

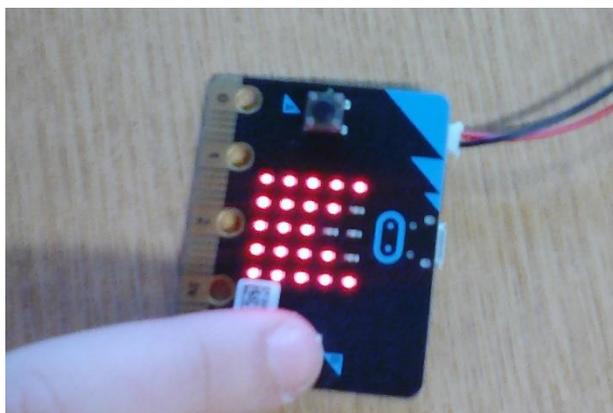


Jókai Mór Elementary School in Pécs, in the southern part of Hungary

Introducing micro:bit to Jókai Mór Elementary School

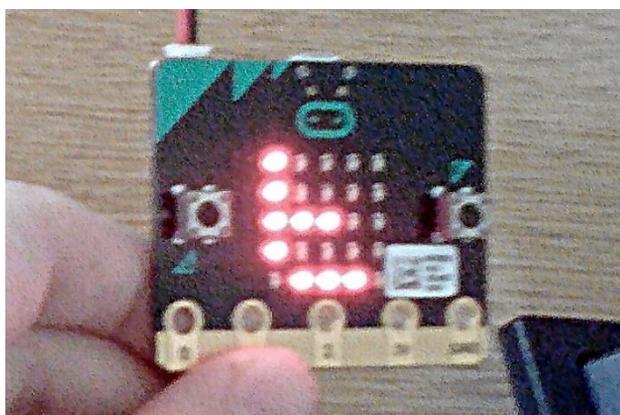
In March 2017 our interest has started in a programmable device „micro:bit”. Our students was able to try this device by a project named „BBC Micro:bits program of Inventors”. Nine students were participated within the one month long project. Meanwhile some of our students have compiled more than one programs.

You can read about projects made by our students below:



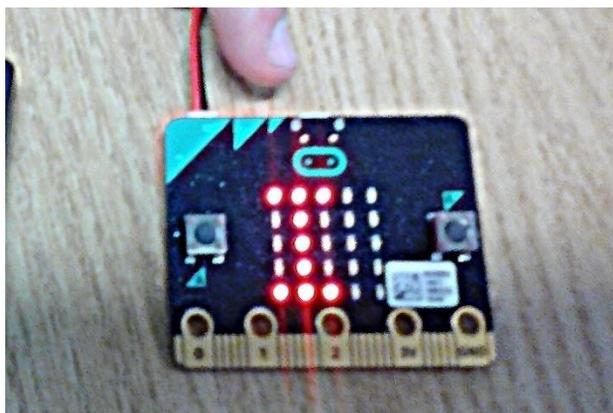
A program made by Judit Nagy-Gál

At the begining the three lower led lines are lit. When pressing the A button, a led is lit on the left side, if you press it one more time two more leds will be lit. When pressing the B button, a led is lit on the right side, if you press it one more time two more leds will be lit. If you shake it, the three lower led lines are lit again.



A program made by Gábor Pagáts

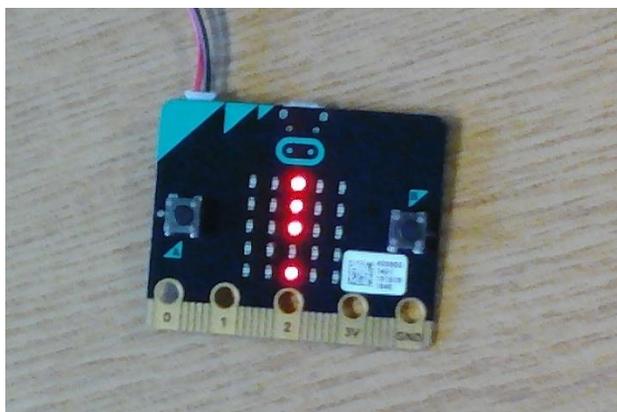
At the beginning the appliance says "Start! Press button A!" If you press the A button, it starts showing squares.



A program made by Máté Tamás Nagy

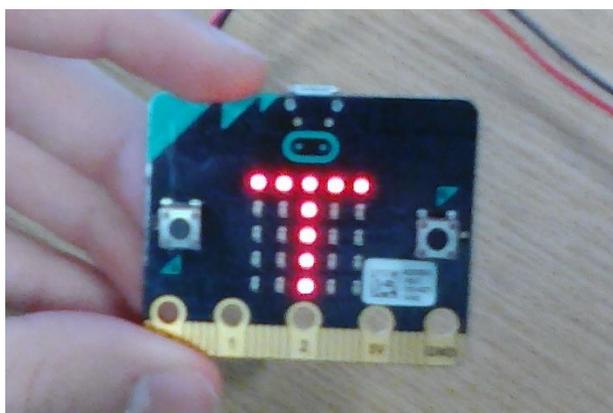
At the beginning the appliance says MICRO:

If you press the A button, the appliance says B. If you press the B button, the appliance says I. If you press the A+B buttons, the appliance says T, and starts to make a smiling face.



