



# MAKER JOURNAL

Name: \_\_\_\_\_

Date: \_\_\_\_\_

Unit: Electrical Engineering Game Board Design Challenge      Lesson 4: Shedding Light on LEDs

*As you build your circuits, draw them in the space provided, making sure to use the correct schematic symbols.*

## Circuit #1: LEDs in Series

## Circuit #2: LEDs in Parallel



# MAKER JOURNAL

Name: \_\_\_\_\_

Date: \_\_\_\_\_

**Questions:**

Describe any differences you notice between the series and parallel LED circuits. You may draw pictures as well as words. How can you use these observations to explain the flow of electric current through a circuit?