

CURRICULUM OVERVIEW 2018-19



Separate Sciences Year 9

Success for All through Achievement, Challenge & Enjoyment



Curriculum Overview 2018-19

Year group: Year 9

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

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

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"> - B1 Cell Biology <p>Chemistry</p> <ul style="list-style-type: none"> - C1 Atomic structure and the Periodic Table <p>Physics</p> <ul style="list-style-type: none"> - P1 Energy <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"> - 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>Biology</p> <ul style="list-style-type: none"> - B2 Organisation <p>Chemistry</p> <ul style="list-style-type: none"> - C2 Bonding, structure, and the properties of matter - C3 Quantitative chemistry <p>Physics</p> <ul style="list-style-type: none"> - P2 Electricity - P3 Particle model of matter <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"> - 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>

Summer Term	<p>Students will study the following topics:</p> <p>Biology</p> <ul style="list-style-type: none"> - Complete B2 Organisation - B3 Infection and response <p>Chemistry</p> <ul style="list-style-type: none"> - Complete C3 Quantitative chemistry - C5 Energy changes <p>Physics</p> <ul style="list-style-type: none"> - Complete P3 Particle model of matter - 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>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"> - 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>