

# Revision Plan 3

## (Chemistry)

Week	Classwork	Homework	Resources
1 13 <sup>th</sup> March	Lessons lost due to exam timetabling		
2 20 <sup>th</sup> March	<p><b>Required practical activity 8: analysis and purification of water samples from different sources, including pH, dissolved solids and distillation.</b></p> <p><b>4.10.1.4 Alternative methods of extracting metals (HT only)</b></p> <p><b>4.10.4.1 The Haber process</b></p> <p><b>4.10.4.2 Production and uses of NPK fertilisers</b></p>	Required practical homework booklet has been supplied as part of the activities during the science drop down day on the 1 <sup>st</sup> march	<p>Concentrate on paper 1 page references are from the clear revise chemistry revision guide</p> <p>Topic 4 RP1 preparing a pure dry sample of a soluble salt pg 66</p> <p>Topic 4 RP 2 titration pg 70</p> <p>Topic 4 RP 3 investigating electrolysis pg 77</p> <p>Topic 5 RP 4 Exothermic and endothermic reactions pg 81</p>

<p>3 27<sup>th</sup> March</p>	<p>4.6.2.1 Reversible reactions / 4.6.2.2 Energy changes and reversible reactions / 4.6.2.3 Equilibrium / 4.6.2.4 The effect of changing conditions on equilibrium / 4.6.2.5 The effect of changing concentration / 4.6.2.6 The effect of temperature changes on equilibrium / 5.6.2.7 The effect of pressure changes on equilibrium</p>		<p>Concentrate on paper 2 page references are from the clear revise chemistry revision guide</p> <p>Topic 6 RP 5 measuring rates of reaction pg 90</p> <p>Topic 8 RP 6 paper chromatography pg 125</p> <p>Topic 8 RP 7 Chemical analysis pg 130</p> <p>Topic 10 RP 8 analysing and purifying water samples pg 147</p> <p>A copy of the booklet is on G4S (you can collect a paper version if you were not in the lesson on 1<sup>st</sup> march</p>
<p>Easter revision: a full set of the knowledge organisers and a blank set of broadsheets are also available on G4S. Consider making your own KO or a set of flash cards, focus on definitions and what i call stock answers eg development of the periodic table, trends in reactivity, how properties link to bonding types in small covalent, ionic and giant covalent structures, how rates of reaction is affected by temperature, pressure, concentration and surface area, how fractional distillation and cracking work based on properties of the hydrocarbons, how waste, salt and ground water can be made potable and LCA of different materials eg paper cup vs plastic cup. The list can go on but these are the main ones.</p>			<p>Knowledge organisers</p> <p>Broadsheets</p> <p>Free science lesson videos (good as he explains exactly the words to use in your answers)</p> <p><a href="https://www.freesciencelessons.co.uk/videos/">https://www.freesciencelessons.co.uk/videos/</a></p>