**For demonstrating an experiment on glowing an LED light**

**The materials needed are:**

1. **LED (Light Emitting Diode):** This will be the light source that glows in the circuit.
2. **Resistor (220Ω or 330Ω):** To limit the current flowing through the LED, preventing it from burning out.
3. **Breadboard:** For assembling the circuit without soldering.
4. **Connecting Wires:** To connect components on the breadboard.
5. **Power Supply (around 9V Battery or DC power supply):** Provides the necessary voltage for the circuit.
6. **Multimeter:** For measuring the current, voltage, and resistance in the circuit.
7. **Push Button (optional):** To control when the LED lights up, adding a switch to the circuit.
8. **Jumper Wires:** To make connections on the breadboard between components.

**The experiment steps are:**

* Power Supply (Positive Terminal) → Breadboard Positive Rail
* Push Button → Resistor → LED Anode
* LED Cathode → Breadboard Negative Rail
* Breadboard Negative Rail → Power Supply (Negative Terminal)