



Bibliotech

Raspberry Pi Resource Guide



Raspberry Pi Guide

Difficulty Level: Beginner-Moderate

The [Raspberry Pi](#) is a single board computer that is easily programmed and adapted to suit different tasks. It enables people of all ages to explore computing, and learn to program in languages like Scratch and Python. It's capable of doing everything you'd expect a desktop computer to do, from browsing the internet and playing high-definition video, to making spreadsheets, word-processing, and playing games.

Use the [Quick Start Guide](#), or these [quick start instructions](#), to begin using the Raspberry Pi.



Inventory:

- 1 Raspberry Pi device (blue)
- 1 power cord
- 1 NOOBS SD Card
- 1 USB Stick
- 9 LEDs
- 13 resistors
- 1 breadboard
- 1
- 2 tactile switches
- 31 jumper wires (breadboard wires)
- 1 ribbon cable
- Instructions page (green)

Creating:

- Use [Scratch](#) to create a video game on the Raspberry Pi. Scratch is a visual programming tool that allows the user to create animations and games with a drag-and-drop interface.
- [Linux Wiki](#) provides tutorials for more advanced projects.