

Yr7 Term 2 Science

Unit	Summary	Skills	Assessment	British Values and SMSC	Career links	Cross-curricular links
Health and Disease	Recognising micro-organisms that cause disease. Prevention of disease Importance of a balanced diet	Identifying variables	Low stakes marking opportunity. HW on SENECA Part of the End of Term Test 2	interest in investigating, and offering reasoned views about, moral and ethical issues.	Doctor, Nurse, Microbiologist, Oncology, Immunology, Veterinarian, Physio, Parent	P.E, MATHS, Food Tech, Art
Electricity	Describe how electricity is generated Recognise renewable and non-renewable energy sources. Draw simple parallel and series circuits Describe the current and voltage in each type of circuit	Building circuits Drawing circuits Interpreting graphs Method Writing	Low stakes marking opportunity. HW on SENECA Part of the End of Term Test 2	sense of enjoyment and fascination in learning about themselves, others and the world around them, including the intangible use of imagination and creativity in their learning	Engineer, electrician, quantity surveyor, mechanic	DT, MATHS, TECH
Reactions	Define the terms element, atom, and compound Describe and explain rusting Describe chemical reactions using symbol and word equations	Method writing Interpreting data Making predictions Writing conclusions Practical skills	Low stakes marking opportunity. HW on SENECA Part of the End of Term Test 2	sense of enjoyment and fascination in learning about themselves, others and the world around them, including the intangible use of imagination and creativity in their learning	Doctor, Nurse, Microbiologist, Oncology, Immunology, Veterinarian, Physio, chemist, pharmacist	DT, MATHS, FOOD TECH
Biological Energy	Describe the function of plant organs Describe and explain photosynthesis	Identify patterns Making conclusions Practical skills	Low stakes marking opportunity. HW on SENECA Part of the End of Term Test 2	sense of enjoyment and fascination in learning about themselves, others and the world around them, including the intangible use of imagination and creativity in their learning	Engineering, Product Design,	DT, MATHS, FOOD TECH

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Salts	<p>Recognising acids and alkalis Using indicators to identify solutions as acids and alkalis Define the term neutralisation Determine the p.H of a solution</p>	<p>Writing methods Making Predictions Practical skills</p>	<p>Low stakes marking opportunity. HW on SENECA Part of the End of Term Test 2</p>	<p>sense of enjoyment and fascination in learning about themselves, others and the world around them, including the intangible use of imagination and creativity in their learning</p>	<p>Doctor, Nurse, Microbiologist, Oncology, Immunology, Veterinarian, Physio, chemist, pharmacist</p>	<p>DT, MATHS, FOOD TECH, PE</p>
Forces and Motion	<p>Classify forces as contact and non-contact Calculate speed of an object</p>	<p>Writing methods Making Predictions Practical skills Rearranging equations</p>	<p>Low stakes marking opportunity. HW on SENECA Part of the End of Term Test 2</p>	<p>sense of enjoyment and fascination in learning about themselves, others and the world around them, including the intangible use of imagination and creativity in their learning</p>	<p>Engineering, Mechanic, Space scientist</p>	<p>DT, MATHS, FOOD TECH, PE</p>