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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CODE KIT

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	button (×2)
slide dimmer	dimmer
pressure sensor	sound trigger
wire (×3)	branch
codeBit	bargraph
servo	speaker
LED matrix	

MATERIALS & ACCESSORIES

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

SKU 680-0010
SHIPPING JUNE 2017