



# TEKS TASK: Electricity

## First:

Create a circuit so that if one light bulb is turned off the others will also turn off. Build the circuit with the following materials:

- 2 batteries
- 3 lightbulbs
- 1 switch
- wires
- battery and bulb holders

Video your circuit and post on seesaw. Use at least 4 vocabulary words while explaining or diagraming your circuit.

## Then:

Create a circuit so that if one thing (lightbulb, buzzer or motor) turns off the others will remain on. Build the circuit with the following:

- 2 batteries
- 2 lightbulbs
- 1 motor
- 1 buzzer
- 1 switch
- Wires
- Battery and bulb holders

Video your circuit and post on seesaw. Use at least 4 vocabulary words while explaining or diagraming your circuit.

**Checklist: Please critique at least two groups (once a group has two critiques, find another group)**

### Circuit 1

- All materials were used in circuit 1 (25 pts)
- When the circuit was closed all of the lights were working (25 pts)
- When one light turned off, none of the others could work (25 pts)
- Used at least 4 vocabulary words correctly while explaining or diagraming the circuit (25 pts)

Suggestions to make this circuit better: We noticed that \_\_\_\_\_

have you considered doing \_\_\_\_\_

### Circuit 2

- All materials were used in circuit 2
- When the circuit was closed all of the lights and motor were working
- When one item was turned off the others were able to still work
- Used at least 4 vocabulary words correctly while explaining or diagraming the circuit

Suggestions to make this circuit better: We noticed that \_\_\_\_\_

have you considered doing \_\_\_\_\_