

## LILYPAD LAB PACK

The LilyPad Labpack are SparkFun's classroom entry point into the wonderful world of e-textiles and electronic clothing. The LilyPad lab pack is an economic classroom solution available only to educators and includes one free seat in SparkFun's *Intro to Arduino Class*.

The LilyPad system, designed by Leah Beuchley, was created to allow users to easily add electronic bits to their clothing. The LilyPad ProtoSnap is designed to lower the barrier for entry and allows the user to get up-and-running with e-textiles almost immediately. When students are done programming the LilyPad Protosnap in its current state, the parts snap apart for use in other projects.

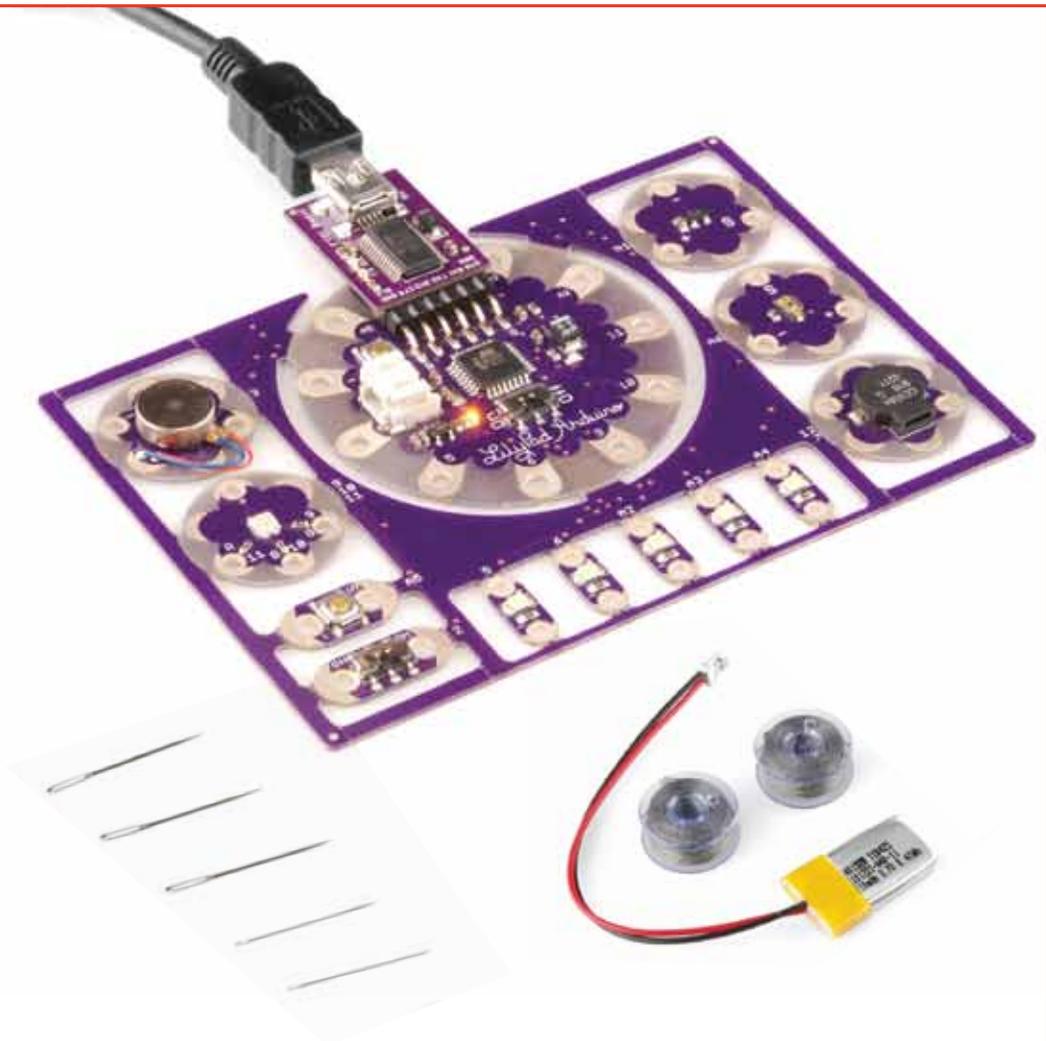
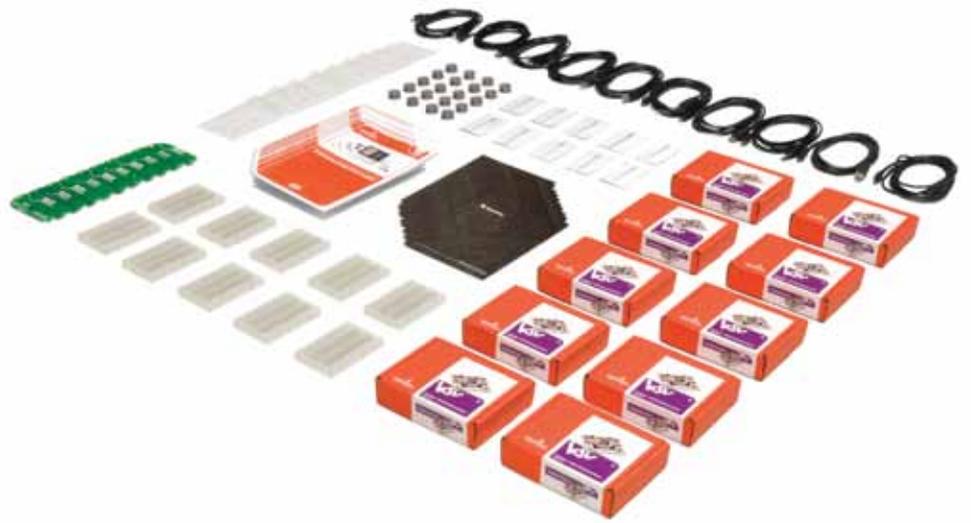
With the SparkFun Lab Packs, we package together everything educators need to get started and the Lab Packs are designed to work in many different classroom situations.

Examples, presentation files, projects, tutorials, and editable curriculum are all available from SparkFun. Make your classroom part of this new educational movement with the LilyPad Lab Pack!

### Users will learn about:

- Programming
- Controlling LEDs
- Using Buzzer and Buttons
- Sewing with Conductive Thread
- Experimenting with Arduino

We believe the skills learned with the LilyPad ProtoSnap Development board are the building blocks of many electronics projects. Once these skills are mastered, the world of e-textiles will be at your students fingertips.



### PACK INCLUDES:

- 10 ProtoSnap LilyPad Development Boards
- 20 Plastic Bobbins of Conductive Thread
- 10 Needle Sets
- 10 miniUSB Cables
- 10 Batch PCB Brochures
- 10 Batch PCB Reference Boards



No soldering required.



We recommend this kit for beginners ages 10 and up.

