

Yr7 Term 3 Science

Unit	Summary	Skills	Assessment	British Values and SMSC	Career links	Cross-curricular links
Reproduction	<p>Naming key parts of the male and female reproductive system in humans and plants</p> <p>Explaining fertilisation in plants and animals</p> <p>Explaining different types of seed dispersal</p>	Drawing and interpreting graphs	<p>Low stakes marking opportunity.</p> <p>HW on SENECA</p> <p>Part of the End of Term Test 3</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,</p>	<p>P.E, MATHS, Food Tech,</p>
Waves	<p>To recognise transverse and longitudinal waves</p> <p>State parts of the eye and the function.</p> <p>Light and vision</p>	<p>Drawing waves</p> <p>Measuring waves</p> <p>Calculating wave speed</p> <p>Making Predictions</p> <p>Writing conclusions</p>	<p>Low stakes marking opportunity.</p> <p>HW on SENECA</p> <p>Part of the End of Term Test 3</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>Engineer, electrician, quantity surveyor, mechanic, space scientist</p>	<p>DT, MATHS, Music, PE, ART</p>
Ecosystems	<p>Interpreting Food webs and Food chains</p> <p>Describing effects of pollution</p> <p>Using quadrats</p>	<p>Interpreting diagrams</p> <p>Writing conclusions</p> <p>Calculating area, mean average</p> <p>Making conclusions</p>	<p>Low stakes marking opportunity.</p> <p>HW on SENECA</p> <p>Part of the End of Term Test 3</p>	<p>ability to recognise the difference between right and wrong and their readiness to apply this understanding in their own lives</p> <p>understanding of the consequences of their actions</p> <p>interest in investigating, and offering reasoned views about, moral and ethical issues.</p>	<p>Doctor, Nurse, Microbiologist, Oncology, Immunology, Veterinarian, Physio, chemist, pharmacist</p>	<p>DT, MATHS, FOOD TECH</p>
Metal Reactivity	<p>Write word and symbol equations</p> <p>Describe reactions between acids and metals</p> <p>Reactivity of metals</p>	<p>Planning a method</p> <p>Interpreting results</p> <p>Assessing risk</p>	<p>Low stakes marking opportunity.</p> <p>HW on SENECA</p> <p>Part of the End of Term Test 3</p>	<p>sense of enjoyment and fascination in learning about themselves, others and the world around them, including the intangible</p>	<p>Engineering, Product Design,</p>	<p>DT, MATHS, FOOD TECH</p>

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	Extracting metals			use of imagination and creativity in their learning		
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
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