



# Summer Coding

## For Middle School Students

We are pleased to offer a new Summer Coding class for middle school students!

### COURSE DESCRIPTION:

In this course students will:

- Understand essential concepts of programming using Scratch
- Learn important control structures
- Complete fun assignments, write algorithms to achieve desired result
- Use knowledge of Scratch to write programs in JavaScript
- Write and execute functions in JavaScript
- Program web pages using JavaScript

### COURSE REQUIREMENTS:

The course requires no prior knowledge of coding.

Students will need to bring their own laptop running Windows, Mac or Chrome operating system (not tablets!)

Chrome web browser must be installed

I-series (i3-7) or equivalent processor

**WHEN:** Mondays and Wednesdays 6:15-8:15 PM  
for 6 weeks starting July 10.

**FEES:** \$516 for the 12-class session

**INSTRUCTOR:** Brenda Zhuang

**About the instructor:** Brenda has taught middle school math in our school for several years. She works as a principle engineer in a software company. Her passion is to solve engineering problems with software solutions. She truly believes that learning to code is coding to learn. Computer science is the new literacy all kids would learn.

