

ROBOTICS & CODING

ENERGY CLIMATE ACTION KIT

micro:bit powered inventor's kit

\$44.99



ABOUT THE ENERGY CLIMATE ACTION KIT

The InkSmith Energy 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

GET IN TOUCH

180 St. Leger Street,
Kitchener, Ontario
N2H 4M5

1-844-465-7684
sales@inksmith.ca
www.inksmith.ca

TECHNICAL SPECIFICATIONS

POWERED BY
MICRO:BIT*

RECOMMENDED
INDIVIDUAL OR
3/4 STUDENTS PER KIT

GRADES
4-12

CODING PLATFORM
MICROSOFT MAKECODE

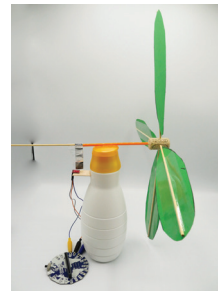
CURRICULUM
INCLUDED ONLINE

CODING LANGUAGES
BLOCK-BASED / JAVASCRIPT

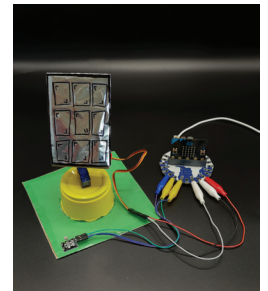
PROJECTS

- Wind Energy (Wind Turbine)
- Solar Energy (Simulated Solar Array)
- Electric Vehicles Energy Systems (Electric Vehicle)

PROJECT EXAMPLES



WIND TURBINE



SOLAR ARRAY



EDUCATOR TRAINING
PACKAGES AVAILABLE



ONLINE LESSON
CONTENT



CANADIAN TECH
SUPPORT

INKSMITH

Land Climate Action Kit - One Pager - 2022.09.07