

Topic 17: Equilibrium (4 hours)

17.1 Liquid–vapour equilibrium

2 hours

	Assessment statement	Obj	Teacher's notes
17.1.1	Describe the equilibrium established between a liquid and its own vapour and how it is affected by temperature changes.	2	
17.1.2	Sketch graphs showing the relationship between vapour pressure and temperature and explain them in terms of the kinetic theory.	3	
17.1.3	State and explain the relationship between enthalpy of vaporization, boiling point and intermolecular forces.	3	

17.2 The equilibrium law

2 hours

	Assessment statement	Obj	Teacher's notes
17.2.1	Solve homogeneous equilibrium problems using the expression for K_c .	3	The use of quadratic equations will not be assessed.