

# CURRICULUM OVERVIEW 2018-19



## Science Year 8

Success for All through Achievement, Challenge & Enjoyment



## Curriculum Overview 2018-19

Year group: Year 8

Subject: Science

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 have skills lessons to learn the basics of working safely in the laboratory. After this they will study the following topics:</p> <p>Biology 4 Looking at plants and ecosystems</p> <p>Chemistry 4 Explaining chemical changes</p> <p>Physics 4 Magnetism and electricity</p> <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 cover all the topics studied so far, since the beginning of KS3.</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 30 minutes extended learning for Science every two weeks.</p>	<p>Ensure students have a revision/workbook for Science KS3.</p> <p>Motivate their children to revise regularly.</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.</p>
Spring Term	<p>Students will study the following topics:</p> <p>Biology 5 Variation for survival</p> <p>Chemistry 5 Obtaining useful materials</p> <p>Physics 4 Magnetism and electricity</p> <p>Physics 5 Motion on Earth and in Space</p> <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 all topics since the beginning of KS3.</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 30 minutes extended learning for Science every two weeks.</p>	<p>Ensure students have a revision/workbook for Science KS3.</p> <p>Motivate their children to revise regularly.</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.</p>

Summer Term	<p>Students will study the following topics:</p> <p>Complete P5 Motion on Earth and in Space</p> <p>Biology 6 Our health and the effects of drugs</p> <p>Chemistry 6 Using our Earth sustainably</p> <p>Physics 6 Waves and energy transfers</p> <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 all topics since the beginning of KS3.</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 30 minutes extended learning for Science every two weeks.</p>	<p>Ensure students have a revision/workbook for Science KS3.</p> <p>Motivate their children to revise regularly.</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.</p>
-------------	--	---	---