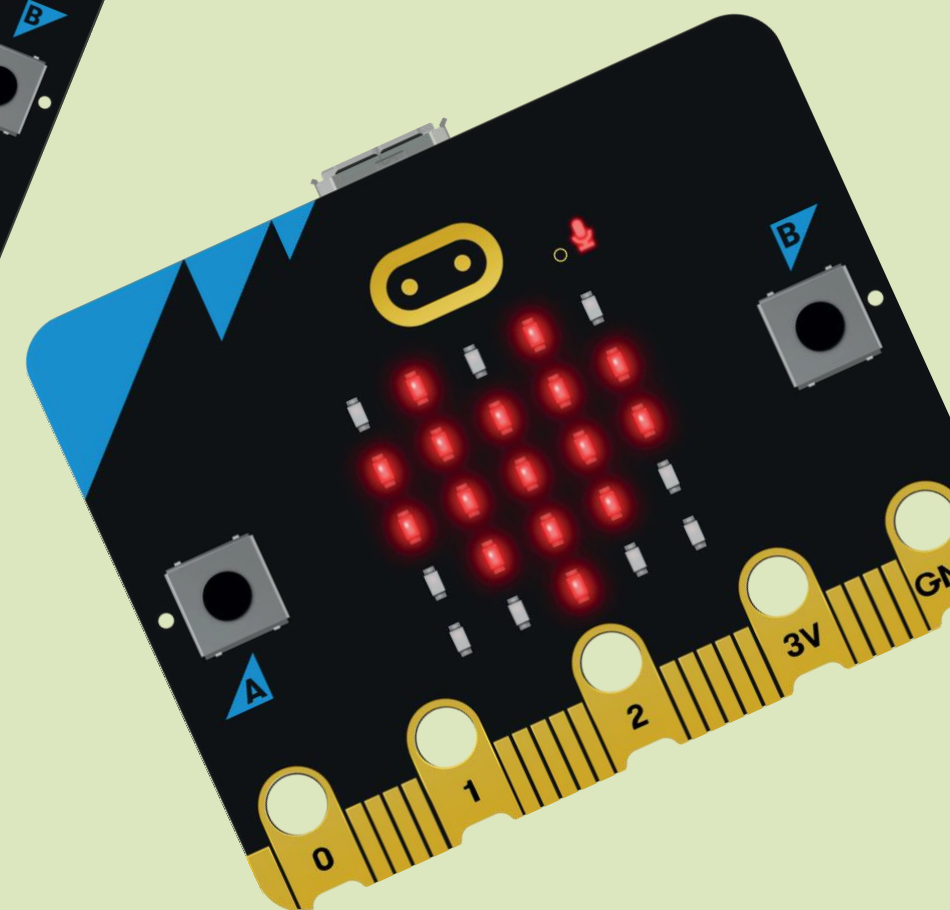
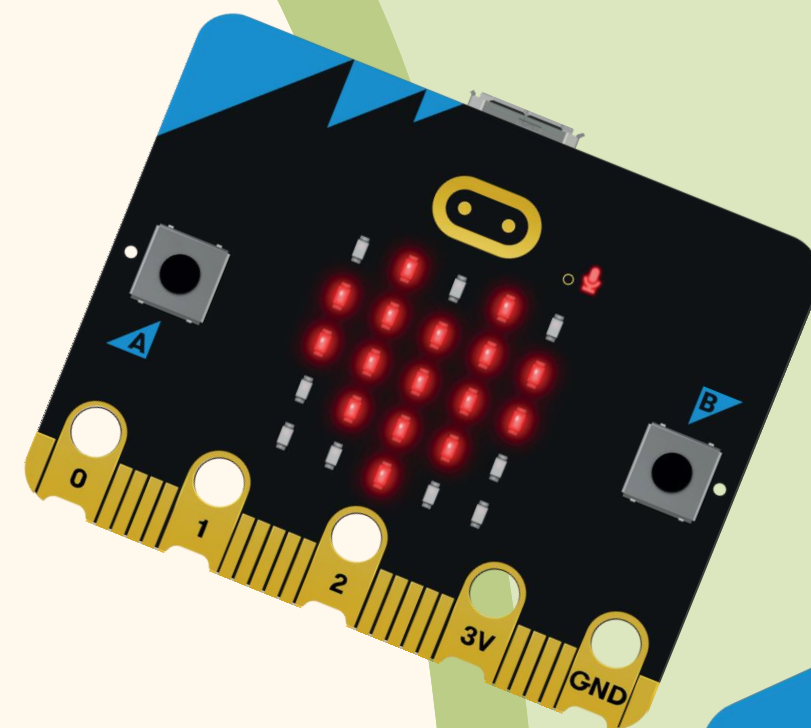


