

Part of the InnovatED STEM and DroneBlocks Land, Air, and Sea Robotics Curriculum Licensed for educational use in schools only. Redistribution, commercial use, or resale is strictly prohibited. © 2025 InnovatED STEM & DroneBlocks. All rights reserved.

Move it in a Circle Challenge

For this challenge you need to program your robot to move in a circle of radius 50 centimeters or 0.5 meters.

Start your nodes using the code below

```
In [ ]: # This part allows VScode to communicate with the robot  
# This imports the required libraries and then creates a node for our robot  
import sys  
import os  
import time  
  
# Add parent directory to the Python path  
sys.path.insert(0, os.path.abspath('.'))  
  
import rclpy  
from controllers.omni_robot_controller import OmniWheelControlNode # Import  
  
# Initialize ROS2 node  
rclpy.init()  
node = OmniWheelControlNode()
```

Insert your code below

```
In [ ]: # Insert your code here
```

Remember to shut down your node

```
In [ ]: node.destroy_node()  
rclpy.shutdown()
```