

# CURRICULUM OVERVIEW 2018-19



## Separate Sciences Year 10

Success for All through Achievement, Challenge & Enjoyment



## Curriculum Overview 2018-19

Year group: Year 10

Subject: Separate Sciences - Biology (AQA 8461); Chemistry (AQA 8462); Physics (AQA 8463)

Periods per fortnight: Biology – 4; Chemistry – 4; Physics - 4

<b>Term</b>	<b>Topics studied</b> Add dates and any assessments included	<b>Extended learning opportunities</b> (homework, controlled assessments, field work, trips etc.)	<b>How parents could support students</b>
Autumn Term	<p>Students will study the following topics:</p> <p><b>Biology</b></p> <ul style="list-style-type: none"> <li>- B7 Ecology</li> </ul> <p><b>Chemistry</b></p> <ul style="list-style-type: none"> <li>- C4 Chemical changes</li> </ul> <p><b>Physics</b></p> <ul style="list-style-type: none"> <li>- P5 Forces</li> </ul> <p><u>Assessments</u></p> <p>End of unit tests completed at the end of each topic. Skills assessment taken in each topic.</p> <p>End of term exam taken in November. This will include GCSE exam-style questions on all the topics studied.</p>	<p>Extended Learning:</p> <ul style="list-style-type: none"> <li>- Exam style questions</li> <li>- Revision Mats</li> <li>- Skills assessment tasks</li> </ul> <p>Students are expected to complete about 1 hour extended learning for Science every two weeks.</p>	<p>Ensure students have the correct revision guide(s) for the GCSE course.</p> <p>Motivate their children to revise regularly, preferably following a revision timetable.</p> <p>Ask their children about what they are learning and discuss the subjects with them.</p> <p>Incentivise their children to use websites for studying such as BBC Bitesize or Seneca Learning, for example.</p>
Spring Term	<p>Students will study the following topics:</p> <p><b>Biology</b></p> <ul style="list-style-type: none"> <li>- B4 Bioenergetics</li> </ul> <p><b>Chemistry</b></p> <ul style="list-style-type: none"> <li>- C6 The rate and extent of chemical change</li> </ul> <p><b>Physics</b></p> <ul style="list-style-type: none"> <li>- Complete P5 Forces</li> </ul> <p><u>Assessments</u></p> <p>End of unit tests completed at the end of each topic. Skills assessment taken in each topic.</p> <p>End of term exam taken in March. This will include GCSE exam-style questions on all the topics studied so far.</p>	<p>Extended Learning:</p> <ul style="list-style-type: none"> <li>- Exam style questions</li> <li>- Revision Mats</li> <li>- Skills assessment tasks</li> </ul> <p>Students are expected to complete about 1 hour extended learning for Science every two weeks.</p>	<p>Ensure students have the correct revision guide(s) for the GCSE course.</p> <p>Motivate their children to revise regularly, preferably following a revision timetable.</p> <p>Ask their children about what they are learning and discuss the subjects with them.</p> <p>Incentivise their children to use websites for studying such as BBC Bitesize or Seneca Learning, for example.</p>

Summer Term	<p>Students will study the following topics:</p> <p><b>Biology</b></p> <ul style="list-style-type: none"> <li>- Complete B4 Bioenergetics</li> </ul> <p><b>Chemistry</b></p> <ul style="list-style-type: none"> <li>- C9 Chemistry of the atmosphere</li> </ul> <p><b>Physics</b></p> <ul style="list-style-type: none"> <li>- P7 Magnetism and electromagnetism</li> </ul> <p><u>Assessments</u></p> <p>End of unit tests completed at the end of each topic. Skills assessment taken in each topic.</p> <p>End of year exam taken in June. This will include GCSE exam-style questions on all the topics studied during the year.</p>	<p>Extended Learning:</p> <ul style="list-style-type: none"> <li>- Exam style questions</li> <li>- Revision Mats</li> <li>- Skills assessment tasks</li> </ul> <p>Students are expected to complete about 1 hour extended learning for Science every two weeks.</p>	<p>Ensure students have the correct revision guide(s) for the GCSE course.</p> <p>Motivate their children to revise regularly, preferably following a revision timetable.</p> <p>Ask their children about what they are learning and discuss the subjects with them.</p> <p>Incentivise their children to use websites for studying such as BBC Bitesize or Seneca Learning, for example.</p>
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