

MC4.0 BASE KIT



 **7-15 Years +**
Age

 **Primary/Middle**
Grade

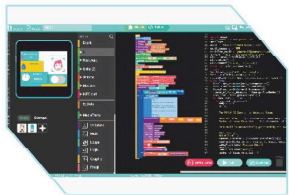
Integrated Learning Experience

With the Base Kit, students can dive into hands-on learning using **ultrasonic sensors** and **encoder motors** paired with **mecanum wheels**. This setup offers real-time feedback and precise control, enabling students to explore robotics concepts, from basic movements to complex navigation and control systems.



Programming for Every Student

With support for both block-based programming and Python, the Base Kit caters to various learning stages. This flexibility ensures that students can start with simple tasks and progress to more complex programming concepts easily.



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BASEKIT



Touch Screen Interface

Experience a revolution with our **drag-and-drop programming** on a touchscreen controller. This innovative feature transforms complex coding into an intuitive process, similar to the shift from traditional phones to modern touchscreens.



Create and Innovate

Empower your students to design custom smartphone apps that interact with their robots through **Remote+**. This feature provides an easy way to create user interfaces that can control the robot's inputs and outputs, enhancing their understanding of IoT applications.

MC4.0 BASE KIT

What's Included?

-  Kit Bag
-  MC4.0 Controller
-  DC encoder drive module
-  Battery Module (Stack on the controller)
-  Chassis
-  Fixture add-on
-  4x DC Encoder Motors
-  4x Mecanum Wheel
-  Line Follower Sensor
-  Ultrasonic Sensor
-  Screwdriver
-  4x Motor shaft coupler
-  4x Brass Stud M4*40
-  6x Screw M3x30
-  10x Screw M3x25
-  2x Screw M4x10
-  8x Nut M3
-  4x DC encoder motor
-  cables



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