Intro to Raspberry Pi

CoderDojo

What is a Raspberry Pi?

It's a teeny tiny computer. It has all the parts a normal computer has, but it all fits on to an electronics board the size of a bank card. If your **Raspberry Pi** is in a case, take the lid off and have a look….

Input / Output pins
Used to send signals to devices, and receive data back

USB ports
Used to connect keyboard, mouse and lots of other devices

Antenna
For transmitting/ receiving **wifi** and **bluetooth**

MicroSD socket
The **operating system** and all your **files** and **data** are stored on a card

"System on a chip" SOC
Performs all the functions of a central processing unit and a graphics processor

USB control chip

MicroUSB socket
Used to power the Raspberry Pi

HDMI socket
Used to connect the Raspberry Pi to a monitor or TV

Ethernet socket
Used to connect to other computers and the internet

3.5 mm audio socket
Used to connect headphones or speakers