

# JavaScript Basics for Beginners

GoSkills online course syllabus

**Skill level**

Beginner

**Lessons**

17

**Pre-requisites**

No prior experience needed

**Video duration**

1h 4m

**Estimated study time**

1h 4m

**Instructor**

Fro Carducci

## Introduction

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### 1 Javascript builds the Web

JavaScript is a programming language and environment used for creating web applications.

## Hello World Javascript

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### 2 Create your Replit account

To hit the ground running, you'll utilize a web IDE called Replit that has everything you will need to code in JavaScript while seeing instant results when learning the basics.

## Programming Basics

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### 3 Identify and apply variables

Variables are the core to programming.

### 4 Complete actions with operators

Operators are used to do both operational and comparative actions within JavaScript.

### 5 Render with comparative blocks

Comparative blocks are one of the methods for conditionally rendering a chunk of code in JavaScript.

### 6 Repeat actions with loops

Loops are methods for repeating an action in JavaScript.

### 7 Create functions

Functions are small grouped pieces of code that use data, operators, and/or loops to result in some action in JavaScript.

**8** Understanding closure and scope  
Scope is the context of a page, and closure is where a variable has scope.

**9** Integrate recursion  
Recursion is a process of calling itself.

## Build and Test Algorithms

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**10** Create algorithms  
Algorithms are the building blocks of code.

**11** Build testing  
Testing is essential to ensuring that your code is running how you expect it to.

## Develop with Software Libraries

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**12** Navigate NPM libraries  
Dependencies are downloadable scripts that have a collection of functions and data that can be used to assist in your coding efforts in JavaScript.

**13** Unlock GitHub resources  
GitHub is a vast source of open-source data, projects, and libraries.

## Add Some Style

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**14** Render web pages  
JavaScript is the basics of all things web, but what really makes a website pop is utilizing JavaScript with HTML and CSS.

## Practice Your Skills

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**15** Create your own game  
At this point, hopefully you're feeling more familiar with the basics of JavaScript.

## Additional Resources

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**16** **Helpful resources**  
There is always more to learn in the ever-evolving world of programming.

## Conclusion

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**17** **Kickstart your programming journey**  
Thank you for watching this course!

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