



Before watching the video. Drag and drop the images below the words.

micro usb cable	battery pack	socket	button



It's really simple to **get started** with the BBC _____. You just **need** a **micro:bit**, a **micro USB** _____ and a _____. The **micro:bit** **is** a piece of **hardware**, a **tiny pocket-sized computer**. To **make it work** you have **to tell it** what **to do** by **writing** a computer _____. **Programs** **are called** _____.

The **micro USB cable** **is used to transfer** the **program** onto the **micro:bit**. Let's **have** a **look** at **it**. On one side of the **micro:bit** you **will see** 25 _____ arranged (organizados) as a square to **make** a simple _____. There **are** also two input _____, **button A** and **button B**. On the other side you will **see** a **reset button** and a small _____ to **plug in** a **battery pack**.

We **explore** the _____ and other **features** in further **videos** in this series. The **micro:bit** **can** only **do** what you **tell** it to **do**, so the first **thing** you **need** to **do** is _____ a **program**. You **can use** different _____ **languages** to **do** this, for example _____ which **works** as a _____ and **text editor**, or the **Python text-based editor**. For **beginners** **MakeCode** **is a good place to start**.

We've **selected** some simple _____ to **help** you. **Choose** one to **get started**. The latest version of the **micro:bit** **has** some **exciting** new _____ (características). The **microphone adds** a **sound** _____ and the special _____ on the front of the **micro:bit** _____ (iluminar) to **show** you when this new **sound input** is _____ **sound levels**. The _____ lets you **add** sound as an instant audio _____ to your **projects**.

On the front of the new **micro:bit** its _____ **is** now **gold**. This new **capacitive** _____ **sensor** **is** an input that **helps** you _____ with your **micro:bit** in even more **exciting** ways and now you **can turn** the new **micro:bit off** by _____ your **finger** down on the **reset button** on the back and you **can** _____ by **pressing** it again.

Answer these questions:

1. What are the three things you need to get started with the BBC micro:bit?

2. What is a program, and what is it used for?

3. What are some of the features of the micro:bit, and what do they do? True or False.

The micro:bit has:

	TRUE	FALSE
- 25 LEDs arranged as a square	<input type="checkbox"/>	<input type="checkbox"/>
- 2 input buttons (button A and button B)	<input type="checkbox"/>	<input type="checkbox"/>
- a LDR or Light Dependent Resistor	<input type="checkbox"/>	<input type="checkbox"/>
- a reset button	<input type="checkbox"/>	<input type="checkbox"/>
- 2 reset button	<input type="checkbox"/>	<input type="checkbox"/>
- a big socket to plug in a battery pack.	<input type="checkbox"/>	<input type="checkbox"/>
- a small socket to plug in a battery pack.	<input type="checkbox"/>	<input type="checkbox"/>
- a microphone (which adds a sound sensor)	<input type="checkbox"/>	<input type="checkbox"/>
- a speaker	<input type="checkbox"/>	<input type="checkbox"/>
- a capacitive touch sensor	<input type="checkbox"/>	<input type="checkbox"/>
- an inductive touch sensor	<input type="checkbox"/>	<input type="checkbox"/>
- a gold logo	<input type="checkbox"/>	<input type="checkbox"/>
- a silver logo	<input type="checkbox"/>	<input type="checkbox"/>

4. What are the two programming languages you can use to program the micro:bit?

5. How do you turn off and wake up the micro:bit?