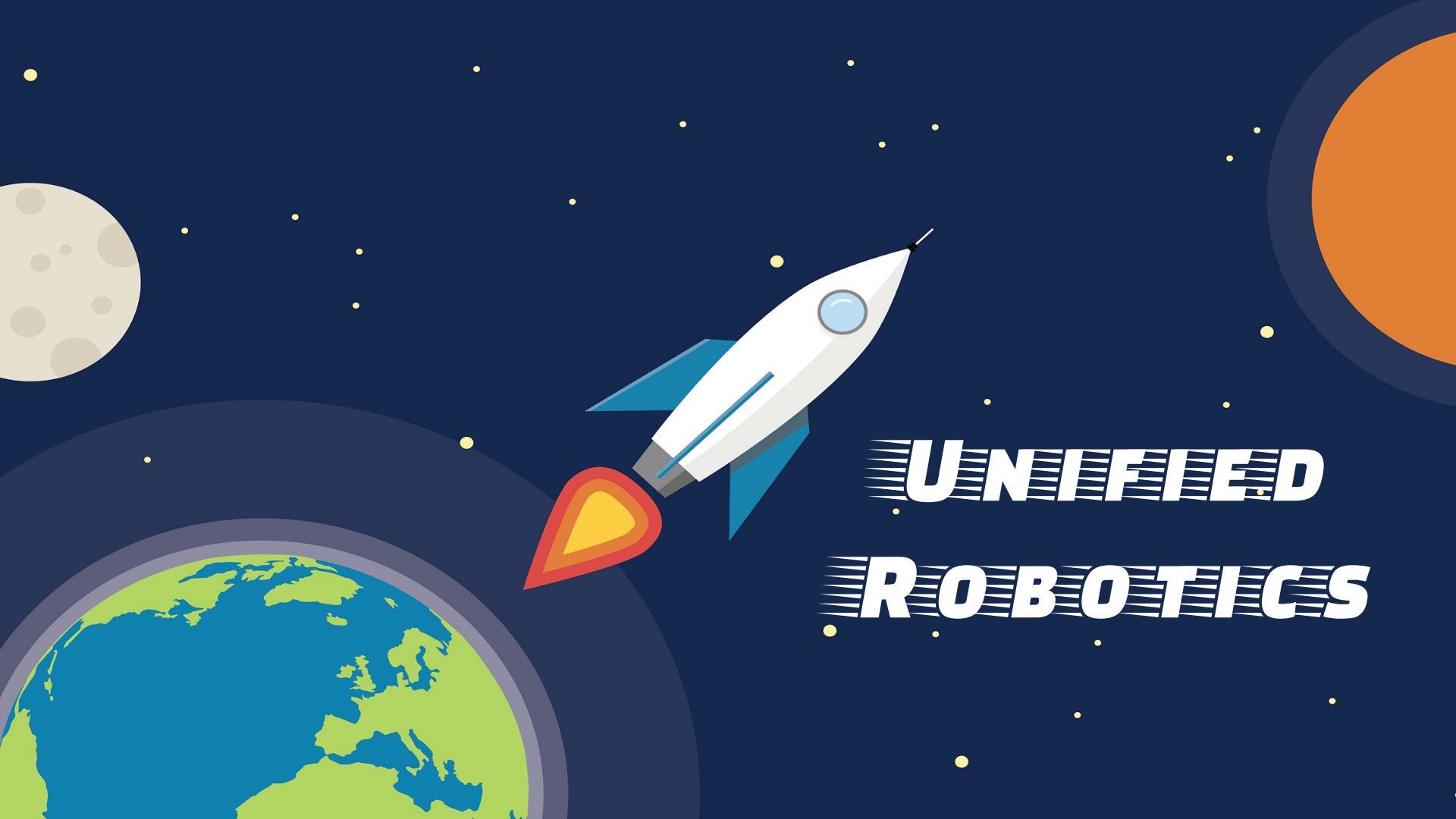
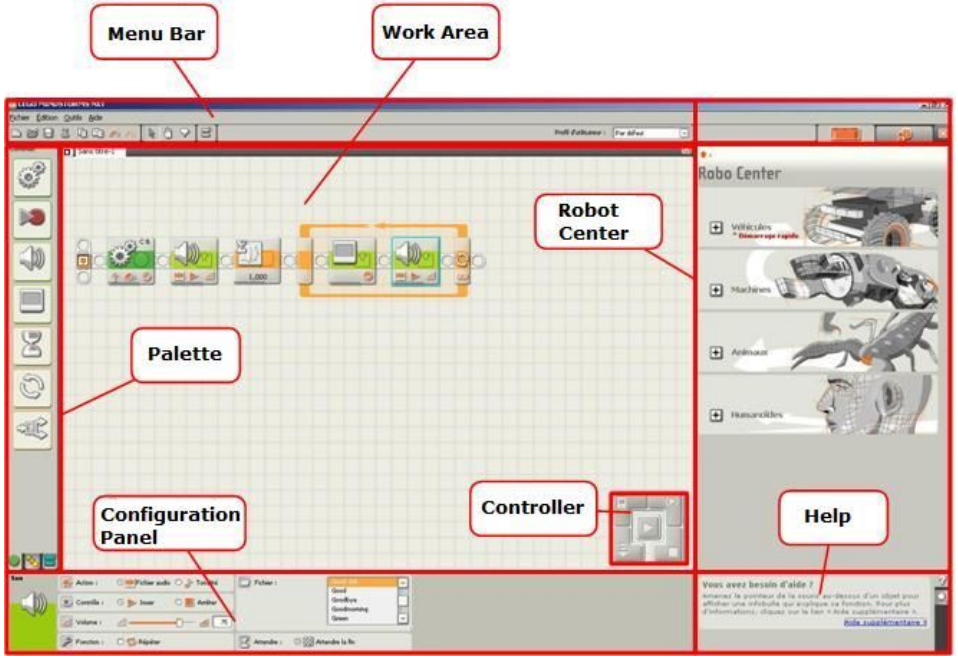

