

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 mu  
sudo apt-get install mpg321
```

Contact us

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www.cornwalltechjam.uk
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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

Other resources

<http://www.theraspberrypiguy.com/>
<http://thepipodcast.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
<http://microbit-micropython.readthedocs.io/en/latest/>