

ADDITIONAL RESOURCES

Learning more p5.js

The p5.js Reference page

<http://p5js.org/reference/>

The best place to learn all of the functions and tools that p5.js has to offer. On the left side of the webpage, you'll also see a link to **Examples**, which is a great place to how to create all sorts of sketches in p5.js.

The Coding Train YouTube channel

<http://www.youtube.com/user/shiffman>

Daniel Shiffman has a great YouTube channel filled with lessons on p5.js, Processing, and other coding challenges.

Start with the "p5.js tutorial - HTML, CSS, JavaScript" playlist.

Section "1-6: Foundations of Programming in p5.js" will cover some lessons you learned in this course, but will also have new material for you to try out.

The Nature of Code online book

<http://natureofcode.com/book/introduction/>

This book provides numerous examples and exercises that will teach you more about how physics and math work in real world scenarios. It's a great way to learn more about coding and about how we can use code to represent and model real-life phenomena. The book is written with Processing (a Java-based language) so it will look a bit different than the JavaScript language you've been using, but the lessons are still helpful.

Learning to build websites + other languages

There are many free courses online to help you learn how to build websites. One of the largest free websites is Codecademy.

Codecademy

<https://www.codecademy.com/>

You can learn many programming languages at this website. They have fun, interactive examples to help you learn. A great place to start is with their “Make a Website” course. Here you’ll learn the basics of HTML and CSS to create your own webpage.

<https://www.codecademy.com/learn/make-a-website>

Code.org

<https://code.org/student/middle-high>

Code.org has many good resources for learning all types of programming, and especially, JavaScript, HTML, CSS.

Khan Academy

<https://www.khanacademy.org/cs>

You can learn basic to advanced computer programming with video lessons at Khan Academy. They use a version of p5.js to teach you the basics.