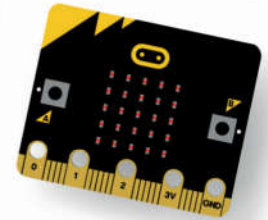




QUICK START GUIDE

For full set up instructions, please visit:
<https://www.microbit.org/start>



Requirements

- A male to micro USB cable to connect your computer to your BBC micro:bit. This is the same cable that is commonly used to connect a smart phone to a computer
- A laptop or PC running Windows 7 or later, or a Mac running OS X 10.6 or later
- Access to the Internet

Accessing the BBC micro:bit website

- If you're a student, just go to www.microbit.org and select **Create Code** to start coding.

Powering your BBC micro:bit

- When your BBC micro:bit is not connected to your computer with a USB, you will need 2 x AAA batteries to power it.
- Always keep your BBC micro:bit in the anti-static bag when not using it. It's good practice for students to earth themselves before handling it.
- Only handle the BBC micro:bit by its edges and avoid touching the components when powered.
- If your micro:bit is damaged stop using it immediately.
- Contact microbitreturns@bbc.co.uk with details about the unit.

Coding your BBC micro:bit

- Go to **Create Code** and choose the editor that you would like to code with. There are lots of tutorials and information on the website to help you on your coding journey
- When you have finished your script, press **run** to see it play on the on screen simulator

Using phones and tablets

- Find out how to use the BBC micro:bit App to connect your phones and tablets with the BBC micro:bit in the getting started section on the website

Connecting your BBC micro:bit

You connect your BBC micro:bit to your computer with a micro USB.

- Connect the small end of the USB cable to the micro USB port on your BBC micro:bit
- Connect the other end of the USB cable to a USB port on your computer

Your computer should recognise your BBC micro:bit as a new drive. On computers running Windows, MICROBIT appears as a drive under Devices and drives. On a Mac it appears as a new drive under Devices.

Compiling your script

- Open your script in your editor of choice.
- Click '**Compile**' or '**Download**'. Your script is converted into a .hex file that you can transfer and run on your BBC micro:bit.

Transferring the file to your BBC micro:bit

- When the file has downloaded, open up Windows Explorer and open up the **MICROBIT** drive. Drag and drop the .hex file onto your MICROBIT drive
- The LED on the back of your BBC micro:bit flashes during the transfer which only takes a few seconds
- Once transferred, the code will run automatically on your BBC micro:bit. To rerun your program, press the reset button on the back of your BBC micro:bit. The reset button automatically runs the newest file on the BBC micro:bit
- Once you transfer a file to the BBC micro:bit, you can disconnect the BBC micro:bit from your computer

