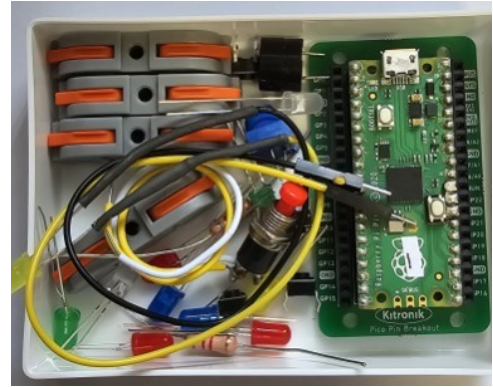


PHYSICAL COMPUTING

Slight Changes to the FireFly and Party Popper script for Pico's

Resource Box:

Contains all the parts for FireFly and Party Popper.



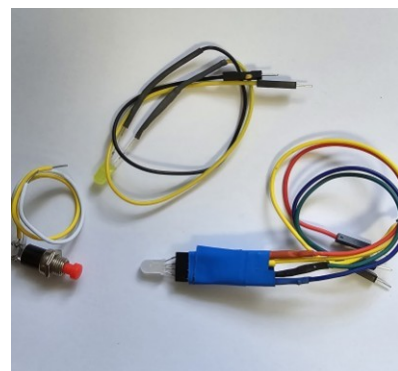
Pico mounted on a Kitronik board.

This enables the kids to read the GP pins from the top and enable them to plug in the LED's without looking at the bottom of the Pico.



Pico Circuits. I have soldered up the FireFly LED, RGB LED and switch.

This stops the kids from wrapping the components around loose jumpers.



Instructions for setting up Thonny using a Pico:

This is covered in the scripts, however as an overview you will need to ensure that Pico is configured for:

- Connect your Pico to a laptop USB port – if it looks like image below all is good
- MicroPython (Raspberry Pi Pico) – Run configuration interpreter and install if missing
- Install picozero – Run Tools Manage packages and install if missing
- Restart backend – found in Tools manage stop or reset backend

If all is OK then Thonny should be displayed as below:

```
Shell x

MicroPython v1.19.1 on 2022-06-18; Raspberry Pi Pico with RP2040
Type "help()" for more information.
>>>

MicroPython (Raspberry Pi Pico) •
```

Have fun.
John