

Prior Learning		<ul style="list-style-type: none"> • Particles • Separation techniques • Mixtures • C2 covalent bonding • C6a rates of reaction 		
Lesson Number	AQA Spec	Title	Content	Assessment/ Homework
1	4.6.2.1, 4.6.2.2	Reversible reactions and energy changes	<ul style="list-style-type: none"> • Investigate reversible reactions. • Explore the energy changes in a reversible reaction. • Find out how reaction conditions affect reversible reactions. 	
2.	4.6.2.3	Equilibrium	<ul style="list-style-type: none"> • Recognise reactions that can reach equilibrium. • Find out what happens to the reactants and products at equilibrium. 	Assessment 1: Multiple choice quiz: 20 questions on content so far Feedback: self-assessment
3	4.6.2.4, 4.6.2.5	Changing concentration and equilibrium	<ul style="list-style-type: none"> • Distinguish between reactants and products. • Explore how changing their concentrations affects reversible reactions. • Use Le Chatelier's principle to make predictions about changing concentrations 	
4	4.6.2.6	Changing temperature and equilibrium	<ul style="list-style-type: none"> • Distinguish between exothermic and endothermic forward reactions. • Explore how changing the temperature affects reversible reactions. • Use Le Chatelier's principle to make predictions about changing temperatures 	

5	4.6.2.7	Changing pressure and equilibrium	<ul style="list-style-type: none"> Recognise the number of product and reactant molecules in a reaction. Explore how changing the pressure affects reversible reactions. Use Le Chatelier's principle to make predictions about changing pressures. 	
6 HIGHER /TRIPLE	4.10.4.1	Haber process and Maths skills practice	<ul style="list-style-type: none"> Apply principles of dynamic equilibrium to the Haber process. Use graphs to explain the trade off with rate and equilibrium. <p>Explain how commercially used conditions relate to cost</p>	<p>Assessment 2: 15 mark extended question</p> <p>Feedback: Teacher</p>
End of Unit test				
Where we will use these ideas again				