Single Displacement

- Element A is a pure element and more active than element B

The Activity Series

- Elements are arranged in order by their likelihood to undergo specific types of reactions
- Based on experimentation and is usually determined by single displacement reactions
- Metals at the top of the list are more reactive than the elements below it.
- If Element A is listed higher than element B it can displace (cations)
- Further apart is more likely to displace
- Cation displacement: Metal -> metal
- Anion displacement: halogen -> halogen