

Yr7 Term 3 Science

Unit	Summary	Skills	Assessment	British Values and SMSC	Career links	Cross-curricular links
Electricity	Identify circuit symbols 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 3	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
Ecosystems	Interpreting Food webs and Food chains Describing effects of pollution Using quadrats	Interpreting diagrams Writing conclusions Calculating area, mean average Making conclusions	Low stakes marking opportunity. HW on SENECA Part of the End of Term Test 3	ability to recognise the difference between right and wrong and their readiness to apply this understanding in their own lives understanding of the consequences of their actions interest in investigating, and offering reasoned views about, moral and ethical issues.	Doctor, Nurse, Microbiologist, Oncology, Immunology, Veterinarian, Physio, chemist, pharmacist	DT, MATHS, FOOD TECH
Space	State the order of planets Recognise properties of planets Day, night, seasons Describe the structure of the Earth	Research answers to questions Interpret data and represent data Creative writing	Low stakes marking opportunity. HW on SENECA Part of the End of Term Test 3	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, PE
Forces and Motion	Classify forces as contact and non-contact Calculate speed of an object	Writing methods Making Predictions Practical skills Rearranging equations	Low stakes marking opportunity. HW on SENECA Part of the End of Term Test 3	sense of enjoyment and fascination in learning about themselves, others and the world around them, including the intangible	Engineering, Mechanic, Space scientist	DT, MATHS, FOOD TECH, PE

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				use of imagination and creativity in their learning		
STEAM FAYRE	Developing working scientifically skills Identifying Variables Making and testing predictions Collecting data Planning methods Drawing graphs Analysing quantitative data Making conclusions based in data	Identifying Variables Making and testing predictions Collecting data Planning methods Drawing graphs Analysing quantitative data Making conclusions based in data Team work Resilience	N/A	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	All research scientists	PE, MATHS, FOOD TECH, MUSIC, TECH