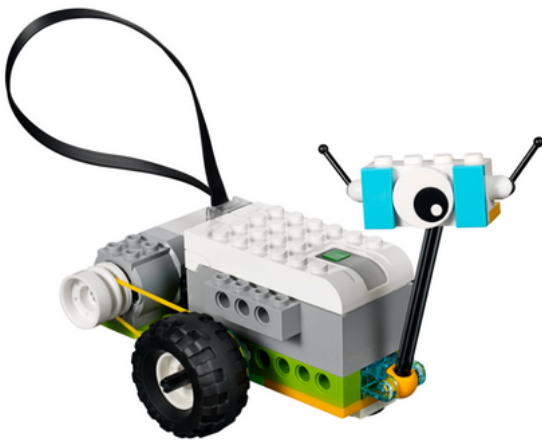


AFTER SCHOOL CLUB



AGES 6-12
@ 5:00 PM

KID CODERS - LEGO ROBOT BONANZA



INTRODUCTION

Who doesn't love an evening building and coding with the world's most favorite studded brick? Use our Lego WeDo software to choose from dozens of robot blueprints. Assemble them and program them to move, light up, sing, and more!

WHAT WE'LL BE USING:

Laptops (Macs and PCs available)
Lego WeDo Robotics Kits

How Does Bluetooth Work?

WeDo Robots, along with a lot of other modern technologies, use Bluetooth to send and receive signals. Instead of having wires that directly connect devices, Bluetooth uses radio waves to transmit data. These pairings happen between two specific devices and keep battery usage really low. But move far away and the signal gets too weak to stay connected!

Subjects:

- Innovation
- Block-Based Coding

Standards:

- K-PS2-1
- 4-PS3-4

nextgenscience.org

Maker Capacities:

- Reframe
- Tinker to Explore

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Key Terms

- Bluetooth
- Innovation