

Useful Code Blocks

B is HI **B is LO**

HI means the button is pressed LO means de-pressed

wait until B is HI

Wait until the button attached to B is pressed down

if B is HI **then** ... **end if**

If the button attached to B is pressed down (HI) then do something

if B is HI **then** ... **else** ... **end if**

If the button attached to B is pressed down (HI) then do something else it is not pressed

do until B is HI **loop**

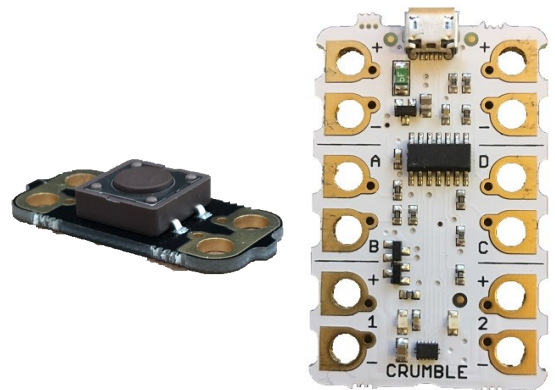
Do something continually until button B is pressed

do until B is HI **loop**

Do something continually until button B is pressed

If you wish any of these programs to check over and over don't forget to wrap them in a forever loop

Crumble Push Button



MC50rb

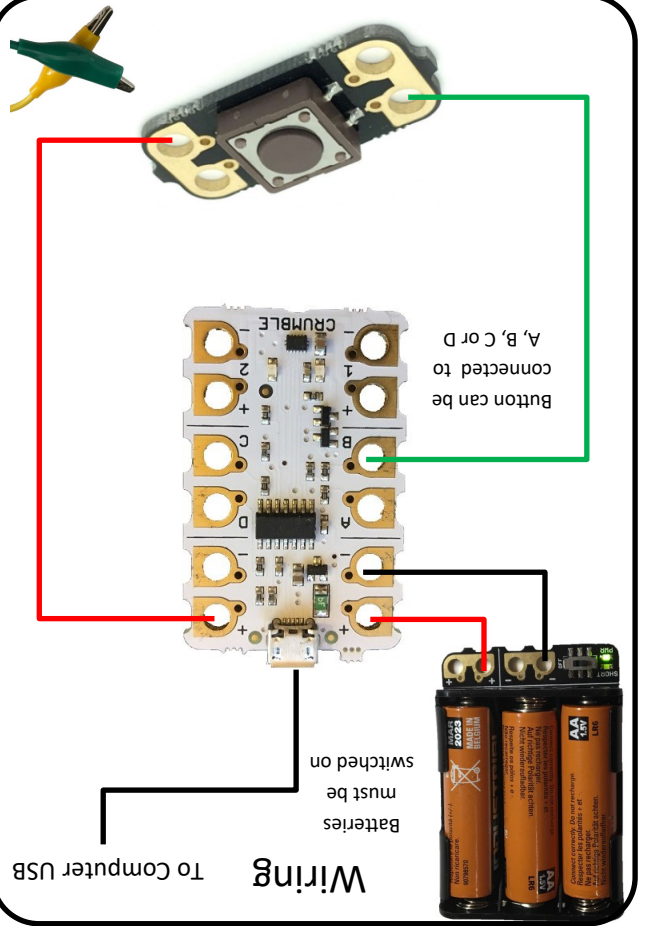
Wiring

To Computer USB

Batteries must be switched on



Button can be connected to A, B, C or D



More Information

Remember you can make things happen when the button is pressed and when the button is de-pressed.

There are other types of switches that don't have to be held down to stay (HI) on.

The colour of the insulation on the wires is to help you easily spot errors. Many electrical diagrams would show + as red and - as black. You can use any colour wire that is available to you, it will make no difference to the program.