

## STEAM STUDENT SET CLASS PACK

Transform Students into Inventors.

A powerful learning toolbox designed to teach STEAM principles and encourage exploration, experimentation, and creativity through hands-on learning. This collection of 10 STEAM Student Sets makes the engineering design process fun and iterative for students while giving you everything you need to easily implement 20+ hours of standards-aligned curriculum in the classroom.



### KEY FEATURES & BENEFITS



#### Bits & Accessories

Engage up to 30 students with 190 Bits and 460 accessories to make building your invention even easier.



#### Unplugged Activities

Run 20+ hours of unplugged, cross-curricular and standards-aligned lessons on littleBits Classroom, along with open and guided STEAM challenges that foster creative problem solving-skills and encourage self-expression and reflection.



#### Storage Solutions

Newly designed durable storage containers allow for easy organization and clean up.



#### Support Tools

The STEAM Student Set Class Pack includes printed materials for instructional support and classroom implementation, as well as an Invention Guide containing Bit tips and 8 step-by-step challenges to get started.

### ACTIVITIES & INVENTIONS



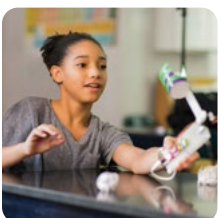
#### Doodle Wizard

Make a doodle bot made with DC motors, and a pulse that dances, wiggles, and draws up a storm.



#### Circuit Car

Build a circuit cruiser, a vehicle that gets around with 2 DC motors. Use it to deliver school supplies to your friends, help your teacher pass out papers, or wake up your sleeping classmate.



#### Launcher

Build a launcher that flings projectiles with a servo at the press of a button. Set up a tower of cups and try to knock them over. Then modify your launcher to make it even more accurate, powerful, or speedy.

### TECH SPECS

- 190 Bits
- 10 newly designed durable storage containers
- 460 Accessories
- Printed support resources (for students and teacher)
  - 1 STEAM Teacher's Guide
  - 10 STEAM Invention Guides
  - 10 STEAM Invention Logs

### LITTLEBITS CLASSROOM

[littleBits Classroom](#) is an online collection of STEAM and coding lessons and resources. It offers teachers an opportunity to easily source lesson plans and activities aligned to state and national standards to create an engaging experience for students.