

# littleBits™ education

## CODE KIT



**BUILD GAMES.  
LEARN TO CODE.**





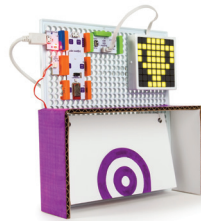
1-3 STUDENTS

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.

**littleBits™** education

## 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  
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

**SUGGESTED RETAIL PRICE** \$299.95 MSRP

**SHIPPING** JUNE 2017

## GET STARTED

Our dedicated education specialists are ready to help you tailor a program to your needs.

**educationsales@littleBits.cc** or call +1 (888) 552-0433