

Soft Circuits: Switches, Sensors, and Code with **Victoria Manganiello**



MATERIAL KIT CONTENTS

You may purchase a material kit if you live in the United States or Canada for \$25 + shipping. If you live outside of the United States or Canada or would like to purchase your own supplies, please gather the following materials.

- Conductive thread
- Conductive fabric
- Resistive yarn (ie. polyester, nylon, cotton, silk, or linen)
- Resistive fabric (ie. polyester, nylon, cotton, silk, or linen)
- LED Diodes
- 3V batteries
- Battery holder
- Alligator clips
- Resistors
- Neopixels

NON-MATERIAL KIT SUPPLY LIST

The following materials are not included in the material kit and you will need to gather them on your own.

- LilyPad (sewable microcontroller)
- Non-conductive fabric (ie. cotton, polyester, or nylon)
- Non-conductive thread (ie. cotton, polyester, or nylon)
- Sewing needle
- Embroidery hoop
- Metal sewing notions like snaps, zippers, etc.
- Needle nose pliers
- Multimeter
- Computer with downloaded [Arduino Software](#)
- MicroUSB cable
- Optional: breadboard, jumper cables
- Optional: soldering iron, solder