

SCIENCE LTP

YEAR	TERM					
	Autumn One	Autumn Two	Spring One	Spring Two	Summer One	Summer Two
Year 7 (KS3)	Introduction to Science lab safety and measurement 1.B1. Cells	1.P1. Forces	1.C4. Acids and alkalis	1.B2 Structure and function of body systems	2.P2. Energy	1.C1. Particles and their behaviour
Year 8 (KS3)	1.P2,3. Light and sound	2.C1. Periodic table 1.C2. Elements, atoms, and compounds	1.B3. Reproduction	1.P4. Space	1.C3. Reactions	2.B2. Ecosystem processes
Year 9 (KS4)	2.C3. Metals and Acids	2. B1. Health and lifestyle	2.P1. Electricity and magnetism	2.C2. Separation techniques	2.B3. Adaptation and inheritance	2.P3. Motion and pressure 2.C4 The earth
Year 10 (KS4)	BTEC UNIT ASc7: Investigating variations in plants and animals <ul style="list-style-type: none"> Find out about basic keys and 	BTEC UNIT ASc7: Investigating variations in plants and animals <ul style="list-style-type: none"> Investigate variations that occur in humans. 	C1 The particulate nature of matter C2 Experimental techniques	P5 Electrical quantities P6 Electric circuits	C5 Electricity and chemistry C6 Energy changes in chemical reactions	P1 Motion P2 work, energy and power

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	<p>how to use them.</p> <ul style="list-style-type: none"> Identify living things by their characteristics. Prepare and view slides using simple stains. Look at prepared slides to show variations. Investigate structural differences between plant and animal cells. 	<ul style="list-style-type: none"> Carry out practical lab investigations and research to show variation. Use appropriate ways to show the information collected. Recognise important features of a graph eg. Units on an axis. 	<p>C3 Atoms, elements, and compounds</p> <p>C4 Stoichiometry</p>		<p>C7 Chemical reactions</p>	<p>P3 Thermal physics</p> <p>Completion of any outstanding BTEC work ready for entry</p>
Year 11 (KS4)	<p>B3 Biological molecules</p> <p>B4 Enzymes</p> <p>B5 plant nutrition</p> <p>B6 Animal nutrition</p>	<p>C8 Acids, bases, and salts</p> <p>C9 The periodic table</p> <p>C10 Metals</p>	<p>P4 Properties of waves including light and sound</p> <p>C11 Air and water</p>	<p>B7 Transport</p> <p>B8 Gas exchange and respiration</p> <p>B9 Co-ordination and response</p> <p>B10 Asexual and sexual reproduction in humans and plants</p>	<p>B11 Organisms and their environment</p> <p>B12 Human influences on ecosystems</p> <p>Revision Practice papers Example answers Re-cap common practical's</p>	<p>Revision Practice papers Example answers Re-cap common practical's</p>