and retrieving data for your simple projects like the to-do list.

Week 4: Intermediate JavaScript (ES6+ Features)

- JSON (Data Parsing): Introduction to JSON.parse() and JSON.stringify() when handling data from APIs.

Week 5: Asynchronous JavaScript

- AJAX and API Calls: This is the core focus of Week 5. You'll learn how to make API requests using the fetch() method or using libraries for AJAX requests.
- Error Handling: Deeper error handling with promises and async/await to handle API request errors.

Week 6: Final Projects & Practice

- Debugging and Tools: Focus on debugging and using browser dev tools (like Chrome DevTools) to troubleshoot and optimize your code.