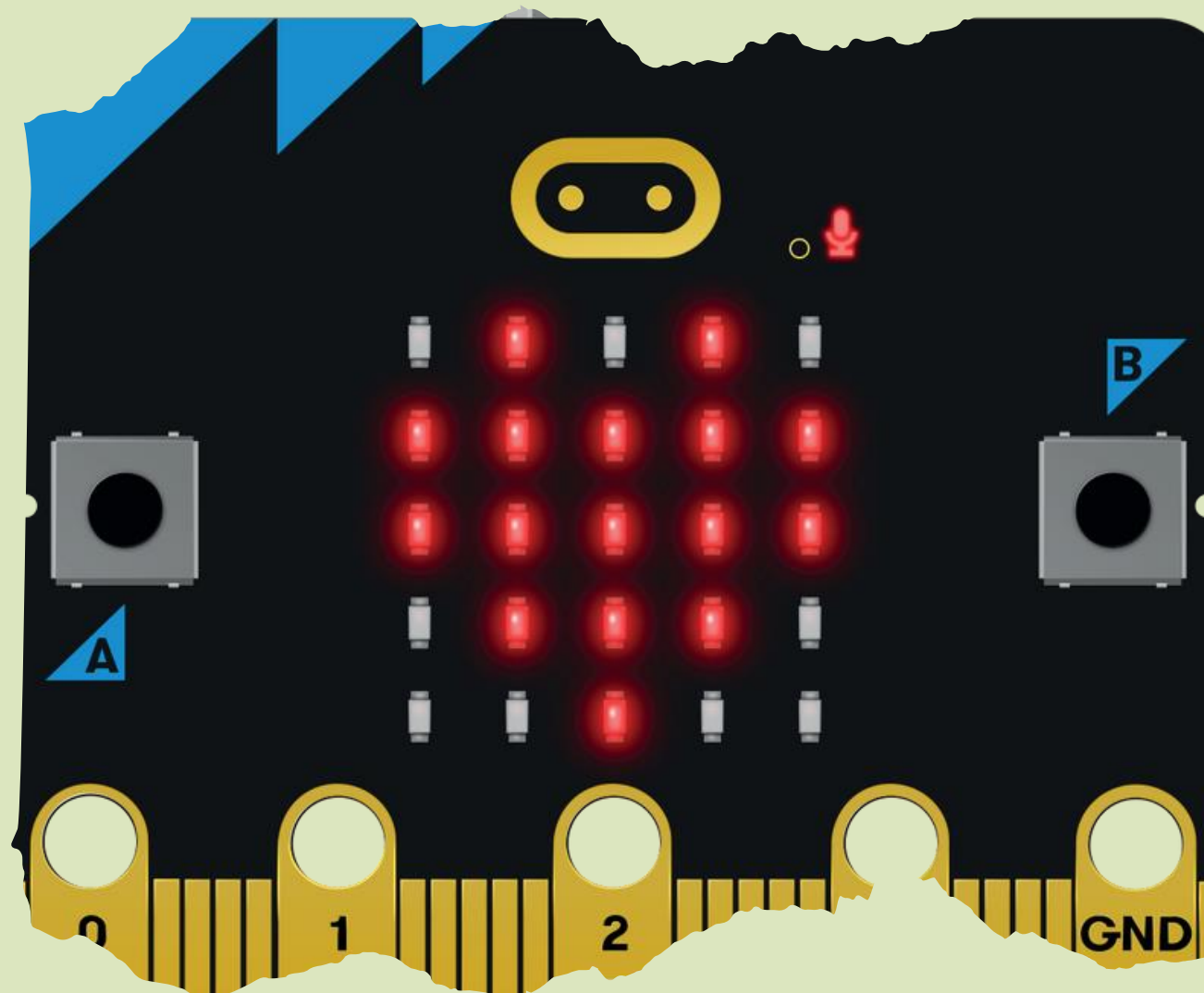
Usporedba temperatura postignutih u solranim kuhalima

