

Ciencia



S

Science

Tecnología



T

Technology

Ingeniería



E

Engineering

Arte



A

Art

Matemáticas



M

Mathematics

PRIMER CICLO



ACTIVIDADES COMPLEMENTARIAS

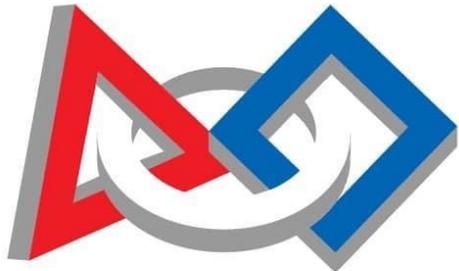
- Construcción Lego
- Vinculación con ABP
- Conceptos de lateralidad



SEGUNDO
CICLO



LEGO SPIKE ESSENTIAL

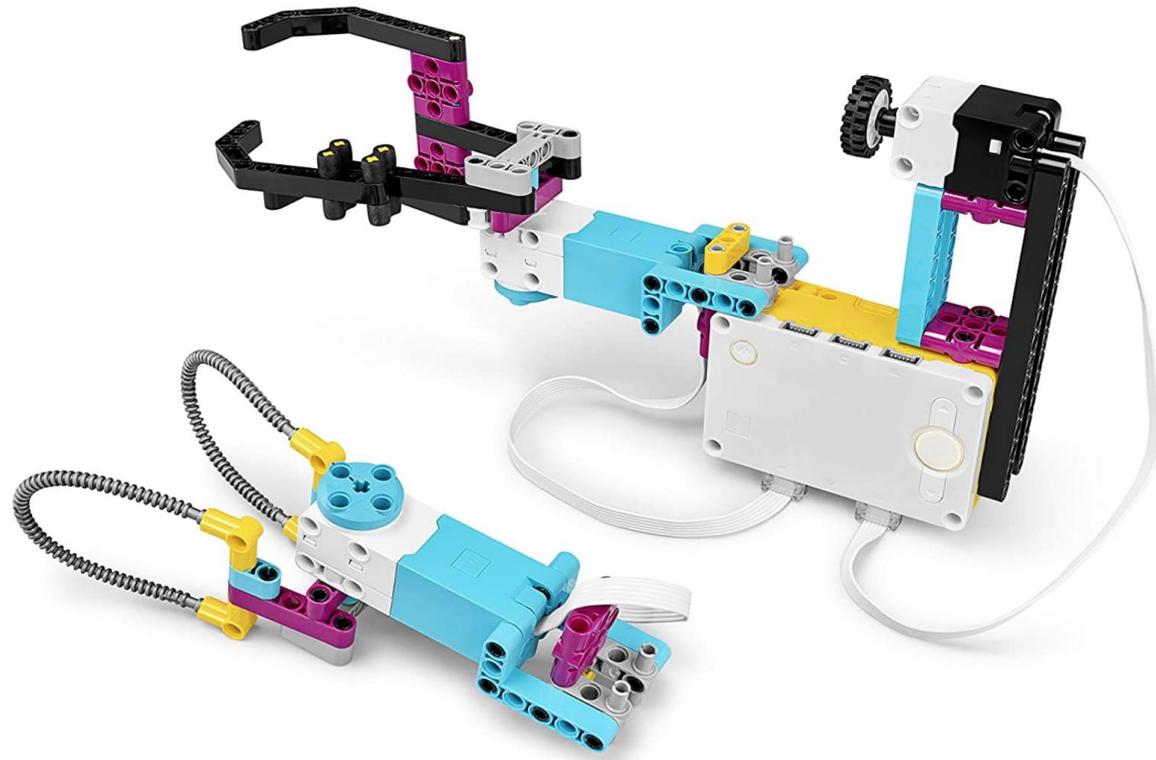


**FIRST[®]
LEGO[®]
LEAGUE**

EXPLORE



TERCER
CICLO



LEGO SPIKE PRIME



**FIRST
LEGO
LEAGUE**

CHALLENGE



mBot2

Powerful control
with CyberPi



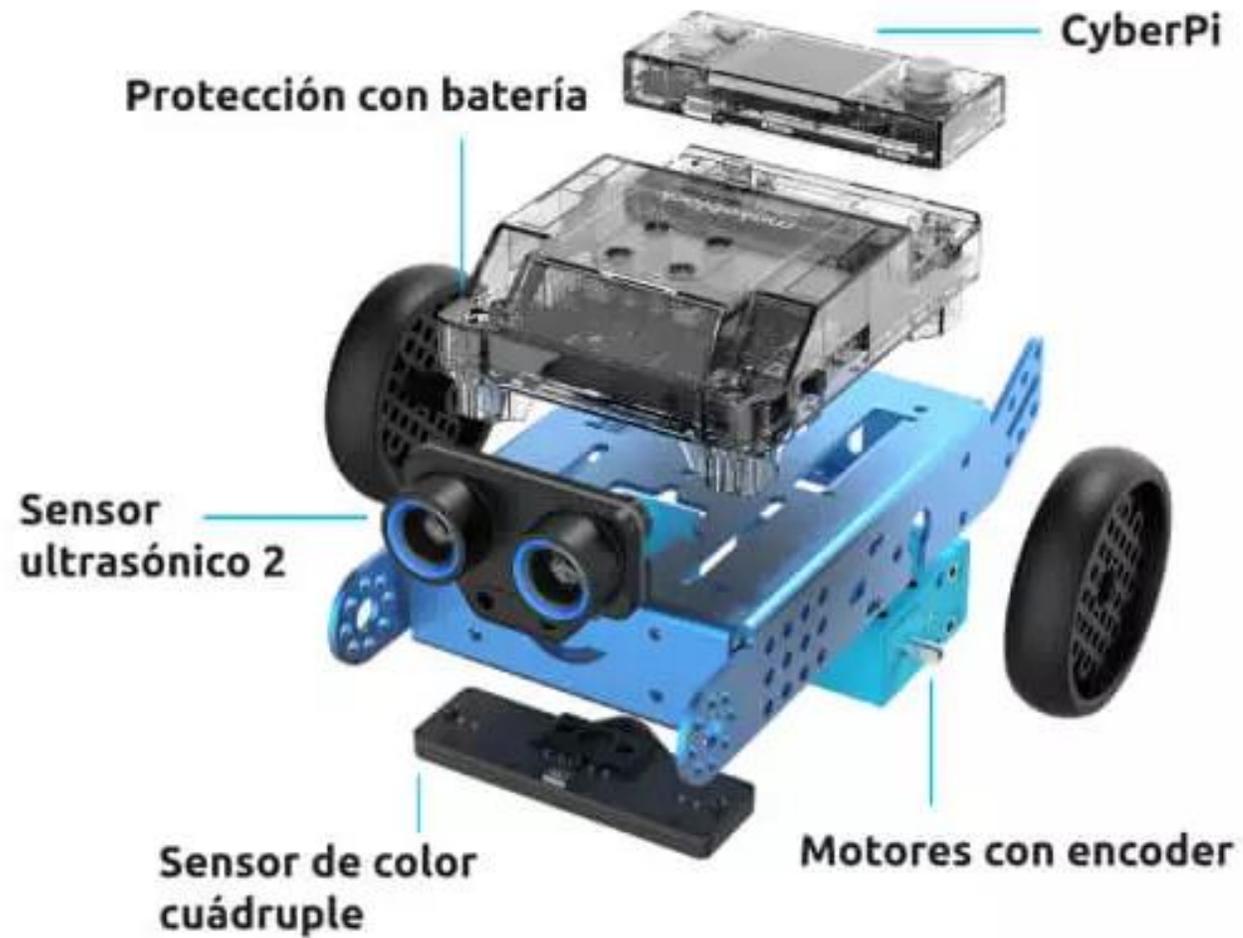
educator's
choice



student
safe



AVANZAMOS EN PROGRAMACIÓN



PARTES DEL ROBOT

PROGRAMAMOS

The image shows a Scratch script for a robot's movement sequence. The script is as follows:

- force rendering
- espera 0.2 segundos
- oculta sprite flecha
- force rendering
- when joystick middle pressed
- play recording
- ultrasonic 2 1 sets ambient light todos brightness to 100 %
- quad rgb sensor 1 sets fill light color of line-following to azul
- borra la pantalla
- fija puntero a 1
- repite longitud de Secuencia
- si elemento puntero de Secuencia = 1 entonces
 - moves forward 20 cm until done
- si elemento puntero de Secuencia = 2 entonces
 - turns right 90 ° until done
- si elemento puntero de Secuencia = 3 entonces
 - moves backward 20 cm until done
- si elemento puntero de Secuencia = 4 entonces
 - turns left 90 ° until done

The interface also shows a library of blocks on the left, including Audio, LED, Pantalla, Motion Sensing, Sensores, LAN, AI, IoT, Eventos, Control, Operación, Variables, and Mis bloques. The top bar includes options for Archivo, Editar, Sin título, Guardar, and Publicar.