Electronics Foundations: Fundamentals

with Barron Stone

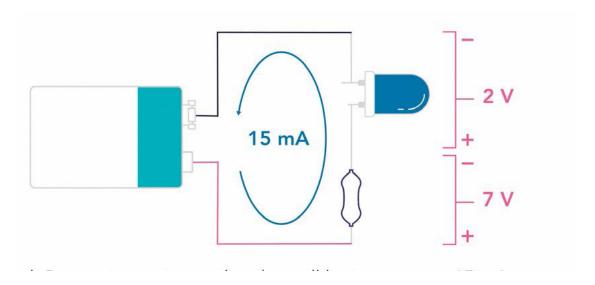


Challenge

Challenge: Choose the resistance value to limit current

LED Characteristics

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



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

R= 466.75 Round Up to the closest Resister = 2/4705