

LEARNING AT HOME WITH MAKEY MAKEY



STEM activities created with kids in mind to encourage playful learning, tinkering, creativity, and invention for everyone at home.

[Get a Makey Makey for home](#)

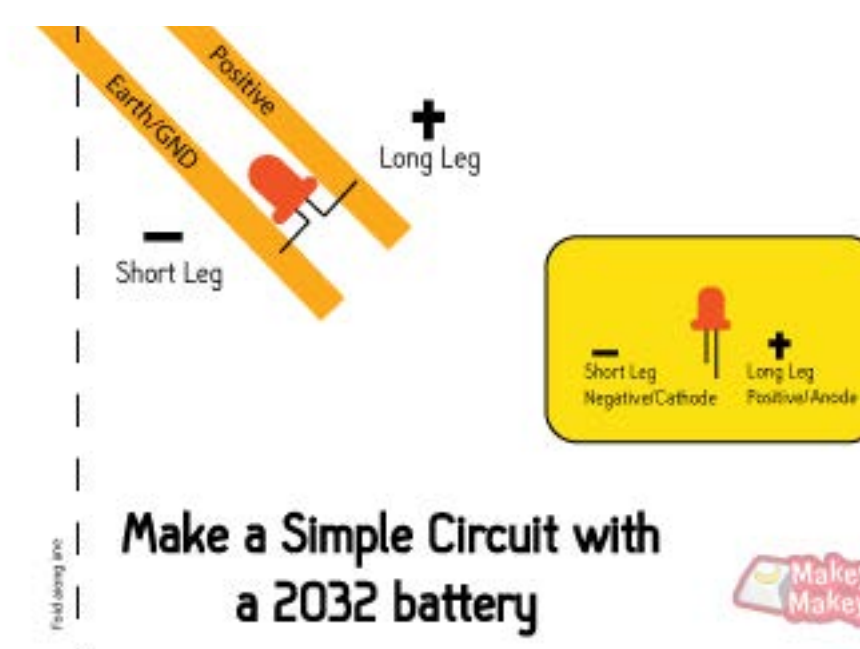
Lesson Description

At Home Learning Link

Learning Objective

Lesson 1: Craft a Circuit

Learn how to hack a tea light to craft a simple paper circuit!

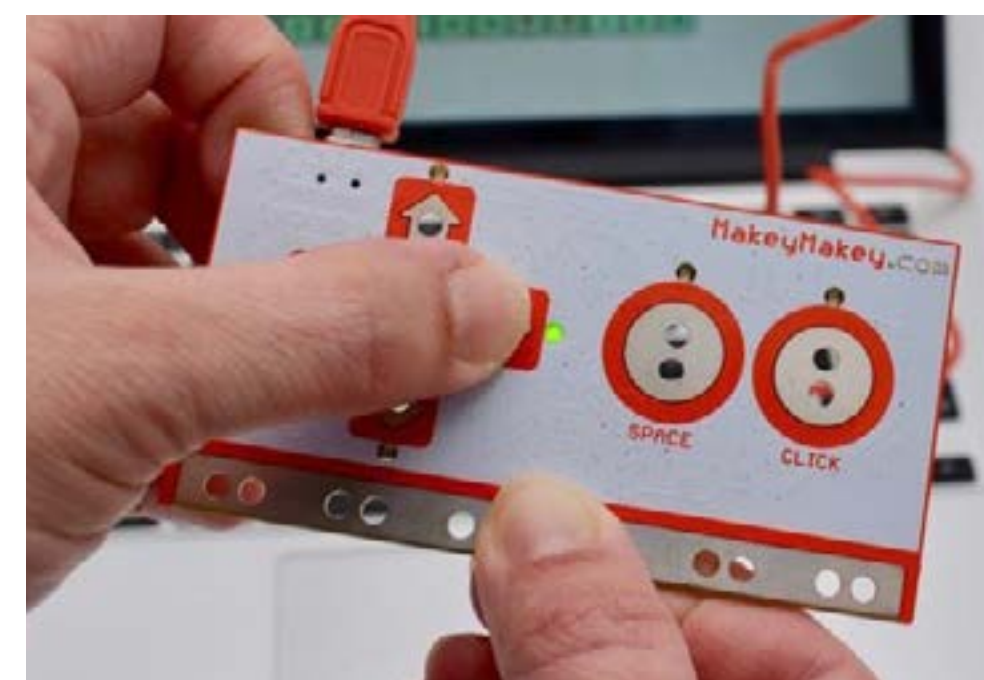


<https://makeymakey.com/blogs/how-to-instructions/lesson-one-simple-circuit>

Learn how things work by taking something apart and building your own circuit to light up an LED!

