

How Far?

The key areas of study in this topic are:

- The equilibrium constants K_c and K_p

By the end of this topic I should be able to:

	Start	End
Use of the terms mole fraction and partial pressure		
Calculate quantities present at equilibrium, given appropriate data		
Understand the techniques and procedures used to determine quantities present at equilibrium		
Write and use expressions for K_c and K_p for homogeneous and heterogeneous equilibria		
Calculate K_c and K_p , or related quantities and determine the relevant units		
Explain the qualitative effect on equilibrium constants of changing temperature for exothermic and endothermic reactions		
Understand the constancy of equilibrium constants with changes in concentration, pressure or in the presence of a catalyst		
Explain how an equilibrium constant controls the position of equilibrium on changing concentration, pressure and temperature		

In all topic areas you should be able to demonstrate and apply your knowledge and understanding.

