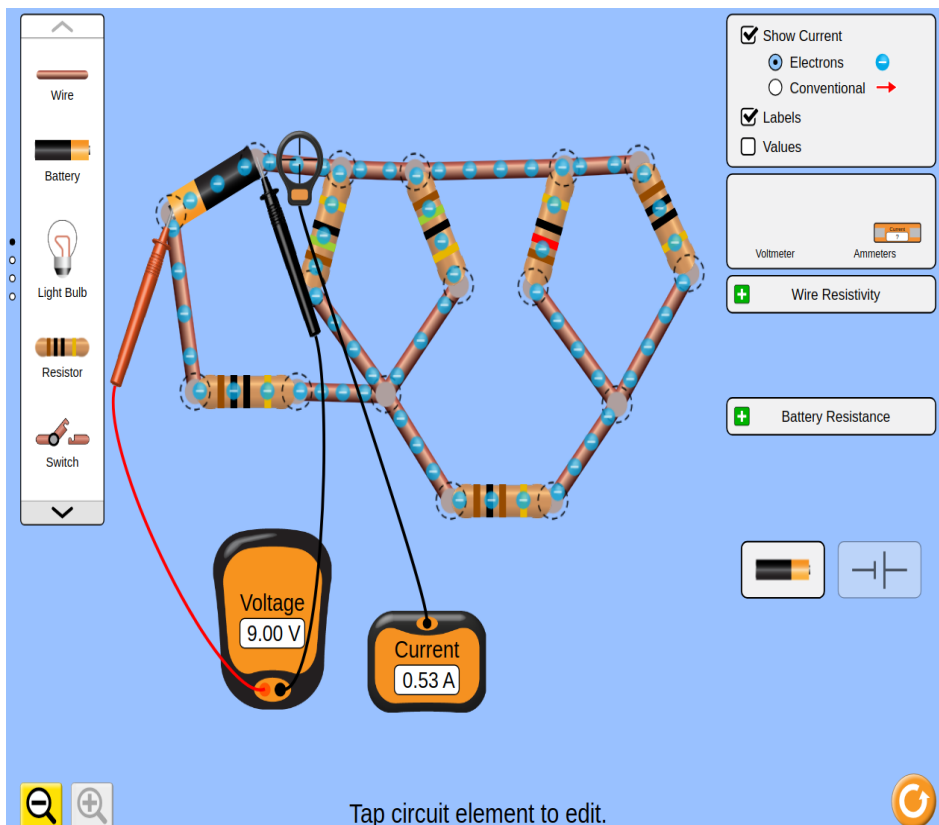


- 1) Compute the total power consumption.
- 2) Model the circuit in PhET (lab section has kilo-Ohm resistors).
- 3) Compare results.

*Model the circuit in PhET, and compare results:*



*In this assignment, students validate their reasoning regarding a circuit design by modeling it with a simulation tool. (The measurement of current is scaled by a factor of 10.0 due to the resistors used in the modeling tool.)*