



16.1 Electrical forces

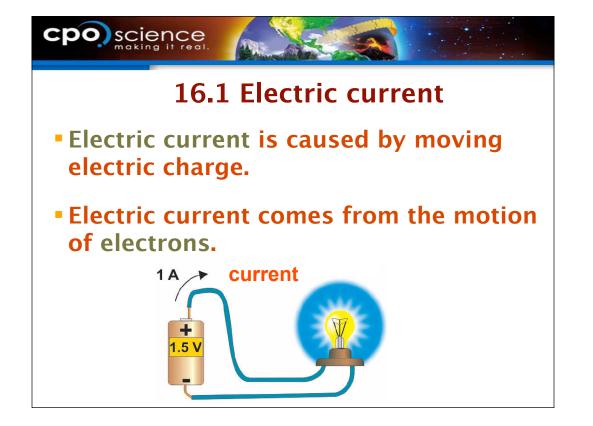
- The unit of charge is the coulomb (C).
 The name was chosen in honor of
- Charles Augustin de Coulomb (1736-1806), the French physicist who performed the first accurate measurements of the force between charges.

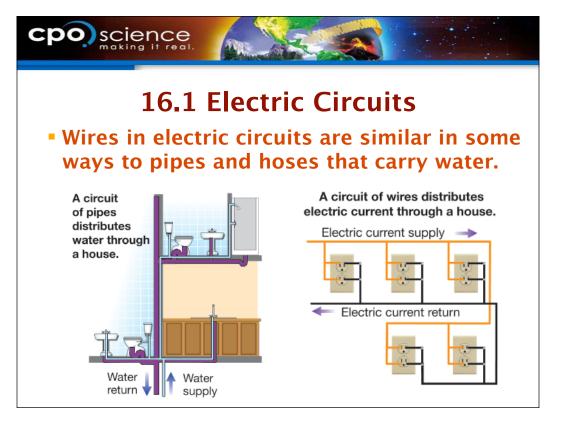


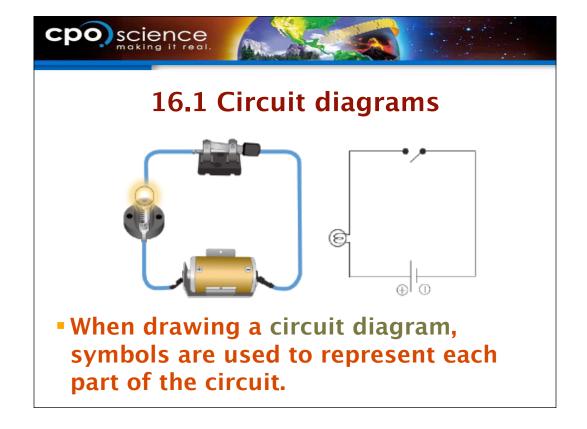


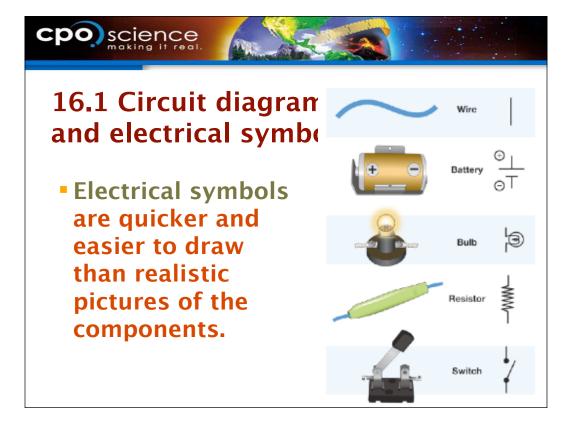
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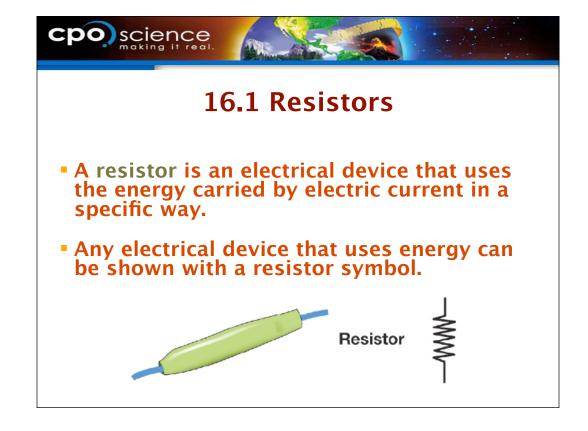
 A tiny imbalance in either positive or negative charge on an object is the cause of static electricity.

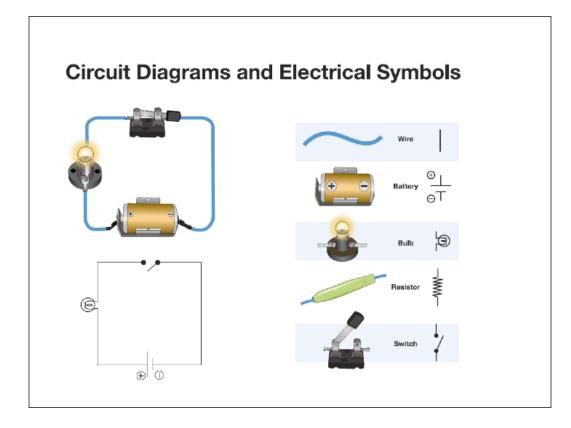












16.1 Open and closed circuits

 Current only flows when there is a complete and unbroken path, or a closed circuit.

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 Flipping a switch to the "off" position creates an open circuit by making a break in the wire.

