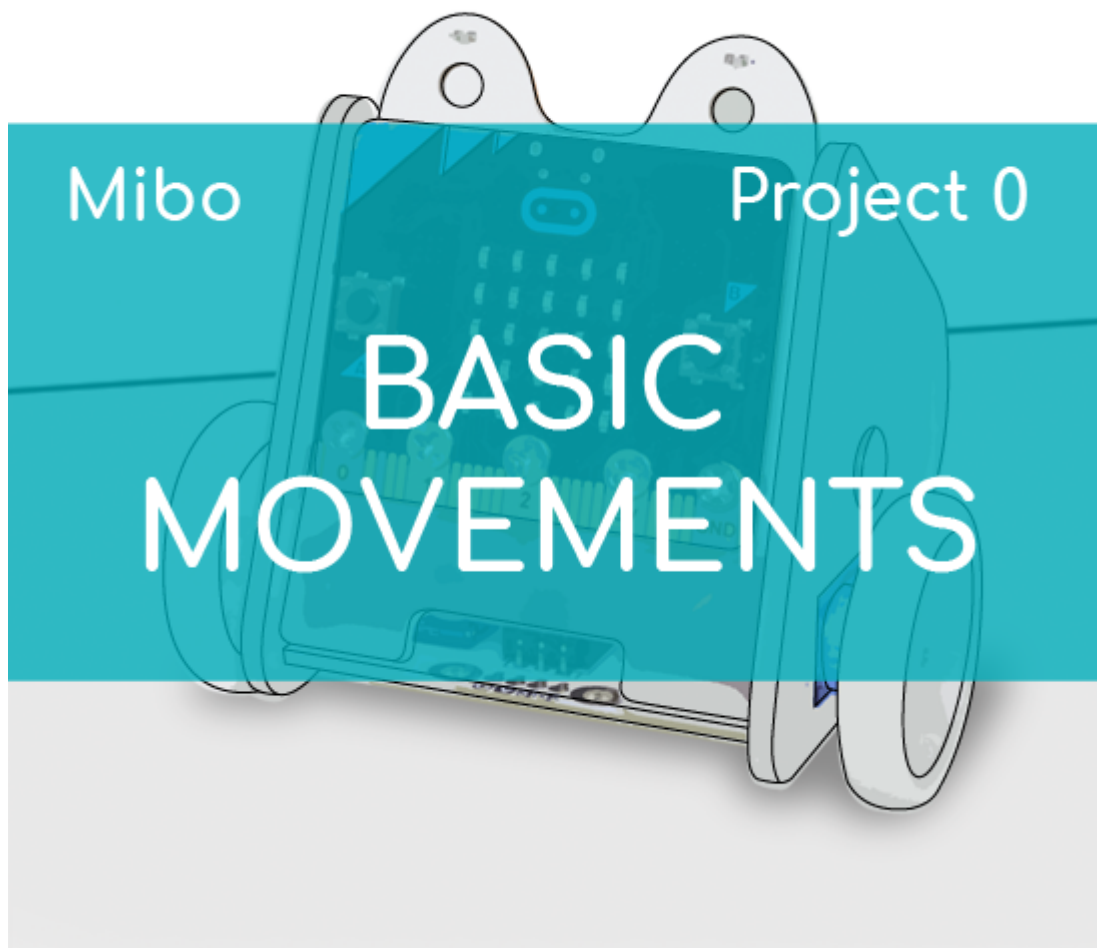


# Project 0 - Basic movements



Learn to control and program MIBO robot. When you push A or B button on micro:bit board, it will move forward or backward.

**DIFFICULTY LEVEL:** Beginner.

**DURATION OF EXERCISE:** 30 minutes

## **MATERIALS**

- 1 MIBO
- 3 AAA cells
- 1 wire USB - micro USB
- Computer

## **MOUNTING MIBO**

See next guided video to mount your MIBO.

## **PROGRAM CODE**

To program the MIBO use the micro:bit web programming platform, named Makecode.

Create a new project and write the code, with the help of the steps indicated in the following video.

Next you have the programming code in Makecode. You can access to download or edit. If you cannot access, [click here](#).

Once the project has been downloaded to your computer, with the “.hex” format, copy it to the micro:bit in the same way you copy a file to a USB stick.

- On windows, you can right-click on the downloaded “.hex” file, and select “Send to → MICROBIT”.
- On Mac, you can drag and drop the downloaded “.hex” file into the MICROBIT drive.

If you have any doubts, check the quick guide from micro:bit.

## **PROJECT RESULT**

Congratulations, you have done your first project with MIBO!

You can see the result of this project in next video: