

sphero®
littleBits®
STEAM+ CODING CLASS PACK
**EDUCATOR
QUICK-START
GUIDE**

If you're reading this, you know the secret to getting kids interested in STEM: Make. It. Fun! STEAM+ Coding Class Pack takes the magic of hands-on invention and combines it with the fun of learning a new language (Blocks and JavaScript) as kids work to create their own games. By gamifying the experience, students learn critical 21st century skills such as - how to embrace failure, critical thinking, problem solving, teamwork and collaboration.



MADE WITH EDUCATORS, FOR EDUCATORS.

For maximum success in schools, we called on expert educators to co-design this kit with us. The challenges, inventions, and support materials were developed based on their experiences with students in classroom and after-school activities.

1 GET THE APP
You can access the littleBits Fuse app in your web browser. You will need a bluetooth enabled computer to download code to your codeBit.

[SPHERO.COM/DOWNLOADS](https://sphero.com/downloads)

2 JUMP IN FEET FIRST
Whether it's your first time with code or you're already a pro, give your littleBits STEAM+ Coding Class Pack a test run. Try something out, iterate on it, then try it again. This is the number one way to help your students through any setbacks they'll have. Head to classroom.littlebits.com to get started.

3 EXPLORE YOUR RESOURCES
New to coding? First time with littleBits? Looking for lesson ideas? Hop online to discover your littleBits support system. We've got tutorials, intro to coding videos, tons of lessons, shareable online docs... you name it. We've got you covered.

[CLASSROOM.LITTLEBITS.COM](https://classroom.littlebits.com)

4 RUN YOUR FIRST LESSON
Your students will have fun, develop 21st century skills, and build a foundation for coding that they'll use their whole life. littleBits engages kids' curiosity as they collaborate, solve problems, and explore coding and inventing.

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BRING YOUR INVENTION TO LIFE THROUGH CODE!
With the Bits in this box and our easy drag-and-drop block programming, your inventions will come to life as you create your own customized games. The Fuse App also features JavaScript - enabling you to advance from block coding to a text-based language.

1 OPEN THE APP
Head to a bluetooth enabled computer and open the Fuse app in your web browser.

[SPHERO.COM/DOWNLOADS](https://sphero.com/downloads)

This is where the magic happens!

You'll find everything you need to build, code, and customize fun games to play with friends.

2 CREATE YOUR FIRST INVENTION

Stop right there! Before you do anything, we have a challenge for you.

Your first official challenge, if you choose to accept it, is to light up your LED matrix to display your name! Head to classroom.
littlebits.com/kits to get started.

3 PLAYER 1, ARE YOU READY?
After finishing **HELLO WORLD**, you're ready to get your game on.

Build an invention, code it, play it, then make it your own.

