

# AFTER SCHOOL CLUB



AGES 6-12  
@ 5:00 PM

## KID CODERS - JAVASCRIPT PICASSOS

### INTRODUCTION

Watch your lines of code transform into your own personal painting program! We will be using p5.js, a JavaScript library to teach some basic text commands. Who knows what sort of art you'll code next!



### Subjects:

- Text-based Coding
- Color Grading

### Standards:

- 3-5 ETS1-3
- MS-ETS1-2

[nextgenscience.org](http://nextgenscience.org)

### Maker

### Capacities:

- Tinker to Explore
- Use Categories

[agencybydesign.org](http://agencybydesign.org)

### Key Terms

- Functions
- Syntax
- Random
- RGB

### WHAT WE'LL BE USING:

p5.js Web Editor  
Laptops (Mac or PC)

JavaScript  
(Coding Language)

### What is JavaScript?

JavaScript is a programming language that over 97% of all websites use! If you want to interact with something on an internet page (say press a button or type in a word) odds are JavaScript is helping you do that! Other coding languages like HTML and CSS focus on how a website looks or its layout.