

CURRICULUM OVERVIEW 2018-19



Science Year 7

Success for All through Achievement, Challenge & Enjoyment



Curriculum Overview 2018-19

Year group: Year 7

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 1 Cells – the building blocks of life</p> <p>Chemistry 1 Mixing, dissolving and separating</p> <p>Physics 1 Forces and their effects</p> <p><u>Assessments</u></p> <p>Students do a Baseline Test at the beginning of the year so that any gaps in their KS2 Science knowledge can be diagnosed and actions taken to close them.</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.</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 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>Complete Biology 1 Cells – the building blocks of life</p> <p>Biology 2 Eating, drinking and breathing</p> <p>Chemistry 2 Elements, compounds and reactions</p> <p>Physics 2 Energy transfers and sound</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 year 7.</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 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>

<p>Summer Term</p>	<p>Students will study the following topics:</p> <p>Complete Biology 2 Eating, drinking and breathing</p> <p>Biology 3 Getting the energy your body needs</p> <p>Chemistry 3 Explaining physical changes</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 year 7.</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 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>
--------------------	---	---	---