What is electric current?

1. Current is the **rate of flow** of charge around a circuit.
2. Charge is measured in coulombs (C) and current in amperes (A).
3. Charge flow = current × time, or Q = I t, with the time in seconds.
4. In a single closed loop the current is the same at every point.

Exam tip. Ammeters always go **in series** with the part you are measuring.