

CURRICULUM OVERVIEW

Please contact your child's subject teacher or Head of Department for answers to subject related questions

SUBJECT	SCIENCE	YEAR GROUP	9
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Note: The Science Curriculum is designed to build on content taught year by year. Therefore, some topic titles are similar to those in the previous year, but will cover different, and more complex, scientific concepts.

Due to demands for equipment/ resources topics are taught on a rota basis, so classes may cover topics at times other than those stated above within the year.

	Lesson Content	Subject Assessment Methods	Opportunities for Home Learning
HALF TERM 1	<ul style="list-style-type: none"> Health and Disease Variables Energy Transfers 	<ul style="list-style-type: none"> Regular assessments after each topic (approximately every 4 weeks), allows accurate sub-leveilling of student progress. (Some topics allow students to achieve higher levels than others. This depends on the scientific content of the topic being covered.) Students may be moved into a higher or lower set depending on their performance in tests. More formal assessment in the form of termly tests will allow staff to report progress accurately to parents/carers. Usually one piece of homework per week, per teacher to allow traffic lighting. Final examination in half term 6 to allow setting to take place in Year 10. Information from this final test informs the staff judgement of End of Key Stage 3 level. This data will also then be used to support students in choosing their Science option for Year 10 	<ul style="list-style-type: none"> Use of revision guide/exercise books to consolidate learning is expected after every lesson. Small research projects may be set. Revision in preparation for tests. Small experiments/ investigations may be set. Homework varies depending on topic. May be completion/ extension of class work, exam style questions, extended writing, independent research, preparation for next lesson <p>Extension activities These are specific to the topic being taught and are available as part of nearly every lesson. Students may be targeted to complete specific extension activities, but all students are encouraged to ask their teacher for any additional activities available. If your child is invited to be involved in Science Intervention they will be given extra tasks to complete at home to support their progress. BBC Bitesize KS3 Science supports our scheme</p>
HALF TERM 2	<ul style="list-style-type: none"> Animal Behaviour Rocks Convection, Conduction, Radiation 		
HALF TERM 3	<ul style="list-style-type: none"> Plant Behaviour Metals Energy resources 		
HALF TERM 4	<ul style="list-style-type: none"> Drugs Emulsions Physics Investigations 		



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			of work with games, activities and quizzes.
HALF TERM 5	<ul style="list-style-type: none">Exam Preparation- revisiting prior learning		Future study/career pathways at Post 16/Higher Education http://www.sciencebuddies.org/science-fair-projects/science_careers.shtml
HALF TERM 6	<ul style="list-style-type: none">Water RocketsEnergy in ReactionsPlanning Investigations		Science staff will be pleased to discuss any questions you may have on careers in science