

S2 Science–Voltage



<u>Voltage</u> (V) is a measure of the energy given to each of the charge carriers in an electrical circuit. You can think of it as the 'push' given to each charge carrier to move it around the circuit.

The battery (or cell) in a circuit supplies the charge carriers with the energy to go around the circuit, hence charge carriers can never have more energy than the battery supplies them



Online circuit builder (Note, not all circuit symbols will be the same):

https://phet.colorado.edu/sims/html/circuit-construction-kit-dc/latest/circuit-construction-kit-dc_en.html