

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.

LIVEWORKSHEETS

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	☐	☐
- 2 input **buttons** (button A and button B)	☐	☐
- a LDR or Light Dependent Resistor	☐	☐
- a reset **button**	☐	☐
- 2 reset **button**	☐	☐
- a big **socket** to plug in a battery pack.	☐	☐
- a small **socket** to plug in a battery pack.	☐	☐
- a **microphone** (which adds a sound sensor)	☐	☐
- a **speaker**	☐	☐
- a capacitive touch **sensor**	☐	☐
- an inductive touch **sensor**	☐	☐
- a gold **logo**	☐	☐
- a silver **logo**	☐	☐

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?

LIVEWORKSHEETS