

Module/Unit of Learning	Taught During	What will students learn?	How are students challenged to become experts?	Links to other Subjects
Physics Paper 2	Autumn 1	Students will link together their knowledge of forces and motion, waves and magnetism. Students will also cover the space module which explores the solar system, beginnings of the universe and life cycle of a star.	By studying the content holistically and building links between knowledge, students become more confident and more able to apply their knowledge and skills. Students also develop their exam technique and metacognition skills to maximise their chances of being successful.	Maths
Chemistry Paper 2	Autumn 2	Students will link together their knowledge of rates of reaction, organic chemistry, chemical analysis, chemistry of the atmosphere and using resources		Geography and Maths
Biology Paper 2	Autumn 2/ Spring 1	Students will link together their knowledge of inheritance and evolution, homeostasis and response and ecology		Geography and Maths
Physics Paper 1	Spring 1	Students will link together their knowledge of energy, electricity, particle model of matter and radiation		Maths

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Chemistry Paper 1	Spring 2	Students will link together their knowledge of atomic structure & periodic table, chemical changes, quantitative chemistry and energy changes. Students will cover more complex content in organic chemistry.	By studying the content holistically and building links between knowledge, students become more confident and more able to apply their knowledge and skills. Students also develop their exam technique and metacognition skills to maximise their chances of being successful.	Maths
Biology Paper 1	Spring 2/ Summer 1	Students will link together their knowledge of cell biology, organisation, infection & response and bioenergetics		History and Maths
Revision	Summer 1	Students will cover bespoke content and skills that their teacher's, who know the class and individuals well, have worked out need boosting prior to the GCSE exams.		