**Introducing the Raspberry Pi**

The Raspberry Pi 3 Model B+ is the latest production Raspberry Pi 3 featuring a 64-bit quad core **processor** running at 1.4 Ghz. It incorporates built-in WiFi and Bluetooth connectivity with enhanced dual-band 2.4 GHz and 5 GHz WiFi, Bluetooth 4.2/BLE and faster Ethernet.

* 4 USB ports
* 40 GPIO pins
* Full HDMI port
* Ethernet port
* Combined 3.5mm audio jack and composite video
* Camera interface (CSI)
* Display interface (DSI)
* Micro SD card slot
* VideoCore IV 3D graphics core



**Software**

1. Python – computer programming
2. GCC – C/C++ programming
3. Java SDK – Java programming
4. Code::Blocks – C/C++ programming environment
5. BlueJ – Java development environment
6. Geany – Java development environment
7. GIMP – image processing (like Adobe Photoshop)
8. Inkscape – vector graphics drawing program (like Adobe Illustrator)
9. Fritzing – Electronic design
10. MonoDevelop - .NET programming in C#
11. Minecraft Pi Edition
12. Scratch – Visual programming
13. Mathematica – Symbolic Algebra System
14. Libre Office – Office software
15. TuxMath – Math drill program in form of a game
16. TuxType – Typing tutor program
17. TuxPaint – Paint program
18. GCompris – Educational Software Suite
19. GIMP – Image editor (like Photoshop)
20. GBrainy – Brain teaser game
21. Arduino IDE – Programming IDE for Arduino Microcontroller
22. Processing – Integrated Development Environment built for the electronic arts
23. VLC – Media Player
24. Audacity – Multi-track audio editor