

ROBOTICS & CODING

ENERGY EXPANSION PACK

Designed to be combined with the Land Climate Action Kit

\$29.99



ABOUT THE ENERGY EXPANSION PACK

The Energy Expansion Pack is designed to transform your existing Land Climate Action Kit into the Energy Kit, allowing you to complete 3 new sustainable energy-themed project modules.

WHAT'S INCLUDED

- 1x Sonar Sensor
- 1x DC Fan & Motor
- 1x Photoresistor
- 2x Wheels
- 1x Touch Sensor
- 10x Alligator Clips

FEATURES

- Includes online access to 3 comprehensive curriculum lesson plans with classroom-ready presentation materials.
- Constructed to align with the United Nations Sustainable Development Goals.
- Expansion pack includes all the robotic parts needed to complete each of the Energy climate action projects (micro:bit and additional building materials not included).
- Robotic parts are designed to be disassembled and reused for other projects.

**micro:bit sold separately.*

The Energy Expansion Pack is designed to be combined with an existing Land Climate Action Kit and cannot be used on it's own.

GET IN TOUCH

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TECHNICAL SPECIFICATIONS

POWERED BY
MICRO:BIT*

RECOMMENDED
INDIVIDUAL OR
3/4 STUDENTS PER KIT

GRADES
4-12

CODING PLATFORM
MICROSOFT MAKECODE

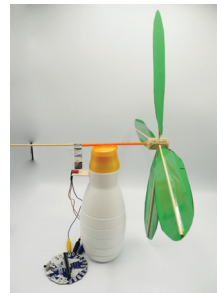
CURRICULUM
INCLUDED ONLINE

CODING LANGUAGES
BLOCK-BASED / JAVASCRIPT

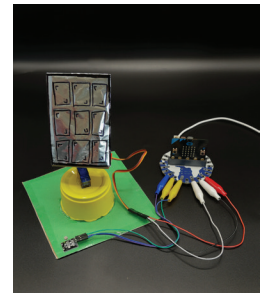
PROJECTS

- 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



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