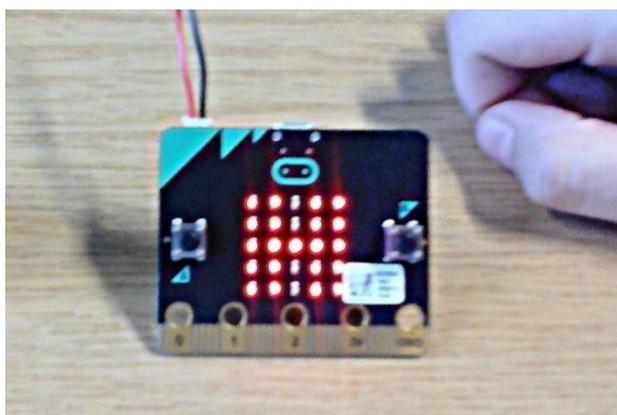
A program made by Zsófia Esztergomi

If you press the A button, the appliance says Hello. If you press the B button, the appliance starts to make a smiling face. If you press the A+B buttons, a ghost appears on the screen. If you shake it, a heart can be seen.



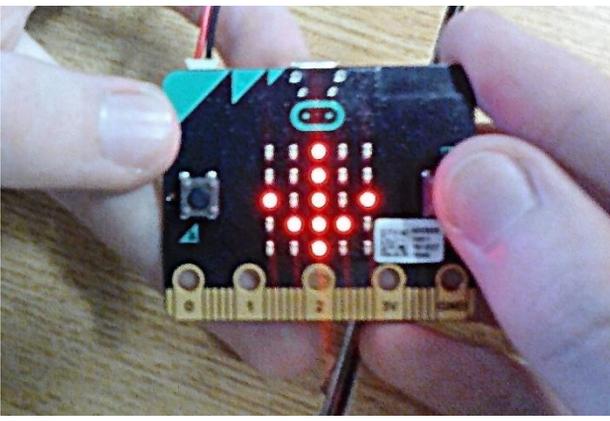
A program made by László Bánki

If we shake the appliance, the screen shows you every other opportunity. Pressing the A button, the word MICROBIT appears on the screen. Pressing the B button, spinning squares appear on the screen. If you press both of the buttons at the same time, the screen counts back from 3, and then plays a song file.



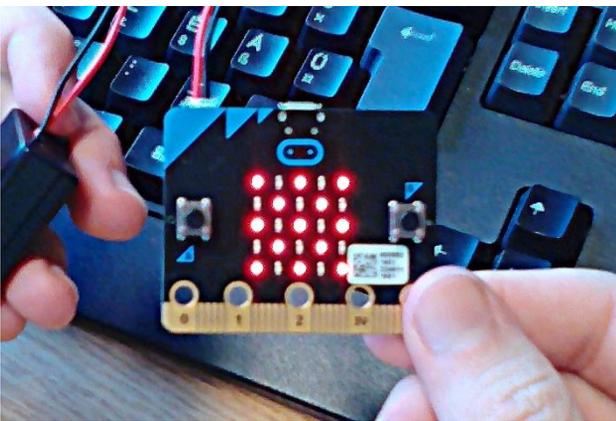
A program made by Inez Gasteiger

Pressing the A button, the word HELLO appears on the screen three times. Pressing the B button, a tick appears on the screen with a smiley. Pressing both of the buttons at the same time, an angle bracket and a heart appear. If I shake the appliance, it spells I love my family.



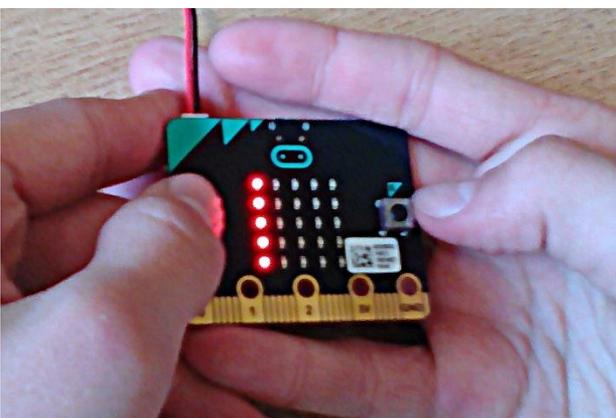
A program made by Zsombor Lénárd

At the beginning a # passes through the screen. If I press the A button for the first time, then it points down (towards the south). If I press the B button, the full screen lights up, and then if I press the A button, it points up (towards the north). If I shake it, it starts to play music and spells the title of the song. If I press both of the buttons at the same time, its heart starts to beat, and then a smiling face appears on the screen. If I touch the 0 sign, then it spells Thanks!.



A program made by András Korb

Pressing the A button, the appliance spells: "Hello! I'm Andras Korb. I from Hungary, Pecs., Pressing the B button, the appliance spells: "Now you are watching my little micro.bit program! :),, If I shake the appliance, it spells: "This is my 1st program.,, If we turn it left, it spells: "My favorite number is 5.,, If we turn it right, it spells: "My favorite subject is info. So I do it for fun but not only, I wanna be an info teacher or something like that, or just somebody who uses info for his work."



A program made by Bence Hidegkuti

Pressing the A button, moving lights in rows appear on the screen first from up to down, then from left to right. Pressing the B button, the size of a square gets smaller, then bigger again.

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