Displacement reactions

In chemistry there are many types of reactions. One of the main types of reactions is the displacement reaction. Imagine in real life if you are replacing something, you are typically replacing the old one with a similar but better one. This is comparable to single displacement reactions in chemistry.

Displacement reaction is a type of Ouction where a part of the reactant replaced by another reactant. There are basically two $A + BC \rightarrow B + AC$ types of displacement reactions: single- and double displacement reaction.

Single displacement reactions are reactions where one reactant replaces part of the other.

Double displacement reactions are reactions where part of one reactant is replaced by part of another reactant.

<u>A compound will always displace a less reactive metal</u> from solutions of its compounds.

By Péter Szilágyi 4.15.2015

 $AB + CD \rightarrow CB + AD$