

AFTER SCHOOL CLUB

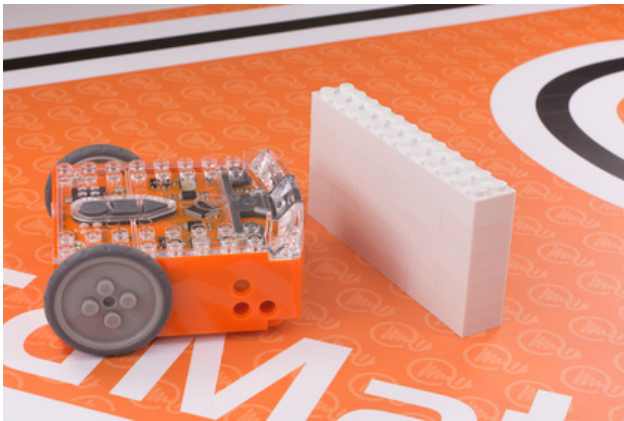


AGES 6-12
@ 5:00 PM

KID CODERS - EDISON ED-VENTURES

INTRODUCTION

Come in during the month of May to practice programming Edison, the orange bricks with a bunch of tricks! Train yours to move on a clap, to follow a light, or run off of a TV remote.



Subjects:

- Binary
- Robotics

Standards:

- 1-PS4-3
- 2-PS1-2

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Maker

Capacities:

- Juxtapose
- Prototype and Test

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Key Terms

- Binary
- Deduction

WHAT WE'LL BE USING:

- | | |
|---------------|-----------------|
| Edison Robots | Paper |
| Lego Bricks | Markers |
| Flashlights | Remote Controls |

How do barcodes work?

If you've ever gone through check-out at a grocery store, you've probably seen the cashier scan a barcode on the food you're buying.

There are 95 evenly-spaced columns the computer reads from left to right. This is a form of binary, where black is "1" and white is "0".

These dashes are like a unique signature for the item, telling the computer who the company is that makes the item, and the product's name.