



## AT-HOME LEARNING STARTER KIT

An open-and-go introductory kit.

The littleBits At-Home Learning Starter Kit provides an easy-to-follow, flexible, and powerful solution for reinforcing STEAM learning at home. This kit is ideal for educators to send home for individualized learning and can be easily facilitated and guided by parents. Our goal is to give you the tools and support you need to empower learners in any environment to create, experiment, and become critical problem solvers through play-based learning and project-based lessons.



### BITS



[Power](#)



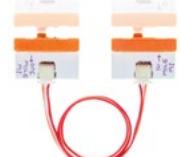
[Slide Dimmer](#)



[Button](#)



[Servo](#)



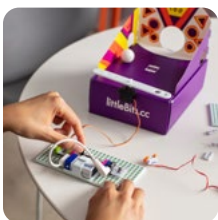
[Wire](#)

### ACTIVITIES & INVENTIONS



#### Hand Raiser

Learn what it means for an object to require work and what happens when an object has potential elastic or gravitational energy. Then use littleBits to create a simple prosthetic arm to explore these concepts further.



#### Carnival Games

Remake a favorite carnival game, or create a new one. Start by brainstorming ideas, then build and test several prototypes. Explain the rules to a friend and let them take it for a spin!



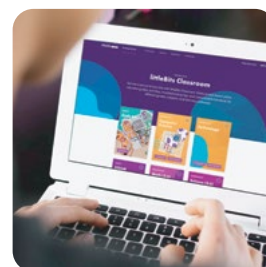
#### Invent a Creature

Create a unique creature adapted to survive in its habitat. Start with a plan for the design, build a few prototypes of the creature, and then test and iterate on your design.

### WHAT'S IN THE BOX?

- [9V Battery & Cable](#)
- Battery Clip
- [Adhesive Shoes](#) (x4)
- Ball Caster
- [Mechanical Arm](#)
- Glue Dots
- [Mounting Boards](#) (x2)
- Paper Templates (x4)
- [At-Home Learning Guide](#) to get started

### 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.