

Year 9 Curriculum Map: Science

	Term 1	Term 2	Term 3
Unit Title	Energy B Genes B Waves B	Biology Transition unit Chemistry Transition unit Physics Transition unit	Biology Transition unit Chemistry Transition unit Physics Transition unit
Assessment Task	A variety of formative assessment will be the primary assessment type including low-stakes quizzes, show me boards and hinge questions. Summative assessment will cover all the topics studied and will include a variety of question types.		
Key Knowledge/ Skills	Understand how heat can be transferred through conduction, convection and radiation Know how inheritance, variation and selection led to Evolution. Know how waves, in sound light and the electromagnetic spectrum behave.	Know how cells grow, reproduce and how substances move in and out. Know how atoms are constructed and how they are arranged with in the periodic table. Know how energy is stored and transferred and .	Know how cells grow, reproduce and how substances move in and out. Know how atoms are constructed and how they are arranged with in the periodic table. Know how energy is stored and transferred.
Rationale:	These schemes of learning build upon core knowledge learnt at KS2, year 7 and year 8. They develop student's ability to understand and apply knowledge in more depth. Pupils will also begin to develop essential practical skills.		