Unified
Robotics

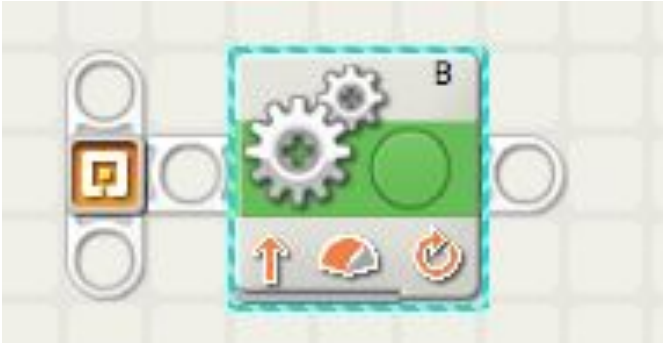
NXT Mindstorms

- Move Blocks
- Loops
- Wait Blocks
- Switches



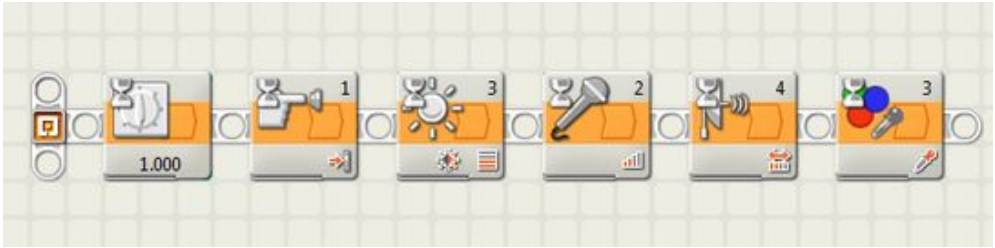
Move Block

- Port
  - Which letter is the wire plugged into?
- Direction
  - Which way do you want your robot to go?
- Steering
  - Should the robot turn?
- Power
  - How fast do you want your robot to go?
- Duration
  - For how long will your robot drive?



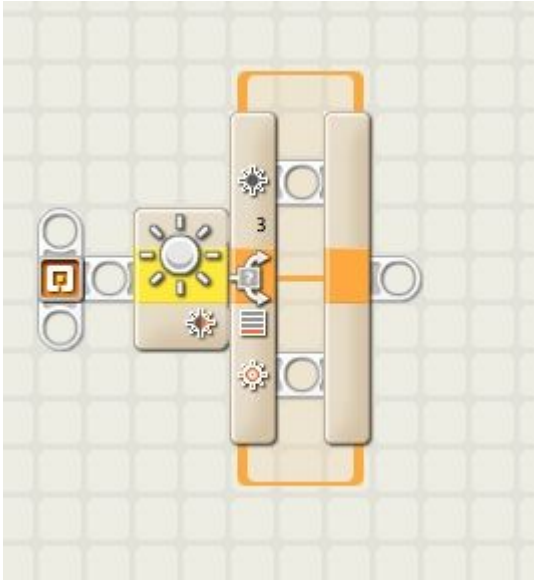
Wait Block

- Control
  - Time
    - How long will your robot wait?
  - Sensor
    - Touch
    - Ultra-sonic
    - Light



Loops

- Control
  - Forever
  - Sensor
  - Time
  - Counter

Switches

- Structure
  - Under what conditions do you want your robot to perform a task?
- Sensor
  - Light
  - Ultra-sonic
  - Touch