Primjena Micro:bit-a u nastavi i
izvannastavnim aktivnostima
Tehničke kulture



Maris Miloš
OŠ Mladost, OŠ "Dominik Savio"

Solarno kuhalo



1

Rad predstavlja unaprijeđenje Solarnog kuhala, zadatka kojeg izrađuju učenici sedmih razreda na nastavi Tehničke kulture.

2

Ideja je na brz i zanimljiv način ustanoviti koje je solarno kuhalo bolje, odnosno u kojem će micro:bit zabilježiti veću temperaturu.



MLADOST

KLUB MLADIH TEHNIČARA

postavljanje radija i čitanje temperature

on start

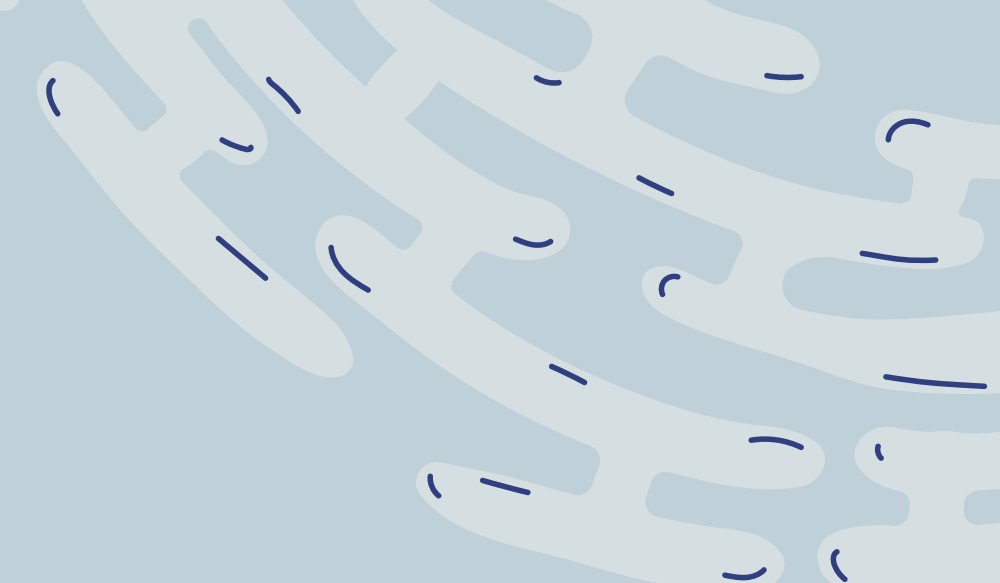
radio set group 12

show number temperature (°C)

show string " °C"

radio send number temperature (°C)

KOD



postavljanje radija i čitanje temperature

on start

radio set group 12

show number temperature (°C)

show string " °C"

radio send number temperature (°C)

