

Year 9 – Breakdown of teaching for the Summer Term

Teaching Group	Biology	Chemistry	Physics
<p>9N1</p>	<p>EPA- Biology After half term we will have finished the content for the year. Moving forward, I am aiming to revisit all topics covered this year including: Cell biology Organisation Bioenergetics Organisation II I will put emphasis on exam questions and application of knowledge to help students to develop AO2 techniques. A similar structure will be given as ESM:</p> <p>Thursday period 3: revisit knowledge and short my time tasks</p> <p>Thursday period 5: more focus on exam technique to apply knowledge gained in period 3</p> <p>Friday period 2: Kahoot quiz to consolidate learning and enable me to plan further lessons.</p>	<p>ESM – Chemistry We have now finished our content for the year so lessons will aim to cover the first two topics again entirely up until the summer holidays. These topics are: Atomic structure and the periodic table Bonding and Structure</p> <p>Lessons run as follows: Tuesday – Revision lesson with tasks – There will also be 5 questions at the start which covers the 5 most poorly answered questions from the previous week’s Kahoot quiz. Wednesday – Exam questions to support revision Thursday –Kahoot quiz to check our knowledge</p>	<p>CSA – Physics New topic to commence after half term – Atomic structure. This will take us up to the end of term</p>
<p>9N2</p>	<p>EPA – Biology After half term 9N2 will have finished the content for the year too. I am hoping to revise organisation II before moving on to revision for the whole year. I feel it is necessary to go over gaps in knowledge in this topic before moving onto revision. I will then aim to revise most topics covered this year and put emphasis on application questions to help them with developing skills for A02 questions. Topics to revise: Cell biology Organisation Bioenergetics Organisation II Lessons will follow the same sequence of lessons detailed in 9N1</p>	<p>ESM – Chemistry We have now finished our content for the year so lessons will aim to cover the first two topics again entirely up until the summer holidays. These topics are: Atomic structure and the periodic table Bonding and Structure</p> <p>Lessons run as follows: Tuesday – Revision lesson with tasks – There will also be 5 questions at the start which covers the 5 most poorly answered questions from the previous week’s Kahoot quiz. Wednesday – Exam questions to support revision Thursday –Kahoot quiz to check our knowledge</p>	<p>CSA – Physics New topic to commence after half term – Atomic structure. This will take us up to the end of term</p>

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9N3	<p>DRO - Biology</p> <p>Complete the structure and function of the heart</p> <p>Complete problems with the heart (CHD)</p> <p>Complete the topic on health issues that includes:</p> <p>Smoking</p> <p>Diet, exercise and disease</p> <p>Alcohol</p> <p>Cancer</p> <p>Move on to plant tissues and organ systems</p>	<p>TGR - Chemistry</p> <p>Complete Reactions of Acids topic.</p> <p>Assess progress-using Educake (online learning platform).</p> <p>New Topic – Electrolysis</p>	<p>CWA – Physics</p> <p>Complete the Electricity Part 2 topic (Plugs & cables, electrical appliances & power, National grid)</p> <p>Assess progress-using online learning platform.</p> <p>New Topic – Particle Model of matter</p>
9N4	<p>CWA - Biology</p> <p>Complete the Health part of Organisation part 2 topic (mitosis & cancer)</p> <p>Move on to the Heart & heart disease & blood section.</p> <p>Move on to Plants tissues & organ systems section.</p> <p>Assess progress-using online learning platform.</p>	<p>TGR - Chemistry</p> <p>Complete Reactions of Acids topic.</p> <p>Assess progress-using Educake (online learning platform).</p> <p>New Topic – Electrolysis</p>	<p>CWA - Physics</p> <p>Complete Electricity part 2 topic (Plugs & cables, electrical appliances & power, National grid) after completing the Biology topic</p> <p>Assess progress-using online learning platform.</p>
9N5	<p>RWL - Biology</p> <p>Students are currently coming to completion of the bioenergetics topic. Following an assessment using Educake students will be commencing the second half of the organisation topic.</p> <p>Lessons will include;</p> <p>Structure of the heart and lungs,</p> <p>Composition the blood</p> <p>Non-communicable diseases.</p>	<p>KCO - Chemistry</p> <p>Complete Reactions of Acids topic.</p> <p>Assess progress-using Educake (online learning platform).</p> <p>New Topic – Electrolysis</p>	<p>MKE - Physics</p> <p>Continue the work on the second part of the electricity topic.</p> <p>Next will be the Atomic Structure topic</p> <p>Progress will be assessed by Educake</p>
9N6	<p>RWL - Biology</p> <p>Students are currently coming to completion of the bioenergetics topic. Following an assessment using Educake students will be commencing the second half of the organisation topic (Unit 2).</p> <p>Lessons will include;</p> <p>Structure of the heart and lungs,</p> <p>Composition the blood</p> <p>Non-communicable diseases</p>	<p>RWL - Chemistry</p> <p>Upon completion of the Bonding and Properties topic students are to commence Unit 4 – Chemical changes.</p> <p>Lessons will include;</p> <p>Reactivity of metals,</p> <p>Reactions of acid</p> <p>Electrolysis</p>	<p>MKE - Physics</p> <p>Continue the work on the second part of the electricity topic.</p> <p>Next will be the Atomic Structure topic</p> <p>Progress will be assessed by Educake</p>