### 5 Note Organ assembly instructions

#### Install the components in the following order

- Resistors 7 (use the lead bending tool 10mm)
- Ceramic Capacitor
- · Switches 5 small and 1 large
- IC Socket -1
- Electrolytic capacitor

# Resistor

Ceramic Capacitor



IC Socket



Electrolytic Capacitor



#### Get your soldering and component placement checked before proceeding

- Speaker make sure that the pink stripe on the side is on the left side of the board.
- Battery socket this is installed on the rear of the board, your leader will check your soldering 1st, and show you how to install it as there are a few different versions.
- 555 IC and Battery You will be given this when your soldering has been checked



Note: the "-" lead must go in the "-" hole. (round one), It must also be laid down on the board. This capacitor may be Black or blue in colour.

Brown-Black-Black-Brown



ON/OFF switch, the pins on the switch must be on the left and the right



Resistors R4, R5, R6, and R7 Brown-Black-Red-Gold





This Capacitor can go in either way, and it must be laid down on the board.



Note the Notch at one end of the socket, must line up with the notch on the board diagram



Yellow-Purple-Red-Gold

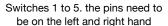


Grey-Red-Brown-Gold



Speaker- you may have a different types of speaker. Ask your Venturer/Leader for advice on how to install it Note the + and - Leads must go in the corresponding holes There is a pink stripe on one side, it must go on the left side of the board







1st Cobargo Scouts

V2 - Oct 2020

## **5 Note Organ assembly instructions**





### **Battery holder**

Take the cover tape of the double sided tape before putting the battery socket into the board.



Name and Group
Write your name and Group on the back in the space provided



1st Cobargo Scouts V2 - Oct 2020