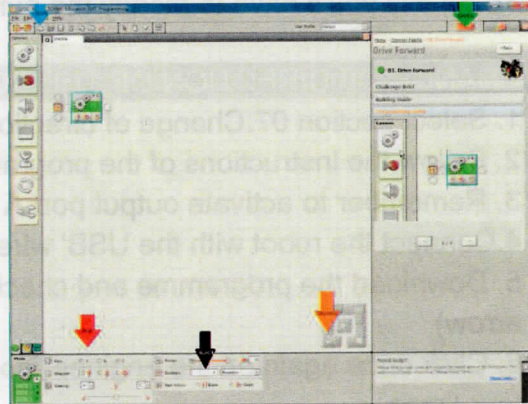# WORKSHOP: PLAYING WITH ROBOTS

ROBOT'S ADVANCE

1. Log into the tutorial. (Green arrow)
2. Select section 03. Advance
3. Log into the presentation with the exercise.
4. Log into the programme guide.
5. Open a new programme with the icon next to **"Open file."** (Blue arrow)
6. Do the exercise.
7. Modify the output ports in order to activate A and C. B must be inactivate. (Red arrow)
8. Connect the robot with the USB cable.
9. Download the programme and check if the robot follows your instructions. (Orange arrow)
10. Click once again on the **engines'** icon and modify it so that wheels turn around four times.
   To do **this you'll** have to modify the number of rotations. (Black arrow)

ROBOT'S RECOIL

1. Select section 04.Backward movement.
2. Follow the instructions of the programme guide in order to do the exercise.
3. Modify the output ports in order to activate A and C. B must be inactivate. (Red arrow)
4. Connect the robot with the USB cable.
5. Download the programme and check if the robot follows your instructions. (Orange arrow)
6. Click once again **on the engines' icon and** modify it so that wheels turn around four times.
To do this you'll have to modify the number of rotations (Black arrow)

ROBOT'S SPIN

1. Selection section 06.Spin.
2. To do the exercise follow the instructions of the programme guide.
3. Remember to activate output port A and C. B must be inactive. (Red arrow)
4. Connect the robot with the USB cable.
5. Download the programme and check if the robot follows your instructions. (Orange arrow)

6. Click once again on the engines' icon and modify it so that wheels turn around four times.

To do this you'll have to modify the number of rotations (Black arrow)

CHANGE OF DIRECTION OF THE ROBOT

1. Select section 07.Change of direction.
2. Follow the instructions of the programme guide in order to do the exercise.
3. Remember to activate output port A and C. B must be inactive (Red arrow)
4.Connect the robot with the USB' wire.
5. Download the programme and check if the robot follows your instructions. (Orange arrow)
6. Click once again on the engines' icon and modify it so that wheels turn around four times.

To do this you'll have to modify the number of rotations (Black arrow)

CHALLENGE

Make the robot go around a box.