KOD

radijska veza

on radio received receivedNumber

set T-radio to receivedNumber

postavljanje radija i čitanje temperature

on start

radio set group 12

show number temperature (°C)

show string " °C"

radio send number temperature (°C)

radijska veza

on radio received receivedNumber

set T-radio to receivedNumber

KOD

proces - petlja

every 1500 ms

show number temperature (°C)

show string " °C"

if T-radio < temperature (°C) then

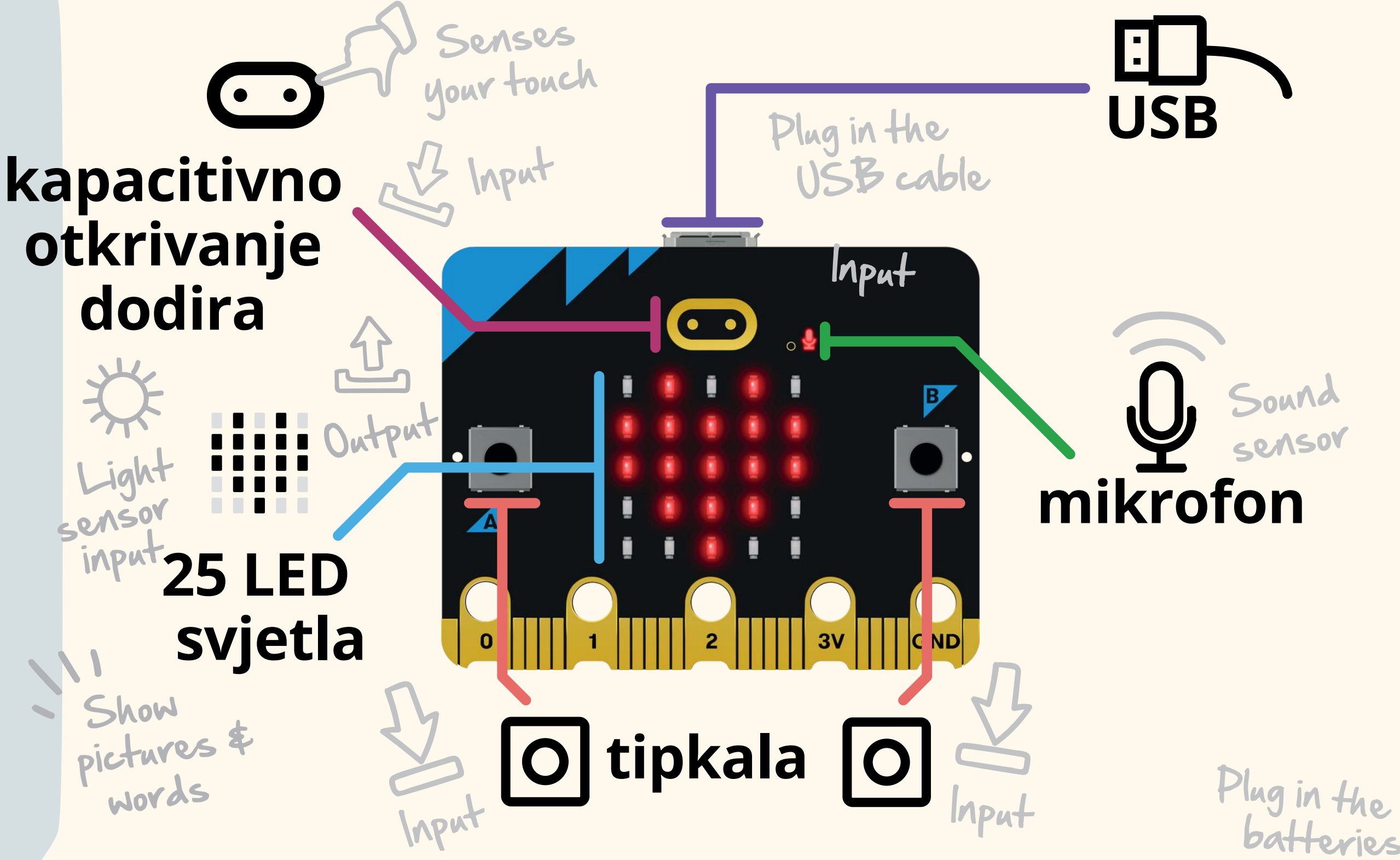
play melody dadadum until done

show icon

clear screen

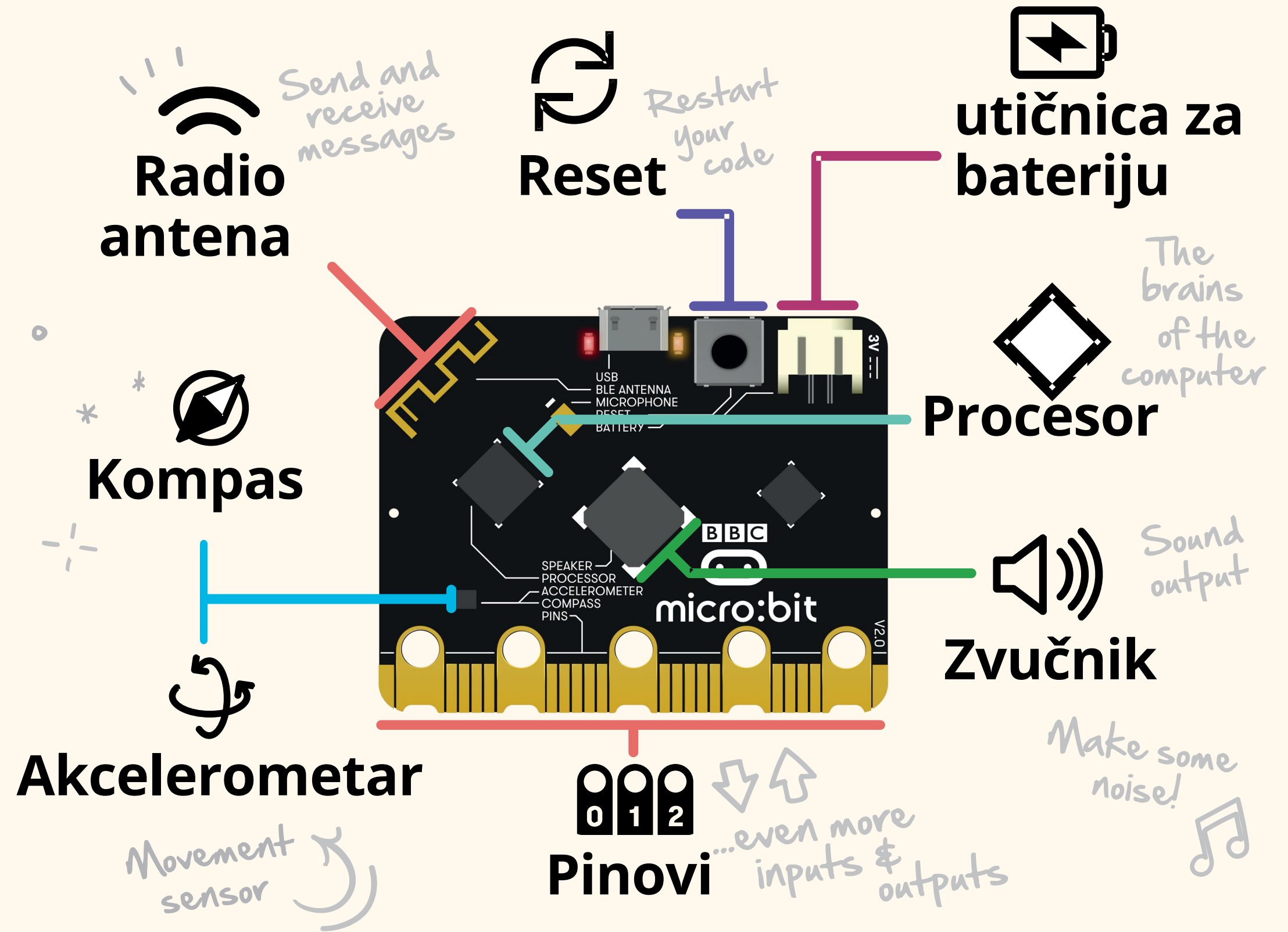
