ROBOTICS & CODING

LAND CLIMATE ACTION KIT

micro:bit powered inventor's kit

$44.99

ABOUT THE LAND CLIMATE ACTION KIT

The InkSmith Land 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 3 comprehensive curriculum lesson plans with classroom-ready presentation materials.
- Each Climate Action Kit project has been constructed to align with the United Nations Sustainable Development Goals.
- 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 not included. Sold separately at InkSmith

TECHNICAL SPECIFICATIONS

POWERED BY
MICRO:BIT*

GRADES
4-12

CURRICULUM
INCLUDED ONLINE

RECOMMENDED
INDIVIDUAL OR
3/4 STUDENTS PER KIT

CODING PLATFORM
MICROSOFT MAKECODE

CODING LANGUAGES
BLOCK-BASED / JAVASCRIPT

PROJECTS
- Plants & Pollinators (Automated Bee Counter)
- Advanced Agriculture (Automated Hydroponic System)
- Deforestation (Automated Tree Seeder)

PROJECT EXAMPLES

HYDROPONIC SYSTEM
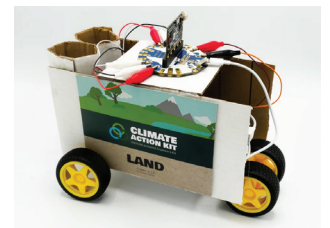
TREE SEEDER

EDUCATOR TRAINING
PACKAGES AVAILABLE

ONLINE LESSON
CONTENT

CANADIAN TECH
SUPPORT

GET IN TOUCH

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