



初级编程

Coding

Class structure:

- Cool intro video showing the kids the possibilities of coding/Demonstration of what it can do
- Use websites and online apps to teach kids, this will be their basis for schoolwork
- Probably will have a single goal each class (i.e. “today we will learn about recursion, next week we will learn iteration”).
- Could also have games/puzzles/classwork that teach them sequencing before they touch computers
- Gradually, when we get there, the goal is to have classes that get more challenging for more advanced learners

Some reference websites:

- Code.org (has programs for K-5, middle school, and high school)
- Kodable
- Scratch
- Robozzle
- Lightbot and Lightbot Jr.
- A website that has more info and links: <https://venturebeat.com/2014/06/03/12-games-that-teach-kids-to-code/>

Requirements:

The students need to bring their own devices/laptops

Syllabus:

Will rely heavily on the material that the teacher use, but will be customized to best suit the students' progress and/or needs.