Micro:bit v2

micro:bit



Micro:bit v2

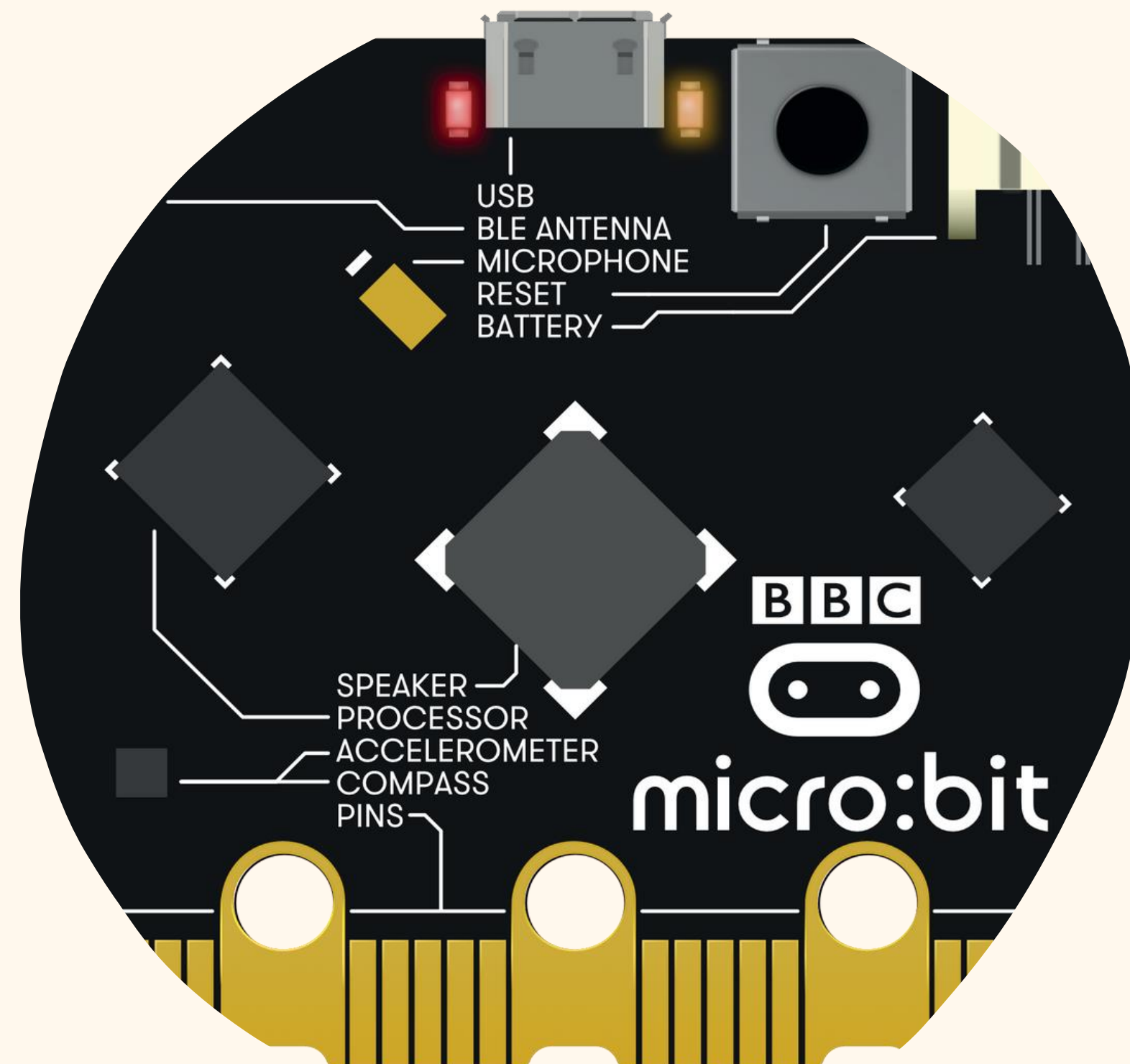
micro:bit



Revolucija digitalne pismenosti

započeo je u šk. god.
2023./24.

- traje 2 školske godine,
- donacija opreme koja se sastoji od 55 micro:bita V2,
- obveza pohadanja radionica (3 po godini).



