LEARNING JOURNEY

Physical

Chemistry

Year 12 Spring Term / Summer Term

Equilibria, REDOX & Group 7

In contrast with kinetics, which is a study of how quickly reactions occur, a study of equilibria indicates how far reactions will go. Le Chatelier's principle can be used to predict the effects of changes in temperature, pressure and concentration on the yield of a reversible reaction. This has important consequences for many industrial processes. The further study of the equilibrium constant, Kc, considers how the mathematical expression for the equilibrium constant enables us to calculate how an equilibrium yield will be influenced by the concentration of reactants and products.



TUDOR HABITS

Tolerance - Science is a grand human project of contributions from people all over the world. In Group 7 we will look at both the positive and negative uses of the elements of group 7 over the course of history

VOCABULARY:

Dynamic equilibrium, yield, Reduction, oxidation, electronegativity, reducing agent, oxidising agent