

## APPLIED SCIENCE – BTEC LEVEL 3

	TERM 1	TERM 2	TERM 3
<p>Year 12</p> <p>Unit 1: Principles and applications of science I (EXAM UNIT)</p> <p>Unit 2: practical scientific procedures and techniques (ASSESSMENT UNIT)</p>	<p><b>CONTENT</b></p> <p>Unit 1: Section B – Biology: cell structure and function, specialization, tissue structure and function</p> <p>Unit 2: Learning aim A titration and colorimetry practicals</p>	<p><b>CONTENT</b></p> <p>Unit 1: Section A – Chemistry: structure and bonding, production and uses of substances</p> <p>Unit 2: learning aim B and C: studying cooling curves and chromatography techniques</p>	<p><b>CONTENT</b></p> <p>Unit 1: Section C – Physics: working with waves, communication and electromagnetic waves</p> <p>Unit 2: completion of Learning aim C – chromatography techniques and learning aim D: a review of personal development in scientific skills</p>
<p>Year 13</p> <p>Unit 3: science investigation skills (CONTROLLED ASSESSMENT)</p> <p>Unit 8: Physiology of human body systems (ASSESSMENT UNIT)</p>	<p><b>CONTENT</b></p> <p>Unit 3: learning aims A, B, C and D – planning a scientific experiment, data collection, processing analysis and interpretation, conclusions and evaluation and enzymes in action</p> <p>Unit 8: learning aim A, and B – understanding disorders of the musculoskeletal system and lymphatic system</p>	<p><b>CONTENT</b></p> <p>Unit 3: learning aims E and F – Diffusion and plants and their environments</p> <p><b>CONTROLLED ASSESSMENT</b></p> <p>Unit 8: learning aim C – understanding disorders of the digestive system</p>	
	<p><b>ASSESSMENTS</b></p> <p>End of topic test for Unit 1 Assignment brief for unit 2 Research evidence for unit 3 Assignment brief for unit 8</p>	<p><b>ASSESSMENTS</b></p> <p>End of topic test for Unit 1 Assignment brief for unit 2 Research evidence for unit 3 and Controlled assessment to be sat Assignment brief for unit 8</p>	<p>End of topic test for Unit 1 and unit exam to be sat in May Assignment brief for unit 2</p>
	<p><b>HOW PARENTS CAN SUPPORT LEARNING</b></p> <p>Ensuring your child completes assignment briefs by the deadline set and reviews all content taught for exam based unit. Complete all homework tasks and ensure all necessary resources are bought to every lesson Use of online text book to help reinforce and research ideas and concepts</p>	<p><b>HOW PARENTS CAN SUPPORT LEARNING</b></p> <p>Ensuring your child completes assignment briefs by the deadline set and reviews all content taught for exam based unit. Complete all homework tasks and ensure all necessary resources are bought to every lesson Use of online text book to help reinforce and research ideas and concepts</p>	<p><b>HOW PARENTS CAN SUPPORT LEARNING</b></p> <p>Ensuring your child completes assignment briefs by the deadline set and reviews all content taught for exam based unit. Complete all homework tasks and ensure all necessary resources are bought to every lesson Use of online text book to help reinforce and research ideas and concepts</p>

