**Getting a Raspberry Pi Up & Running**

1. Build SD card using Etcher
2. Put the Raspberry Pi board into the case and install the SD card.
3. Hookup keyboard and mouse to USB ports
4. Hookup Ethernet cable to Ethernet connector (optional)
5. Hookup monitor to HDMI connector on the Pi using an HDMI cable (or HDMI to DVI)
6. Hookup Ethernet cable to the Ethernet connector on the Pi (optional)
7. Hookup the power cable micro-USB connector to the micro-USB connector on the Pi
8. Plug the ‘A’ end of the USB cable to the USB connector on the wall plug
9. Plug the wall plug into the wall power outlet and watch the Pi boot
10. This step may be skipped as it has already been performed with your image.

On first boot, the Raspian operating system will expand the file system will start. This will expand the file system to utilize the full capacity of the SD card.

* 1. Start the console by clicking on it’s icon/
  2. Start raspi-config by typing sudo raspi-config
  3. Internationalization options (item 4)
     1. Hit Enter
     2. Select item I3 Change Keyboard Layout
     3. A little wait here to load in all of the keyboard options
     4. Select Generic 104-key PC
     5. Select Other
     6. Select English (US)
     7. Select English (US) (just above Cherokee)
     8. Use all default values for the rest of the screens until you get back to the original screen
     9. A little wait while keyboard mapping is setup
  4. Select Finish and hit Enter and the Pi will boot to desktop

1. Now that we have our Pi successfully booted, we would like to add additional software. Will be using apt-get (a Linux package handler) to install OpenOffice and Frozen Bubble (a game).
2. Open terminal by double-clicking on the shortcut.
3. Issue the following commands and follow the onscreen prompts:
   1. sudo apt-get update
   2. sudo apt-get upgrade
   3. sudo apt-get install openoffice.org
   4. sudo apt-get install frozen-bubble
4. Now that we have added the software, make sure everything works by starting it from the menu.