

Week beginning 27 th Sept		
<p>Biology Cells (11-12) Microscopes (13-14)</p>	<p>Chemistry H Conservation of p89, Relative mass & chemical formulas p90, Moles p91 More calculations p92, Calculating Empirical formula p93, balancing equations using masses p97 F Conservation of mass p90, Relative mass p91, Concentration pg94 Calculating Empirical formula p92, Finding Empirical formula by experiment p 93 H & F Chemical Equations p75, Chemical Equations involving ions p76, Hazards and Risks p77</p>	<p>Physics H - Distance, Displacement, Speed and Velocity p145 Acceleration P146 Distance/Time graphs p147 Velocity/Time graphs p148 Newton's first and Second laws p149 F - Distance, Displacement, Speed and Velocity p145 Acceleration P146 Distance/Time graphs p147 Velocity/Time graphs p148</p>

October 2021

Week beginning 4 th October		
Biology Enzymes (15-17) Diffusion, Osmosis and Active Transport (18-19)	Chemistry H & F The Atom p79, Isotopes and Relative mass p80 The Periodic Table p81, Electron Configuration p82, Ions p83 Ionic Bonding p84, Ionic Compounds p85	Physics H - Weight and Circular Motion p150 Investigating Motion p151 Inertia and Newton's Third law p152 Momentum p153 Changes in Momentum p154 Stopping Distances and Reaction Times p155 F - Weight P149 Resultant forces & Newton's first law p150 Newton's Second Law p151 Investigating motion p152 Newton's Third Law p153 Stopping distance p154 Reaction Times p155
Week beginning 11 th October		
Biology Cell division and growth (20-21) Stem cells (22)	Chemistry H Covalent Bonding p86, Giant covalent structures and fullerenes p87, Metallic bonding p88 States of Matter p97, Changes of state p98, Purity p99, Distillation p100	Physics H - Energy Stores p156 Transferring energy p157 Efficiency p158 Reducing unwanted Energy Transfers p159

<p>The nervous system (23-24)</p>	<p>F Covalent Bonding p86, Giant covalent structures p87, Polymers and fullerenes p88, Metallic bonding p89 States of Matter p96, Changes of state p97, Purity p98, Distillation p99</p>	<p>Energy resources p160 More Energy Resources p161 Trends in Energy Resource Use p162 Revision Questions p163</p> <p>F - Energy Stores p156 Transferring energy p157 Kinetic and potential energy stores p158 Efficiency p159 Reducing unwanted energy transfers p160 Energy resources p161 More energy resources p162 Trends in Energy resource use p163</p>
<p>Week beginning 18th October (work experience)</p>		
<p>Biology Sexual reproduction and Meiosis (26)</p> <p>DNA (27)</p> <p>Genetic diagrams (28-29)</p>	<p>Chemistry H Filtration and crystallization p101, Chromatography p102, Interpreting chromatography p103, Water treatment p104 Acids and Bases p105, strong and weak acids p106</p> <p>F Filtration and crystallization p100, Chromatography p101, Interpreting chromatography p102, Water treatment p103 F Acids and Bases p104, strong and weak acids p105</p>	<p>Physics H - Wave Basics p164 Measuring Waves p165 Wave Behaviour and Boundaries p166 Investigating Refraction p167</p> <p>F - Wave Basics p165 Wave Speed p166 Investigating Waves p 167 Refraction p168 Investigating Refraction p169</p>
<p>Week beginning 25th October (Half term)</p>		
<p>Biology Variation and the human genome (30-31)</p> <p>Natural selection and evolution (32-33)</p> <p>Classification (35)</p>	<p>Chemistry H reactions of acids p107, Making Insoluble salts p108, Making soluble salts p109 electrolysis p110, predicting products of electrolysis p111</p> <p>F reactions of acids p106, Making Insoluble salts p109,</p>	<p>Physics H - Electromagnetic Waves p168 Electromagnetic Waves for Communication p169 Microwaves and Infrared p170 More Uses of EM Waves p171</p>

electrolysis of copper sulfate p112 Making soluble salts
p107, Making soluble salts using acids and alkalis p108

F - Electromagnetic Waves p170
Uses of EM Waves P171
More Uses of EM Waves p172

November 2021

Week beginning 1 st November		
<p>Biology Modifying organisms (36-37) Pathogens and communicable disease (39-42)</p>	<p>Chemistry H The reactivity series p114, Reactivity of metals p 115, Displacement reactions p116 Extracting metals using carbon p117, Other methods of extraction p118, Recycling p 119, LCA p120 F electrolysis p110, predicting products of electrolysis p111, electrolysis of copper sulfate p112 The reactivity series p114, Reactivity of metals p 115,</p>	<p>Physics H - Model of the Atom p172 Electron Energy Levels p173 Isotopes and Nuclear Radiation p174 F - Model of the Atom p173 More on the atomic model p174 Isotopes and Nuclear Radiation p175</p>
Week beginning 8 th November		
<p>Biology Antibiotics and Other medicines (43) Non - Communicable disease (44-46)</p>	<p>Chemistry H Dynamic Equilibrium p121, Le Chatelier's Principle p122 F Extracting metals using carbon p116, Extracting metals using electrolysis p117, Recycling p 118, LCA p119 Chemistry Revision (30 mins)</p>	<p>Physics H - Nuclear equations p175 Half life p176 Background Radiation and Contamination p177 F - Nuclear equations p176 Background Radiation and Activity p177 Half Life P178 Irradiation and Contamination p179</p>
Week beginning 15 th November (mock week 1)		
<p>Biology</p>	<p>Chemistry Chemistry Revision (60 mins)</p>	<p>Physics</p>



