UNIT: CIRCUITRY GAME

ACT-Based English: Jumbled Circuit Descriptions Answer Key

**Jumbled Sentences**

•  in / circuit / flows / current / a / closed / only   
→ *(Correct answer: Current flows only in a closed circuit.)*

•  resistors / the / electric / reduce / flow / of / current   
→ *(Correct answer: Resistors reduce the flow of electric current.)*

•  pathways / electricity / multiple / circuits / travel / in / parallel / has   
→ *(Correct answer: Parallel circuits have multiple pathways for electricity to travel.)*

•  a / device / LED / emits / when / forward-biased / light   
→ *(Correct answer: An LED emits light when forward-biased.)*

•  power / connected / is / the / game / before / the / ensure   
→ *(Correct answer: Ensure the game is connected to power before use.)*

## ACT-Style Question:

* Which sentence logically follows: "A resistor limits current in a circuit."

1. "The circuit is complete when the power is turned off."
2. "It prevents components from overheating due to excessive current."
3. "Parallel circuits share the same voltage."
4. "Electrical engineers use software to simulate circuits."

***(Correct Answer: B)***