



# STEAM+ CODING CLASS PACK

The ultimate classroom solution.

Bring STEAM and coding to your classroom with the ultimate learning toolkit. The littleBits STEAM+ Coding Class Pack contains 250 Bits, 10 newly designed durable storage containers, printed teacher support materials and 40+ hours of standards-aligned STEAM and coding curriculum to engage the entire class. Compatible with the Fuse app, students can program littleBits inventions and simulate circuits to level up the learning experience.



## KEY FEATURES & BENEFITS



### Bits & Accessories

Engage up to 40 students with 250 Bits and 340 accessories to make building your inventions even easier.



### Coding Capabilities

Compatible with the littleBits Fuse app, students of all coding abilities can program the codeBit through blocks or Java-Script text and level up their inventions.



### Storage Solutions

STEAM+ Coding comes with 10 storage cases for easy classroom and group distribution. Each group can work from their own box of Bits that is designed to protect and organize your solution.



### Support Tools

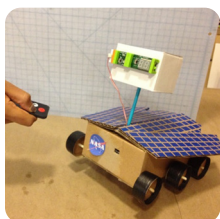
STEAM+ Coding includes 1 STEAM Teacher's Guide, 10 Invention Guides, 10 Invention logs, and 1 Code Bit Index to help implement littleBits into your classroom.

## ACTIVITIES & INVENTIONS



### Invent a Self Driving Vehicle

Students will use the littleBits Invention Cycle, and an understanding of the basics of circuitry and motion, to construct an autonomous two-wheeled car.



### Space Communication

Build a space communicator that represents the way astronauts communicate with mission control from space, using inputs and outputs to change sound waves into light waves!



### Logic

Use conditional logic to program rules into games. The Logic lesson teaches students to use conditional statements to program rules and choices into their games.

## TECH SPECS

- 250 Bits
  - 10 sets of STEAM Student Set Bits
  - 10 sets with coding capabilities
- Printed support resources (for students and teacher)
  - 1 STEAM+ Coding Teacher's Guide
  - 10 STEAM+ Coding Invention Guides
  - 10 STEAM+ Coding Invention Logs
- 10 newly designed durable storage containers
- 340 Accessories

## FUSE APP



While the STEAM+ Coding Class Pack core curriculum is device free, you can take learning further with the new littleBits Fuse app. Students can create virtual circuits in their own workspace and learn how littleBits' snap together to ensure their Bits are compatible and their inventions can come to life. Device must have bluetooth capability to download code from the Fuse app to the codeBit.