ROBOTICS & CODING

K8 ROBOTICS KIT

micro:bit powered modular robotics kit

$59.99 without micro:bit
$84.99 with micro:bit

ABOUT K8 ROBOTICS KIT

The k8 robot is a modular kit that uses the micro:bit* to introduce students to coding and robotics. From block-based coding to JavaScript, k8 is a learner's best friend for building coding, problem solving, and critical thinking skills.

With k8 and a micro:bit, learners can program the robot to drive, remote control, line follow and more!

A micro:bit* is required to use k8.

PARTS INCLUDED

- 1 x k8 Circuit Board
- 1 x Battery Box
- 4 x Plastic Body Parts
- 2 x Tire Wheels
- 2 x DC Motors
- 1 x Servo Motor
- 1 x Ultrasonic Sensor
- 1 x Infrared Sensor
- Free Access to 8+ interactive online coding courses and instructional videos

FEATURES

- k8 is fun and easy to build! Follow along with our step-by-step tutorials to assemble your k8 robot from the ground up.
- With the micro:bit* and MakeCode, learners can start with block-based coding and work their way up to JavaScript.
- k8's edge connector makes it easy for 3 or 4 students to share one robot, taking turns to iterate their code and easily swap their micro:bit* into the connector.

*micro:bit not included. Sold separately at InkSmith

TECHNICAL SPECIFICATIONS

POWERED BY
MICRO:BIT*

CODING PLATFORM
MICROSOFT MAKECODE

GRADES
3-8

CODING LANGUAGES
BLOCK-BASED / JAVASCRIPT

BATTERIES
4 x 'AA' (Required - not included)

EDUCATOR TRAINING PACKAGES AVAILABLE

ONLINE LESSON CONTENT

CANADIAN TECH SUPPORT

GET IN TOUCH

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