

A1.05.02.- Activity Card

Workshop Title	A1.05.02. Robot Programming
Level	A1
Duration	3 hours
Goals	Introduction to the EV3 program interface and learning about the robot motion blocks.
Workshop Outputs	1- Learning the EV3 software to program the robot. 2- Learning the robot motion blocks
Required Materials	1- Computer 2- Lego Mindstorms EV3 Robot Kit
Description of Activity	The interface of the EV3 software, where the assembled robot will be programmed, is introduced, and all the blocks are explained. Various applications for robot movement are created using the move steering and move tank blocks in the action tab, and learning how to calculate the required distances is covered.
Additional Documents	A1.05.02.pdf