

AFTER SCHOOL CLUB



AGES 6-12
@ 5:00 PM

MAKE IT! - MAKEY MAKEY INSTRUMENTS

INTRODUCTION

Attention all aspiring musicians! This month we are blending circuitry and sound with our Makey Makey instruments. Code your notes in Scratch and then build your buttons with conductive materials.



WHAT WE'LL BE USING:

- Makey Makey Boards
- Alligator Clips
- Laptop (Scratch)
- Aluminum Foil
- Cardboard
- Playdough

How does Makey Makey work?

The white board you see above is a Makey Makey. When you plug it into a computer, it becomes a miniature gaming controller! You can code the directional arrows and buttons to do different things (in this case, play a certain note in Scratch). From there, attach the alligator clips to anything that can conduct electricity and use those as inputs!

Subjects:

- Circuitry
- Conductivity

Standards:

- 3 PS 2-3
- 2 PS 1-2

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Maker

Capacities:

- Tinker to Explore
- Use Categories

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Key Terms

- Conductor
- Insulator
- Grounding