

BOOK 4 | DESIGN CHALLENGES

SUPPLY LIST

Electronic Components

* Components needed for each student/participant

	<i>Sparkfun Part Number</i>	<i>Total</i>
Simple Board	DEV-10274	1
Lily LED (light emitting diode)	Blue - DEV-14012 Green DEV-14011 Pink DEV-14010 Red DEV-14013 White DEV-13902 Yellow DEV-14014	5
Light sensor or temperature sensor	light sensor - DEV-08464; temperature sensor DEV-08777	1
Buzzer, tri-color LED, or vibrate board	tri-color LED - DEV-08467; buzzer - DEV-08463; vibrate board-DEV-11008	1
Conductive thread	DEV-10867 (30 ft) DEV-13814 (12 m.)	1
Needles	TOL-10405 (set of 5, two smaller needles and 3 larger needles)	1-2

General Supplies

Embroidery Floss
Fabric
String/elastic
Drawing supplies
Other art supplies