## **Electronics Foundations: Fundamentals**

with Barron Stone

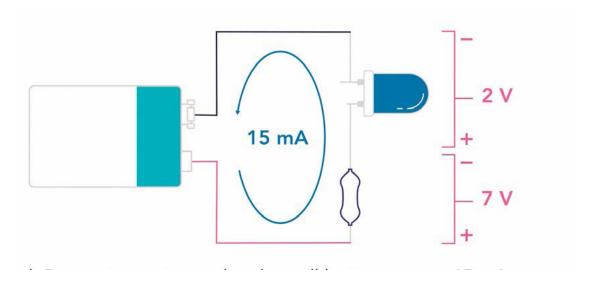


## Challenge

**Challenge:** Choose the resistance value to limit current

## **LED Characteristics**

- Very little resistance—pretend "0  $\Omega$ "
- Target current = 15 mA
- Voltage drop = 2 V



Goal: Determine resistor value that will limit current to 15mA