

CURRICULUM OVERVIEW 2018-19



Separate Sciences Year 11

Success for All through Achievement, Challenge & Enjoyment



Curriculum Overview 2018-19

Year group: Year 11

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

Periods per fortnight: 8

Term	Topics studied Add dates and any assessments included	Extended learning opportunities (homework, controlled assessments, field work, trips etc.)	How parents could support students
Autumn Term	<p>Students will study the following topics:</p> <p>Biology</p> <ul style="list-style-type: none"> - B5 Homeostasis and response - B6 Inheritance, variation and evolution <p>Chemistry</p> <ul style="list-style-type: none"> - C7 Organic chemistry - C8 Chemical analysis <p>Physics</p> <ul style="list-style-type: none"> - P4 Atomic structure - P6 Waves - P8 Space physics <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>Mock Exams taken in November.</p>	<p>Extended Learning:</p> <ul style="list-style-type: none"> - Exam style questions - Revision Mats - Skills assessment tasks <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>Chemistry</p> <ul style="list-style-type: none"> - C6 The rate and extent of chemical change - C9 Chemistry of the atmosphere <p>Physics</p> <ul style="list-style-type: none"> - P7 Magnetism and electromagnetism <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>Mock Exams taken in March.</p>	<p>Extended Learning:</p> <ul style="list-style-type: none"> - Exam style questions - Revision Mats - Skills assessment tasks <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>

<p>Summer Term</p>	<p>Revision of the entire Biology, Chemistry and Physics courses.</p>	<p>Extended Learning:</p> <ul style="list-style-type: none"> - Exam style questions - Revision Mats - Skills assessment tasks <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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