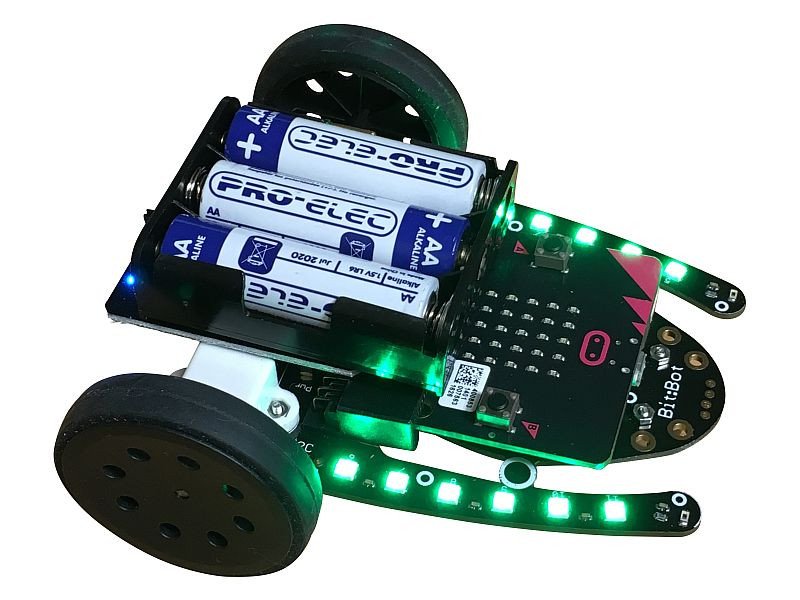
# Introduction to programming and robotics with Micro:bit



This is project suited for students with no or little programming experience. At the beginning of the project students will be introduced to the MicroPython, a lean and efficient implementation of the [Python 3](http://www.python.org/) programming language that includes a small subset of the Python standard library and is optimised to run on microcontrollers and in constrained environments. We will be using it to program Bit:Bot – a robotic car powered with micro:bit, an ARM-based embedded system board used in computer science education in UK.

Bit:Bot robotic car

Programming is a group activity so students will be split in groups to solve problems set up for them based on the skills they developed and their interest. Finally, students will present what they manage to make to each other in the duration of the project to each other in the internal showcase.