

JavaScript Roadmap: Absolute Basics to Mastery (14-Day Plan)

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Day	Topics	Details
Day 1	Introduction to JavaScript	What is JavaScript?
		Setting up Environment (Node.js, Browser Console)
		Basic Syntax (Variables, Comments, Data Types)
Day 2	Operators & Expressions	Arithmetic, Assignment, Comparison, Logical Operators
		Conditional (Ternary) Operator
		Operator Precedence
Day 3	Control Flow: If-else & Switch Statements	If-else statement
		Switch statement
		Handling multiple conditions
Day 4	Loops & Iteration	for, while, do-while loops
		break and continue statements
		Looping over arrays & objects
Day 5	Functions in JavaScript	Function declarations & expressions
		Arrow functions
		Parameters & Return values IIFE
Day 6	Objects & Arrays	Creating and manipulating objects
		Creating and manipulating arrays
		Array methods (map, filter, reduce)
Day 7	DOM Manipulation	Understanding the Document Object Model
		Accessing & modifying DOM elements (getElementById, querySelector)

Day 8	Events & Event Listeners	Handling user events (click, mouseover, keypress)
		Adding event listeners
		Event propagation and delegation
Day 9	Asynchronous JavaScript	Callbacks
		Promises
		async/await
		Error handling with try, catch, and finally
Day 10	Error Handling & Debugging	try, catch, finally blocks
		Using console.log() for debugging
		Browser Developer Tools (breakpoints)
Day 11	JavaScript ES6+ Features	let, const, template literals
		Default parameters
		Destructuring (objects and arrays)
		Spread and rest operators
Day 12	Classes & OOP in JavaScript	Introduction to OOP
		JavaScript Classes
		Constructors and inheritance
		this keyword
Day 13	Modules in JavaScript	Importing and exporting modules
		import and export statements
		Organizing code into multiple files
Day 14	JavaScript Patterns & Best Practices	Closures
		Higher-order functions
		Currying
		Coding standards and best practices