

LUNCH TIME TECH CLUB ACTIVITIES

MaKey MaKey Kits



Sessional Workshop Activities

Activity Number	Target Audience	Name and Description of Activity	Resources	Links
1.	First time users of MaKey MaKey	Draw their own controller Students create their own controller by drawing, colouring and attaching the components together. Use a Scratch game (already created) and use the controllers to control/play.	<ul style="list-style-type: none">• Paper• Led pencil	https://librarymakers.net/game-controller-makey-makey https://www.instructables.com/id/Creating-a-Guitar-in-Scratch-or-Soundplant/
2.	Grade Levels: 2 – 4 Age Range: 7-9 year olds	Musical Marshmallows Using marshmallows to make different sounds (instead of using fruit).	<ul style="list-style-type: none">• Large Marshmallows	https://www.youtube.com/watch?v=o4iIQ7lr2W0 https://www.museumofbrisbane.com.au/whats-on/makey-makey-music-makers/
3.	Grade Levels: 2 – 4 Age Range: 9-11 year olds	Interactive Art Make artworks that sing, talk, or play sound effects when they're touched.	<ul style="list-style-type: none">• Paper and drawing materials• Aluminium foil• Tape	https://www.instructables.com/id/Interactive-Art-With-Scratch-and-Makey-Makey/
4.	Grade Levels: 2 – 4 Age Range: 7 – 9 year olds	Whack-A-Mole Use a mallet to hit small moles which appear in random. Hit them back into their holes.	<ul style="list-style-type: none">• Aluminum foil• Popsicle stick• Scotch tape• Paper• Sharpie	https://www.instructables.com/id/Whack-a-mole-Game-With-Makey-MakeyScratch-Programm/
5.	Grade Levels: 4-6 Age Range: 9-11 year olds	Wannabe Rockstar Build a guitar and play music with the different strings	<ul style="list-style-type: none">• Cardboard• Foil• Tape	https://www.youtube.com/watch?v=6wenJ6Kecf8

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6.	Grade Levels: 4-6 Age Range: 9-11 year olds	Say Cheese! Add some flavour to your event's photo booth with...some actual cheese! Use a MaKey MaKey to turn a piece of cheese into a controller, then snap away!	<ul style="list-style-type: none">• Camera Device• Cardboard• Swiss Cheese template	https://www.instructables.com/id/Say-Cheese-Photo-Booth-with-MaKey-MaKey/ https://www.flickr.com/photos/paperbugs/14329112152/in/photostream/
7.	Grade Levels: 4-6 Age Range: 9-11 year olds	Alarm Code to create an alarm with chocolate	<ul style="list-style-type: none">• Chocolate block (must have foil)	https://www.youtube.com/watch?v=u_gNhCJA7Vo
8.	Grade Levels: 4-6 Age Range: 9-11 year olds	Water Piano Use separate water buckets to activate keys on the MaKey MaKey, which in turn play notes on a Scratch-made piano	<ul style="list-style-type: none">• Plastic Containers for different notes• water	https://www.instructables.com/id/Makey-Makey-Water-Piano/
9.	Grade Levels: 4-6 Age Range: 9-11 year olds	Steady Hand Create a quick wire maze game out of everyday items.	<ul style="list-style-type: none">• Wire coat hanger• Cardboard• Duct tape• Pliers• Aluminium foil	https://www.instructables.com/id/Make-a-MakeyMakey-Wire-Maze/
10.	Grade Levels: 4-6 Age Range: 9-11 year olds	Mini Drum Kit Create a mini drum and use MaKey MaKey to make the sounds	<ul style="list-style-type: none">• Cardboard• Aluminium foil	https://www.youtube.com/watch?v=jxAy9ot0ab8

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Project Based Activities

Activity Number	Target Audience	Name and Description of Activity	Resources	Links
1.	Grade Levels: 4-6 Age Range: 9-11 year olds	Operation Game Design and create own Operation style board game.	<ul style="list-style-type: none">• Design Process Story Board• Cardboard• Foil paper• Pens• Tweezers	http://joshburker.blogspot.com/2013/01/makey-makey-scratch-operation-game.html https://www.youtube.com/watch?v=4KEEqZgFVsg
2.	Grade Levels: 4-6 Age Range: 9-11 year olds	Bringing the Band Back Together Design and create different instruments and create an 'ACS Band'.	<ul style="list-style-type: none">• Design Process Story Board• Cardboard• Foil paper• Pens• Tweezers	
3.	Grade Levels: 4-6 Age Range: 9-11 year olds	Dancing Queen Design and create pads to remix dancing style arcade game	<ul style="list-style-type: none">• Design Process Story Board• Cardboard• Pens	
4.	Grade Levels: 4-6 Age Range: 9-11 year olds	Say What?! Find a short story and create sound effects to create dramatic scenes in the story.	<ul style="list-style-type: none">• Design Process List	