

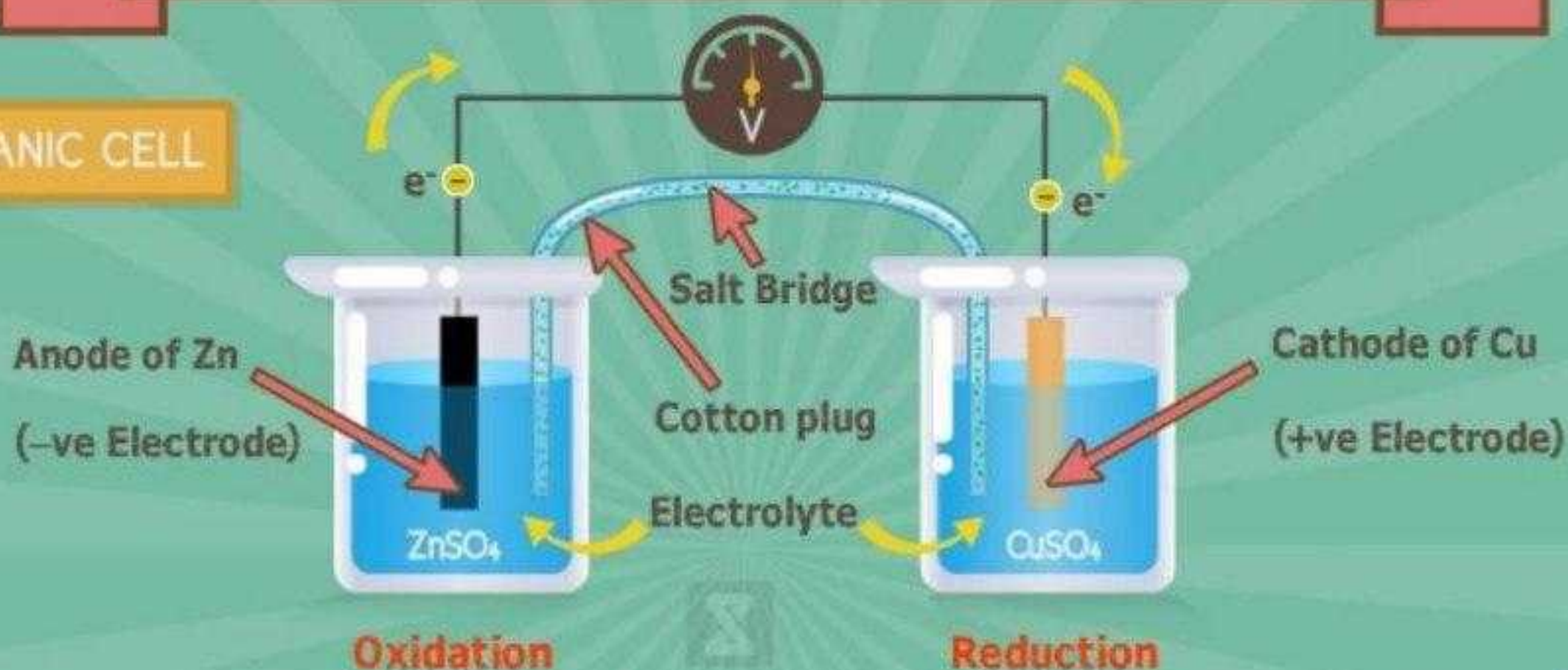


ELECTROCHEMISTRY

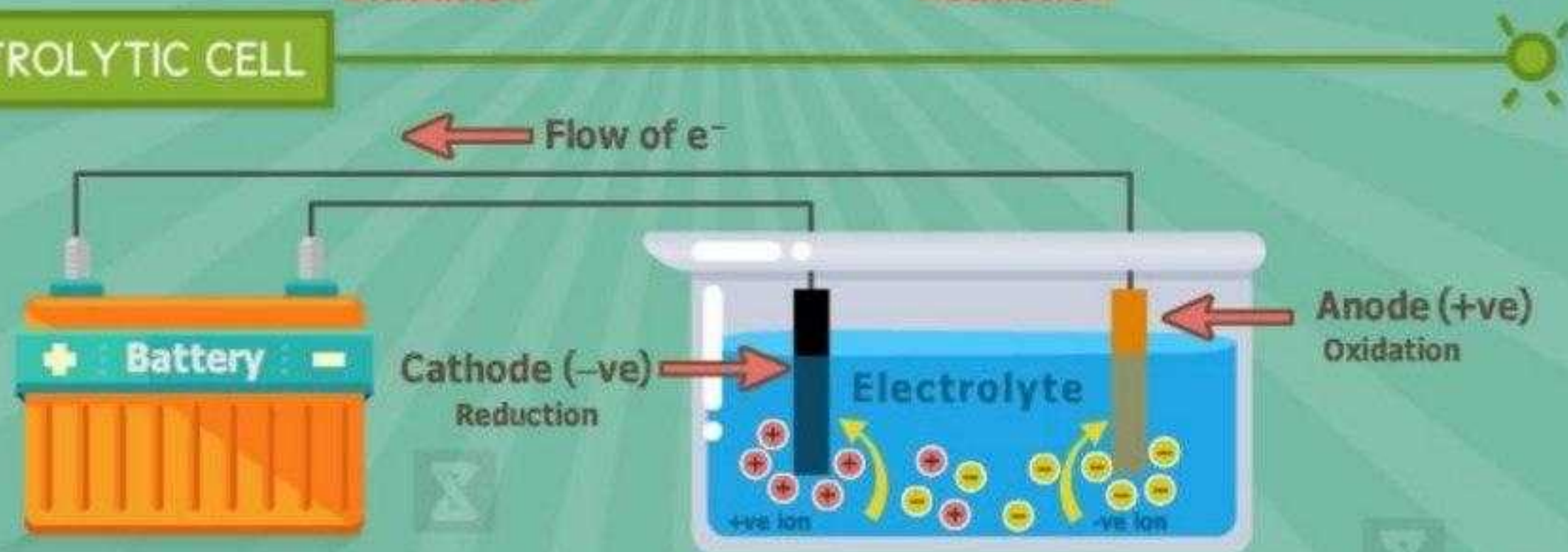


COMPARING GALVANIC AND ELECTROLYTIC CELL

GALVANIC CELL



ELECTROLYTIC CELL



PROPERTY	ELECTROLYTIC CELL	GALVANIC CELL
Basic structure	Two half cells connected by salt bridge.	Both electrodes placed in same container
Energy conversion	Electrical energy $\longrightarrow$ Chemical energy	Chemical energy $\longrightarrow$ Electrical energy
Transfer of electrons on the electrode	Positive(anode) $\longrightarrow$ Negative(Cathode)	Negative(anode) $\longrightarrow$ Positive(Cathode)
Anode	Positively charged electrode	Negative terminal cell
Cathode	Negatively charged electrode	Positive terminal cell