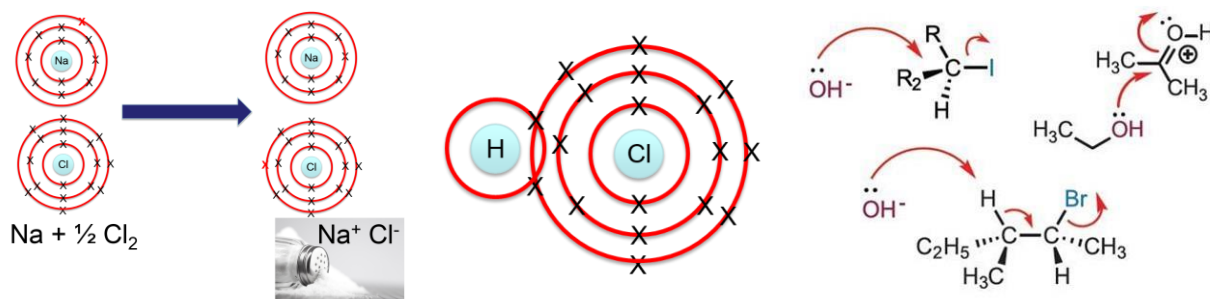


## What is Electrochemistry?



Chemical reactions are all about electrons moving around. You may already be familiar with the examples shown above.

In electrochemistry we can make reactions happen by **adding electrons to the system**, by using power from a battery, or a potentiostat. We call these **driven** electrochemical reactions.

We can also **harness the electrons produced by a chemical reaction** and use them to provide electrical power, like in a battery. We call these **spontaneous** electrochemical reactions.

Driven electrochemistry:  
electroplating



Spontaneous electrochemistry:  
Rusting/corrosion