Lesson 2: Hands on!

Make a simple sketch of Makey Makey and build a human circuit.



<https://makeymakey.com/blogs/how-to-instructions/lesson-two-hands-on-a-makey-makey>

Understand how Makey Makey works, so you can start building and coding your own inventions.

Lesson 3: What is Conductive?

Create a conductivity testing board so you can ideate materials for inventing!



<https://makeymakey.com/blogs/how-to-instructions/lesson-three-what-is-conductive>

Create a science experiment with things around your house. Make observations that energy can be transferred from place to place by electric currents.

Lesson 4: Draw an Instrument

Draw your own instrument, plug it in to various piano apps and play your drawing!



<https://makeymakey.com/blogs/how-to-instructions/lesson-four-draw-a-playable-instrument>

Create, design, and draw a basic circuit layout while learning to debug and problem solve.

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Lesson 5: Code Key Presses in Scratch

Learn more Scratch and start coding projects to play with your Makey Makey.



<https://makeymakey.com/blogs/how-to-instructions/lesson-ve-code-your-key-presses-in-scratch>

Develop plans that describe a program's sequence of events, and expected outcomes so you can make your own software to go with your Makey Makey.

Lesson 6: Craft and Code Stories in Scratch

Craft a city out of cardboard, or draw a city to make an interactive poster.



<https://makeymakey.com/blogs/how-to-instructions/lesson-six-interactive-story-city-diorama-or-poster>

Use narrative techniques, to develop experiences and events in a coded project.

Lesson 7: Code Two-Player MakeCode Arcade Game

Learn to code Makey Makey games in MakeCode Arcade for two players!

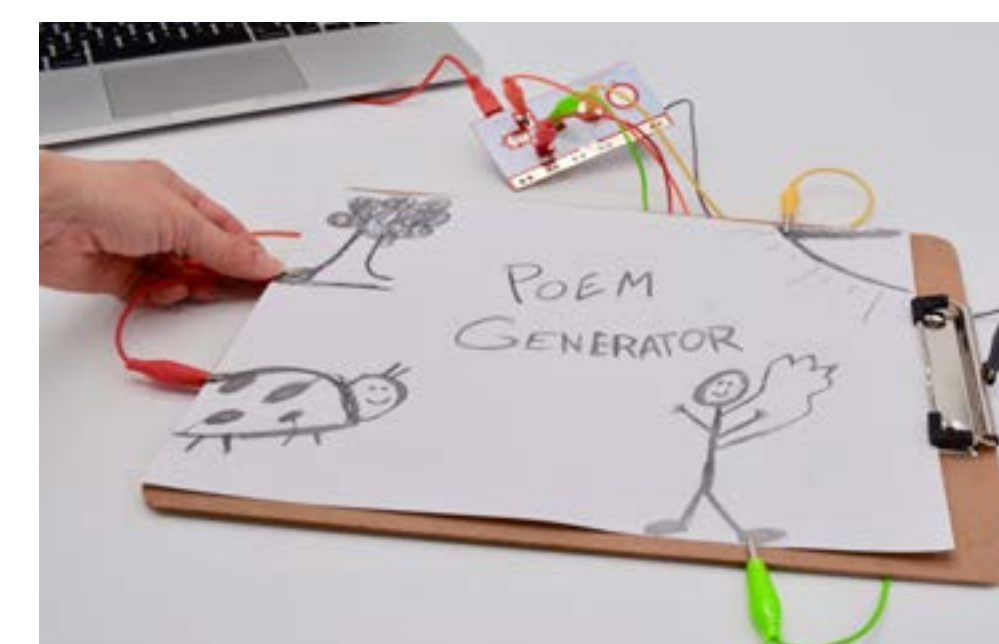


<https://makeymakey.com/blogs/how-to-instructions/lesson-seven-code-key-presses-with-makecode-arcade>

Learn to remap Makey Makey and use MakeCode Arcade to code games for two players.

Lesson 8: Draw and Code a Poem Generator

Delve a little further into coding to craft and tinker with literacy.



<https://makeymakey.com/blogs/how-to-instructions/lesson-eight-draw-and-code-a-poem-generator>

Use lyrical words and phrases and sensory language to create poetic experiences.