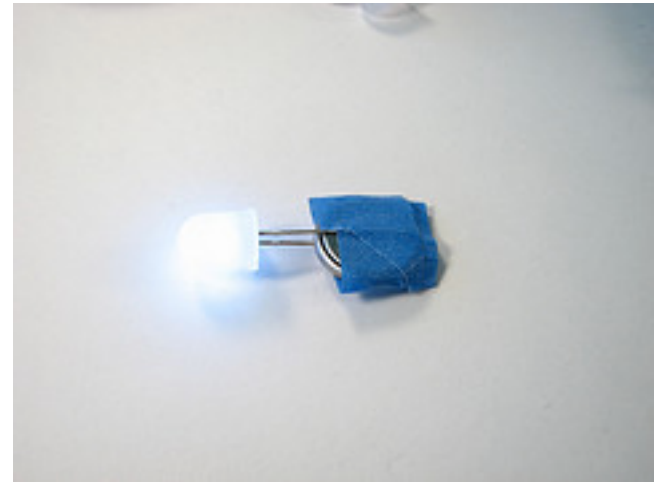


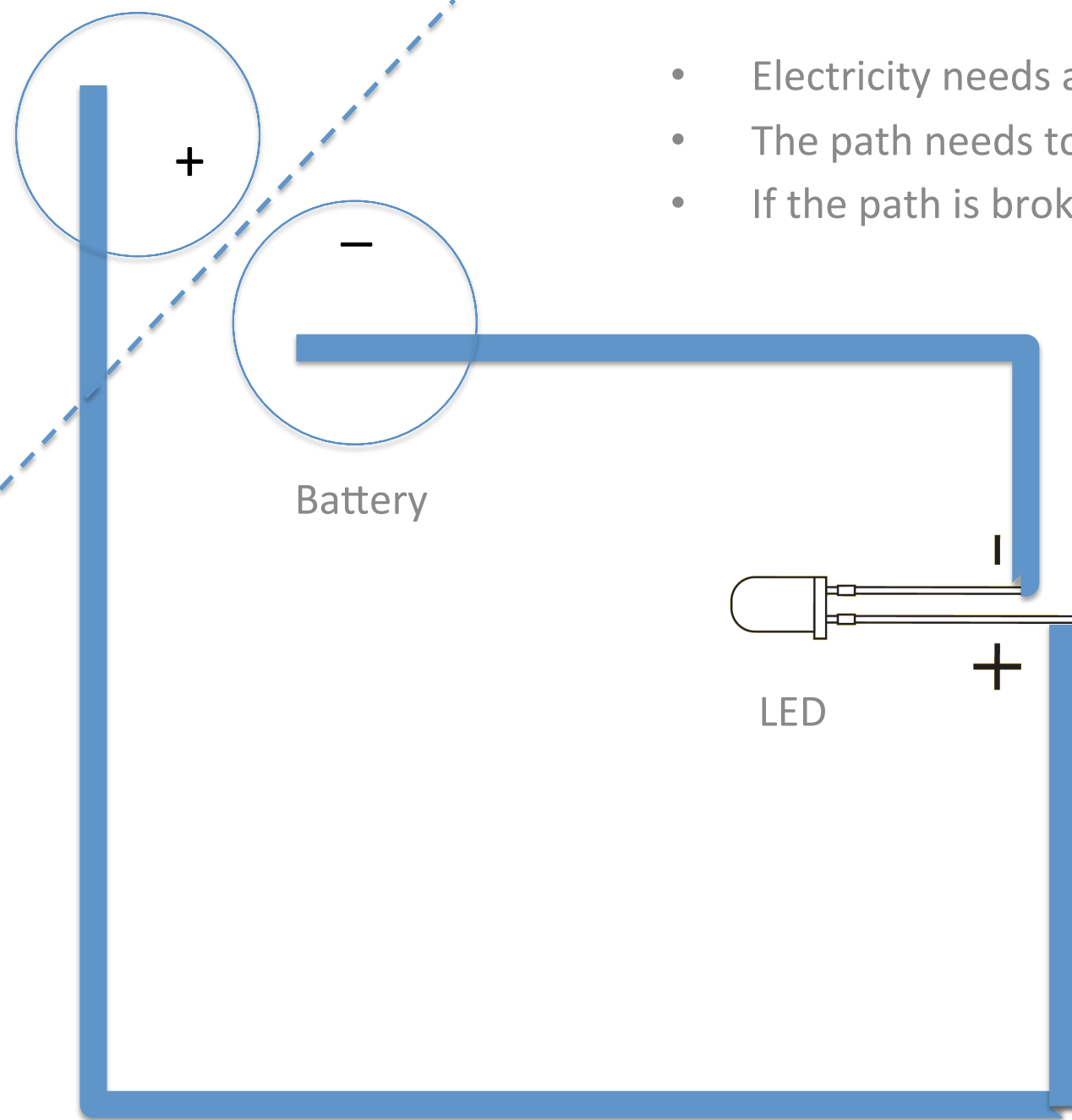
# Electricity Lesson

- Materials
  - Coin cell Battery
  - Copper tape
  - LED
  - Transparent tape
- Challenge: Make the LED light up

# Simple Solution



Can you make a switch for this circuit with copper tape?



- Electricity needs a path to flow
- The path needs to be a full loop
- If the path is broken then the light turns off

Wrap and tape down so non sticky part of copper tape is touching the LED

Use continuous strip of copper tape. Fold to create bends.

# Questions

- What happens when the battery is placed and the paper is folded?
- Where does the LED get its power from?
- What happens if you put the short lead of the LED to the + side of the battery?
- Can you make two lights work with one battery?
- What worked and what did not work?