Day	Topics	Practice/Projects
1	JS Introduction, Setup, console.log, Comments	Write your first script
2	Variables (let, const, var)	Try variable declarations
3	Data Types (string, number, boolean, null, undefined)	Type-check examples
4	Type Conversion, typeof	Build a unit converter (e.g., km to mi)
5	Operators (+, -, *, /, %, ==, ===, !=, etc.)	Simple calculator in console
6	if, else, else if, ternary operator	Grade calculator
7	switch statement	Day-to-week converter
8	Loops (for, while, do...while)	Number counter
9	break, continue, loop nesting	FizzBuzz
10	Functions (declaration, expression)	Basic reusable functions
11	Parameters, Return values	Area calculator
12	Arrow Functions	Rewriting previous functions
13	Scope (block, function, global), var vs let vs const	Practice scenarios

14	Arrays: creation, access, methods (push, pop)	List of favorite books
15	Array Methods: map, filter, reduce	Shopping cart total
16	Objects: properties, dot vs bracket notation	Create a user profile object
17	Object Methods, this, Destructuring	Simple object-based app
18	Nested Objects & Arrays	Access deeply nested data
19	String Methods (slice, substring, includes, etc.)	Word
20	Math, Random, Date APIs	Random quote generator
21	Logical Operators (&&,	, !)
22	Practice Day	
23	DOM Basics: getElementById, querySelector	Change HTML content with JS
24	DOM: innerText, innerHTML, classList	Color switcher
25	Event Listeners	Button click counter
26	Forms and Input Events	Simple form validator
27	Practice DOM	Build a to-do list
28	Review + mini test	Review & Quiz

Day	Topics	Practice/Projects
29	Mini Project: To-Do List	DOM + Arrays
30	Project Day / Catch-Up / Revision	Optional extra practice
Day	**Topics**	**Practice/Projects**
31	Array Iteration: forEach, map	List transformer
32	Callback Functions	Custom array handler
33	Higher Order Functions	Array filter based on conditions
34	Introduction to ES6 (let, const, arrow, template literals)	Refactor old code
35	Destructuring, Spread/Rest Operators	Merge and extract object properties
36	Default Parameters, Short-Circuiting, Optional Chaining	Safe object access
37	Event Bubbling & Delegation	Dynamic item list
38	LocalStorage & SessionStorage	Persistent notes
39	JSON (stringify/parse)	Store objects in LocalStorage
40	setTimeout & setInterval	Countdown timer

41	Promises: Basic syntax	Simulate async process
42	fetch API, GET requests	Joke API fetch
43	Async/Await	Rewrite previous fetch using async/await
44	Error Handling (try/catch/finally)	API error feedback
45	Practice API Project: Weather App	Using OpenWeather API
46	JS Classes & Inheritance	Create a Book class
47	Modules: import, export	Split To-Do list into files
48	Practice Day	Implement concepts in small app
49	Recap Asynchronous Concepts	Debug async logic
50	Mini Project: Quiz App	Randomized questions
51	Closures & Lexical Environment	Counter with closure
52	Debouncing & Throttling	Search input field
53	Review Modern JavaScript (ES6+)	Review + Practice

Day	Topics	Practice/Projects
54	Basic Debugging Tools	Use Chrome DevTools
55	Project: Notes App with Local Storage	Save notes on reload
56-60	5-Day Mini Project Challenge: Pick one or two	Quiz App, Notes App, Expense Tracker
Day	Topics	Practice/Projects
61	Event Loop, Call Stack, Task Queue	Visualize with diagrams
62	Memory Management	Optimize a memory-heavy object
63	Prototypes and Object.create()	Prototype chain demo
64	this, bind, call, apply	Function borrowing
66	JavaScript Design Patterns (Factory, Module, Singleton)	Try one pattern
65	Functional Programming Concepts	Pure functions + immutability
67	utility function	
68	Webpack/Vite Basics	Bundle a simple app

69	Babel + Transpiling	Use modern JS with backward support
70	ESLint + Prettier	Add to your VS Code
71	TypeScript Introduction (Bonus)	Add types to your functions
72-75	Final Project Phase 1: Plan + Build UI	To-do, Notes App, or Expense Tracker
76-80	Final Project Phase 2: Logic	Add real-world features
81-85	Final Project Phase 3: Polish + Validation + Test	LocalStorage + API, Mobile responsiveness
86-88	Deploy your Project (Netlify, GitHub Pages)	Share your work!
89	Full Review + Checklist	Check what you learned
90	Celebrate!	Share on GitHub/LinkedIn, Plan Next Step (React?)