AFTER SCHOOL CLUB

DO space

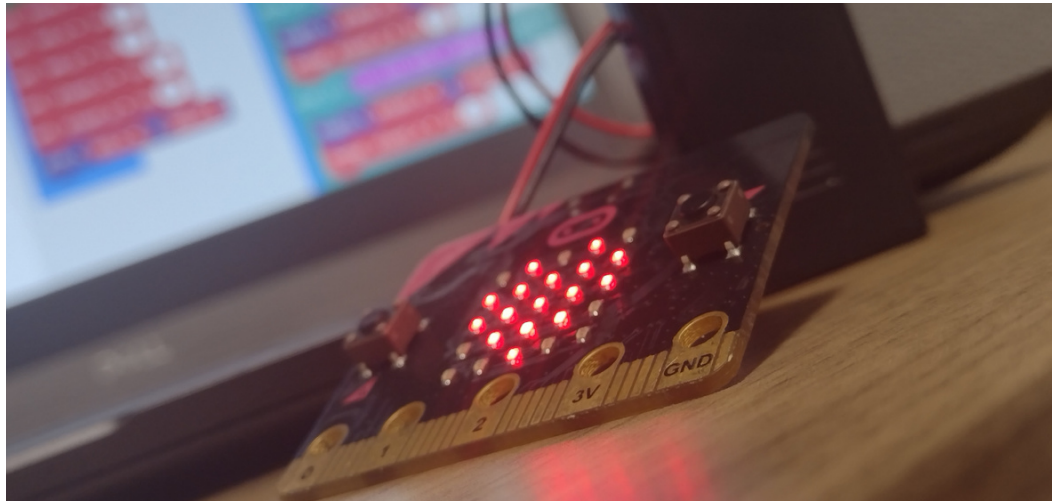## AGES 6-12 @ 5:00PM

KID CODERS - MICRO:BIT ANIMATIONS

Digital meets the physical! For this month of Kid Coders, we will be using micro:bit microcomputers to create simple animations on the micro:bit display. Join us as we utilize the easy-to-use micro:bit coding software to learn about basic coding concepts, and practice the joining of digital and a physical result!

WHAT WE'LL BE USING:

Laptops (Mac or PC)   Micro:bit Controllers
                            Micro:bit Coding Language

About the Micro:bit Educational Foundation:

"The micro:bit was originally created as part of the BBC's Make It Digital initiative, launched in 2014. 29 expert partners came on board, each contributing resources and expertise. From early 2016, up to 1 million micro:bits were distributed to schools, non-formal education settings, and libraries across the UK in a project led by BBC Education."

- (https://microbit.org/about/#top)

Subjects:

- Software to Hardware integration
- Logic Design

Standards:

- 1-PS4-4
- 3-PS2-2

  nextgenscience.org

Maker Capacities:

- Use Categories
- Juxtapose
- Prototype and Test

  agencybydesign.org

Key Terms

- Microcontroller
- Animation