Raspberry Pi setup for the Young Coders classroom

Equipment you should have:

    Raspberry Pi
    Case (optional but recommended)
    power supply
    monitor and HDMI cable
    keyboard and USB connector
    mouse and connector
    SD card, with Raspian image

Once the board is in its case and all the peripherals are plugged in, turn on the monitor. You should see the initial installation screen.

Installation:

1) Select only the first installation option, for 'Install Raspian' - do not select any other options

2) Click the Install icon

3) If you get a popup asking if you want to overwrite the existing operating system, select YES

4) Move on to the next Raspberry Pi - this initial installation step will take a few minutes

5) When the installation step finishes and the configuration screen comes up:
    a) Option 3 ('Enable Boot to Desktop/Scratch') and configure to boot to **desktop**
    b) Option 4 ('Internationalisation Options'):
       - change the locale to use en_US UTF-8
       - change the keyboard to use en_US UTF-8 (enter past all the other keyboard options
- the rest of the keyboard defaults are fine)

6) Tab over to 'Finish' and reboot

7) Once the reboot is complete, make sure there are icons on the desktop for Idle (Python 2) and Pygames

If you make a mistake and need to modify the configuration in some way, run this from the command line:

```
sudo raspi-config
```

Additional docs: https://www.raspberrypi.org/documentation/setup/