

littleBits™ education

CODE KIT



**BUILD GAMES.
LEARN TO CODE.**

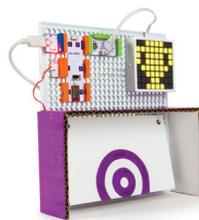


1-3 STUDENTS
GRADES 3-8



TUG OF WAR

Students learn about functions with this 2-player game.



ULTIMATE SHOOTOUT

Score mega points with this fun way to teach variables in code.



HOT POTATO... OF DOOM!

The whole class can play as they learn programming logic.



ROCKSTAR GUITAR

Create a classroom band as you teach the concept of loops.

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BUILD GAMES. LEARN TO CODE. Finally! An intro to coding in the classroom that engages students through an activity they love: making and playing games. As a bonus, it's easy to teach - even with no prior STEM/STEAM experience. The littleBits Code Kit combines electronic building blocks with approachable drag-and-drop block-based programming, providing a foundation of coding as a creative tool that can power real-world inventions.

4+ INVENTIONS Comes with everything students need to build & code 4 fun games, then get creative and invent their own!

1 RESOURCE-RICH CODING APP The computer-based littleBits Code Kit app provides step-by-step instructions, video tutorials, and more.

100+ ACTIVITIES & 10 LESSONS Cross-curricular activities fit into any classroom, library, or makerspace.

ALIGNS TO STANDARDS Learning objectives in lessons tie to NGSS & Computer Science standards.

16 BITS

- USB power
- slide dimmer
- pressure sensor
- wire (×3)
- codeBit
- servo
- LED matrix

- button (×2)
- dimmer
- sound trigger
- branch
- bargraph
- speaker

MATERIALS & ACCESSORIES

- USB power adapter & cable
- rechargeable battery
- servo mount
- hook & loop shoes (×12)
- mounting board (8"×7")
- support materials to get started
- powerSnap (×3)
- mechanical arm
- codeBit dongle
- hook & loop strips (×2)
- littleBits Code Kit app

SKU 680-0010
SHIPPING JUNE 2017