

## Raspberry Pi Setup

The Raspberry Pi's were running the following OS (most recent at the time of the course):

2016-09-23-raspbian-jessie

To setup a Raspberry Pi as used at the Tecademy run the following in terminal:

```
sudo apt-get update
sudo apt-get install robocode
sudo apt-get install arduino
sudo apt-get install mu
```

## Contact us

info@softwarecornwall.org

## Follow us

[www.facebook.com/softwarecornwall](http://www.facebook.com/softwarecornwall)  
[www.softwarecornwall.org](http://www.softwarecornwall.org)  
[www.cornwalltechjam.uk](http://www.cornwalltechjam.uk)  
[www.meetup.com/cornwall-digital](http://www.meetup.com/cornwall-digital)

#tecademy  
#swcornwall  
#cornwalltechjam

## Tecademy Slides and Worksheets

<https://github.com/SoftwareCornwall/Tecademy>

## Teaching Resources

<https://www.youtube.com/user/GeekGurlDiaries>  
<http://barefootcas.org.uk/>  
<https://raspberrypi.org/resources>  
<https://raspberrypi.org/education/downloads>  
<https://www.codeclub.org.uk/>  
<https://www.cs-first.com/>

## Python Library Information

<https://gpiozero.readthedocs.org>  
<https://picamera.readthedocs.org>

## Kits

CamJam EduKit  
CamJam EduKit 2 - Sensors  
CamJam EduKit 3 - Robotics

### **Online Coding**

<https://studio.code.org>  
<http://lightbot.com>  
<https://scratch.mit.edu>  
<https://blockly-games.appspot.com>  
<http://www.kodugamelab.com>  
<https://www.touchdevelop.com>  
<http://beetleblocks.com>  
<https://trinket.io>  
<http://scratchx.org>

### **Online Retailers and Wholesalers**

<http://wholesale.pimoroni.com/>  
<https://shop.pimoroni.com/>  
<http://www.modmypi.com/>  
<https://thepihut.com/>  
<http://cpc.farnell.com/mksp2-raspberry-pi-camera-and-accessories>  
<http://uk.rs-online.com/web/generalDisplay.html?id=raspberrypi>

### **Local Support from Lorraine Dryborough @BodminCollege**

CAS Master Teacher  
Royal Academy of Engineering - free kits  
Robotics days (Arduio based)

[DL@bodmincollege.co.uk](mailto:DL@bodmincollege.co.uk)

### **Other resources**

<http://www.theraspberrypiguy.com/>  
<http://thepodcast.com/>  
<https://github.com/gkvoelkl/python-sonic>  
<https://github.com/realpython/flask-single-page-app>

## **Newsletters / PDF magazines**

<https://www.raspberrypi.org/weekly/>  
<https://www.raspberrypi.org/education/>  
<https://www.raspberrypi.org/magpi/>

## **eBay**

USB micro cables:

5 Packs USB 2.0 A to Micro B Data Sync Charge Cable Lead for Samsung HTC LG  
NEW

USB powered speakers:

USB Portable Computer Laptop Speakers System Multimedia Desktop PC Speaker  
MAC

## **Robocode**

<http://robocode.sourceforge.net/>

## **micro:bit**

Anthony Lawrance - [artisan@anthonylawrence.me.uk](mailto:artisan@anthonylawrence.me.uk)  
<http://microbit-micropython.readthedocs.io/en/latest/>