**The Power of Food – Food Circuits Worksheet**

1. Draw a **series circuit**
2. Draw a **parallel circuit**
3. Define and draw a labeled **LED (diode)**
4. In the table below, record your observations during your experimentation (fruit used, voltage reading, how many LEDs lit up).

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| **Food** | **Voltage (reading)** | **Number of LEDs lit** | **Comments** |
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1. Draw a diagram of your most successful fruit circuit, labeling each part.