

ROBOTICS & CODING

CLIMATE ACTION KIT

LAND + ENERGY

micro:bit powered inventor's kit

\$74.99 without micro:bit
\$94.99 with micro:bit



ABOUT THE CLIMATE ACTION KIT

This new Climate Action Kit combines all the robotics parts and coding projects from the previous **Land & Energy** editions into one universal kit!

The Climate Action Kit will empower students to tackle climate change issues through the lens of the United Nations' Sustainable Development goals. With the kit, students will work through a variety online curriculum, including project-based challenges that will prompt them to design and prototype solutions using a micro:bit*.

FEATURES

- Includes online access to 6 comprehensive curriculum lesson plans with classroom-ready slide decks.
- Each Climate Action Kit project has been constructed to align with the United Nations Sustainable Development Goals.
- Each kit comes with all the robotic parts needed to complete each of the climate action projects (micro:bit and additional prototyping materials not included).
- Robotic parts are designed to be disassembled and reused for other projects.

**micro:bit sold separately.*

GET IN TOUCH

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TECHNICAL SPECIFICATIONS

POWERED BY
MICRO:BIT*

GRADES
2-12

CURRICULUM
INCLUDED ONLINE

AVAILABLE LANGUAGES
ENGLISH, FRENCH

PROJECTS

- Plants & Pollinators (Automated Bee Counter)
- Advanced Agriculture (Automated Hydroponic System)
- Deforestation (Automated Tree Seeder)
- Wind Energy (Wind Turbine)
- Solar Energy (Simulated Solar Array)
- Electric Vehicles Energy Systems (Electric Vehicle)

RECOMMENDED
INDIVIDUAL OR
3/4 STUDENTS PER KIT

CODING PLATFORM
MICROSOFT MAKECODE

CODING LANGUAGES
BLOCK-BASED / JAVASCRIPT



EDUCATOR TRAINING
PACKAGES AVAILABLE



ONLINE LESSON
CONTENT



CANADIAN TECH
SUPPORT

INKSMITH

Combined Climate Action Kit - One Pager - 2022.11.30