

Current

a flow of electric charge

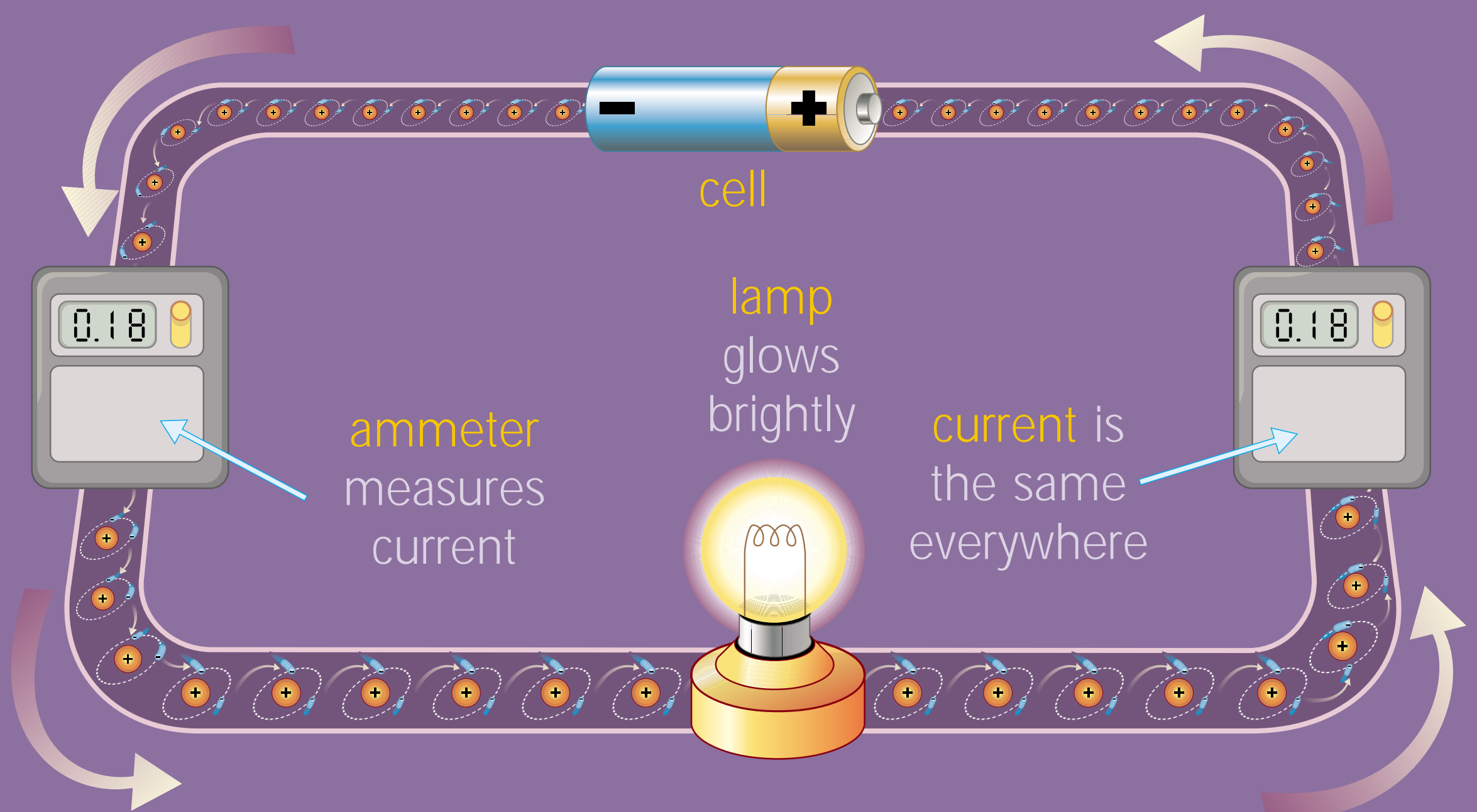
All matter is made up of **atoms**

Atoms contain particles called **electrons** (negatively charged)

Lightning is a flow of electric charge

Electrons revolve around a central **nucleus** (positively charged)

In metals some electrons can drift between atoms. A cell attached to a circuit of wires makes those electrons all move the same way, creating a flow of charge.



Current is measured in **coulombs** per second.
1 **ampere** (1A) means 1 **coulomb** of charge per second.