



Creative Circuits

Have you ever wondered how stuff works? Do you like to write poetry? Draw? Play music? Create models? If you can say YES to any of these questions, check out the JoyLabz Makey Makey and get started in the incredible world that combines coding, circuits and everyday objects! With a Makey Makey circuitry kit, you will be on the fast track to creating functioning fruit synthesizers, cardboard guitars, interactive blackout poetry and LOTS MORE!!

Getting Started

Many things in life are conductive such as commonly used metals like aluminum and copper; but, some lesser thought-of things have conductive properties, too, such as certain fruits and vegetables, and even people! The Makey Makey Circuitry Kit uses a simple circuit board and wired alligator clips that can be attached to the circuit board, a computer and conductive materials to complete a circuit and make an object or a project operational.

Next Steps

You will need the following equipment to get started with a Makey Makey project; ask the Idea Lab library staffer to help you get the following:

- ❖ 1 computer (*you may use your own, or the MacMini in the Idea Lab, or check out a library-provided Dell laptop, for internal use only*)
- ❖ From the Makey Makey kit, (1) each of the following: circuit board, red wire, orange wire, yellow wire, white wire, green wire, gray wire, USB connector

Examples of Makey Makey

Project Instructions

["Is It Conductive?" Experiment](#)

[Banana Piano](#)

[Piano Chair](#)

[Blackout Poetry](#)

[Game Controller](#)



Helpful Resources

The following internet resources provide countless project ideas and step-by-step instructions. On the Makey Makey website homepage, you can find many project ideas by doing one of the following: (a) click on the **Resources** menu tab to find guides and apps; (b) click on the **Blog** menu tab to view inspirational projects; (c) use the **Magnifying Glass** icon to search for topics.

[Makey Makey](#)

On the Instructables homepage, enter “Makey Makey” into the search box to retrieve guides featuring the Makey Makey product.

[Instructables](#)

Share Your Progress

Be sure to take photos and/or short videos and email them rdonovan@southboroughma.com so we can post them on our Facebook and Twitter pages. Use hashtag #sblibIdeaLab