Vizualna upozorenja

Upravljanje načinom rada svjetlećih dioda

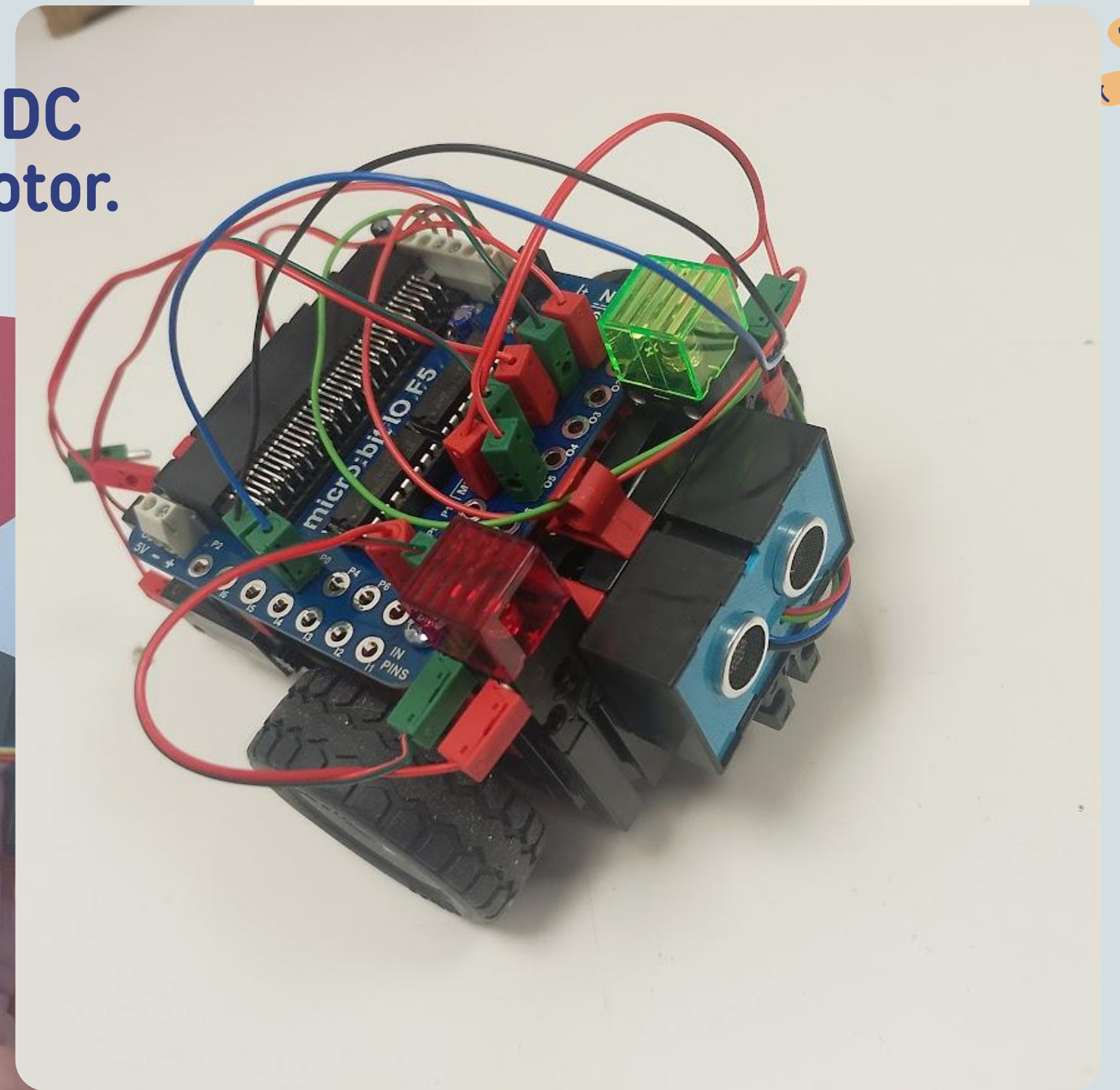
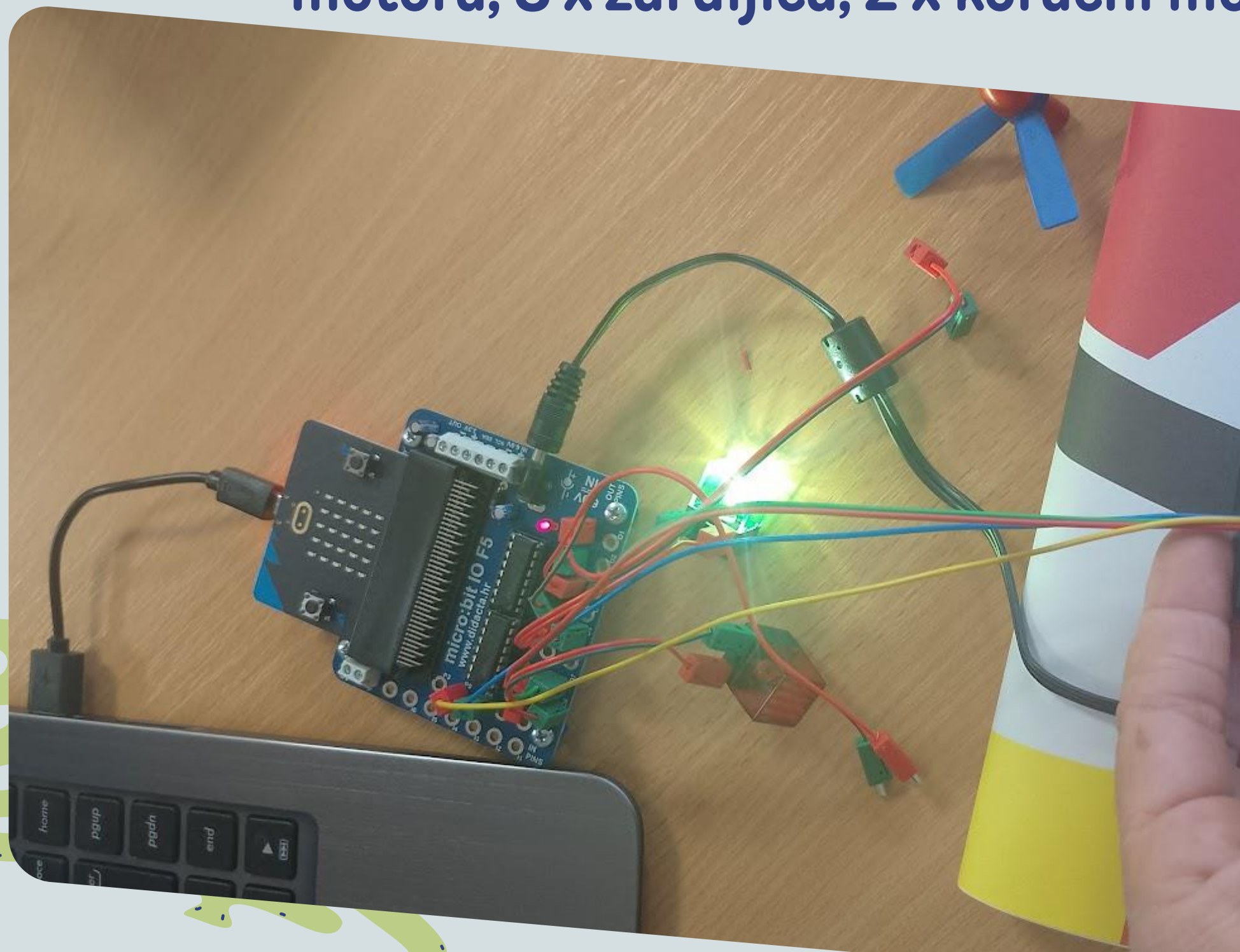
Primjer zadatka za županijski Robokup

Dodatak za eksperimentalnu pločicu



micro:bit: IO F5 sučelje

Izlazi za spajanje standardnih 4 x DC motora, 8 x žaruljica, 2 x koračni motor.



Hvala na pažnji!

Maris Miloš
OŠ Mladost, OŠ "Dominik Savio"

