



*These "Bite-sized" Training Program guides are designed to help Lifelites Volunteers and champions to train and support hospice staff on the use of the magical Lifelites equipment in small bite-sized chunks.*

## Introduction to Using the Makey Makey

### 1. Introduction – checking previous knowledge

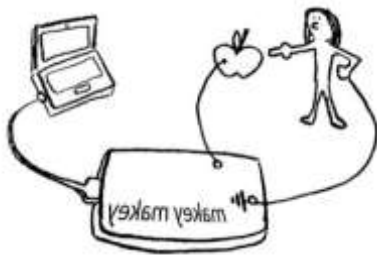
- Begin the session by checking if your trainees have used a touchscreen PC or Windows 8 before. Try and get anybody that hasn't used these to get hands on and use the equipment in the session – don't show them yourself – get them to use the equipment. The MaKey MaKey is kit that allows you to turn everyday objects into touchpads and switches. It works really well with simple cause and effect and switch enabled games.

### 2. Explain the benefits

- Using the makey makey it is a great way to engage children with the games on the PC and have lots of fun. It can also allow you find everyday items that children with PMLD's might prefer or find easier to touch than regular computer equipment or switches.

### 3. How Does it Work?

- Alligator Clip two objects to the MaKey MaKey board. For example, you and an apple.



When you touch the apple, you make a connection, and MaKey MaKey sends the computer a keyboard message. The computer just thinks MaKey MaKey is a regular keyboard (or mouse). Therefore it works with all programs and webpages, because all programs and webpages take keyboard and mouse

#### 1) Plug in USB

Small side of USB cable plugs into MaKey MaKey, big side plugs into computer.

#### 2) Close Popup Window

Your computer may ask you to install drivers or do other setup. You can click cancel or close the window.

#### 3) Connect to Earth

Connect one end of an alligator clip to "Earth" on the bottom of the front side of MaKey MaKey.



**4) Connect to Yourself**

Hold the metal part of the other end of the alligator clip between your fingers. You are now "grounded."

**5) Connect to "Space" and Try It**

While you're still grounded, touch the round "Space" pad on the MaKey MaKey. You should see a green light on the MaKey MaKey, and your computer will think the space bar was pressed

***Use it with anything that is a little conductive: Most fruits and vegetables, marshmallows, gummy candies, macaroni and cheese, cupcakes ,baked beans, spaghetti, plants, play-doh, people, graphite from a pencil, foil, coins, magnets, nuts and bolts, forks and knives, or pots and pans***

**PRACTICE TIME**

- **Flash Cards with the Makey Makey** – Open bob the builder cause and effect games. Now ask a volunteer to come and change the settings to use the flashcards with the makey makey switch. Get everyone to help set it up by asking questions – what should we do first to set it up, what do we press next etc. Use some blue and green playdoh to attach the space bar and enter controls on the makey makey.
  - Now ask them to change the switch colours to blue and green
- Get someone to operate the blue and someone to operate the green - remember both need to hold hands and be connected to the earth to make the simple circuit connect.