

MAKEY MAKEY STEM PACK

CLASSROOM INVENTION LITERACY KIT

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IN-BOX

- 12 x Makekey Makekey (assembled circuit board)
- 12 x USB cable (Mini-B to USB Type-A)
- 147 x alligator clips (double-headed, 18 in cords)
- 12 x extra-long alligator clips (double-headed, 6 ft cords)
- 144 ruggedized connector wires (for the back headers)
- 12 x extra-long connector (jumper) wires
- 12 x Instruction sheet with Visual Project Start Guide (linked to online documentation)
- 12 Makekey Makekey-optimized conductive graphite (6B) pencils
- 1 x Printed Educator's Guide

INPUTS FRONT (each PCB)

- 6 resistive touch pad / alligator clip-thru connectors (default mapped to arrow keys, space bar, and mouse click; can be reassigned)
- 1 resistive touch pad with 5 alligator clip-thru connectors to earth (ground)

INPUTS/OUTPUTS BACK (each PCB)

- 6-pin key input header (mapped to W, A, S, D, F, G keys)
- 6-pin mouse click/scroll input header (mapped to up, down, left, right, right-click, left-click)
- 5 pin expansion/output header (key press, mouse click/scroll, 2 x GND, 5V)

POWER

- USB 5V DC
- Mini-B USB jack on-board (No external power necessary if connected by USB to computer)

SENSOR

- Resistive

WEIGHT & DIMENSIONS

- PCB:
3.69 in x 1.9 in (9.37 cm x 4.8 cm)
- STEM Pack Case:
7.8 lbs (3.54 kg)
20.3 in x 13.8 in x 2.5 in
(51.56cm x 35.05 cm x 6.35 cm)

COMPATIBILITY

- Windows
- Mac OS (MacBook laptops, Apple iMac desktop PCs)
- iPads and iPhones running iOS 13.0+ (with a USB-to-Lightning adaptor)
- Chromebooks
- Many flavors of Linux (Ubuntu, etc.)

