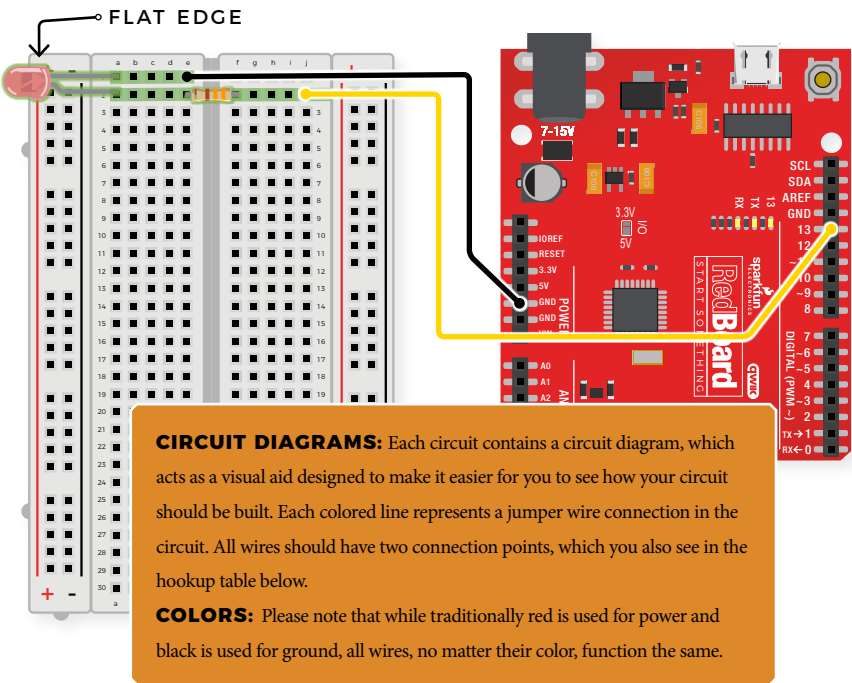


HOOKUP GUIDE

READY TO START HOOKING EVERYTHING UP? Check out the circuit diagram and hookup table below to see how everything is connected.



HOOKUP TABLES: Many electronics beginners find it helpful to have a coordinate system when building their circuits. For each circuit, you'll find a hookup table that lists the coordinates of each component or wire and where it connects to the RedBoard, the breadboard, or both. The breadboard has a letter/number coordinate system, just like the game Battleship.

◆ **D13 to J2**

...means one end of a component connects to digital pin 13 on your RedBoard and the other connects to J2 on the breadboard

CONNECTION TYPES ◆ REDBOARD CONNECTION ■ BREADBOARD CONNECTION

JUMPER WIRES ◆ **D13 to J2** ◆ **GND to E1**

LED ■ **A1(-) to A2(+)**

330Ω RESISTOR (ORANGE, ORANGE, BROWN) ■ **E2 to F2**

In this table, a yellow highlight indicates that a component has polarity and will only function if properly oriented.