

AFTER SCHOOL CLUB



AGES 6-12
@ 5:00 PM

KID CODERS - CANDY CODING

INTRODUCTION

Make sure to bring your sweet tooth to this month's Kid Coders class! We will be using sugary treats to teach basic coding practices, from binary Lifesaver bracelets to chocolate pretzel Ipad puzzles.



Subjects:

- Binary
- Sequencing

Standards:

- 5-PS1-1
- 4-PS4-3

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Maker

Capacities:

- Juxtapose
- Explore Inner Workings

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Key Terms

- Binary
- Positional

WHAT WE'LL BE USING:

iPads
Glicode App
Pocky Pretzel Sticks

Lifesaver Candy
Binary Code Sheets

What is Binary?

Binary is a system used in computer science and math where numbers and values are represented by a combination of "1" or "0". This is the basic language of all computers, simplifying any number down to a string of inputs that are either "ON/OFF" or "TRUE/FALSE". For example, the number "99" would look like "1100011"! It may look foreign to us, but it is the native language of tech.