



Curriculum Map



Subject: Science – BTEC APPLIED SCIENCE

Year group: 13

	Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1	Summer 2
Content <i>Declarative Knowledge – ‘Know What’</i>	Unit 3: Science investigative skills Unit 8: Musculoskeletal disorders	Unit 3: Science investigative skills Unit 8: Impact of lymphatic disorders and associated treatments	Unit 3: Science investigative skills Unit 8: Nutrition and health	Unit 3: Science investigative skills.		
Skills <i>Procedural Knowledge – ‘Know How’</i>	Further development of scientific processes and techniques and their application. Evaluation of quantitative and qualitative data.	Further development of scientific processes and techniques and their application. Evaluation of quantitative and qualitative data.	Further development of scientific processes and techniques and their application. Evaluation of quantitative and qualitative data.	Further development of scientific processes and techniques and their application. Evaluation of quantitative and qualitative data.		
Key Questions	How to develop a hypothesis for an investigation What are the different variables in an investigation? What is the most appropriate equipment to use in an investigation? How does the structure of the musculoskeletal	How to develop a hypothesis for an investigation What are the different variables in an investigation? What is the most appropriate equipment to use in an investigation? How does the structure of the lymphatic system relate to the function of the lymphatic system.	How to develop a hypothesis for an investigation What are the different variables in an investigation? What is the most appropriate equipment to use in an investigation? How does the structure of the digestive system relate to its function? How developments in medicine have allowed	How to develop a hypothesis for an investigation What are the different variables in an investigation? What is the most appropriate equipment to use in an investigation?		



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	<p>system relate to its function? How developments in medicine have allowed treatments for musculoskeletal issues to be treated.</p>	<p>How health problems can arise as a result of damage or issues associated with the lymphatic system.</p>	<p>treatments for digestive disorders to be treated.</p>			
Assessment	<p>External assessment - Unit 3 exam, written assessment.</p> <p>Completion of Unit 8 coursework</p>	<p>External assessment - Unit 3 exam, written assessment.</p> <p>Completion of Unit 8 coursework</p>	<p>External assessment - Unit 3 exam, written assessment.</p> <p>Completion of Unit 8 coursework</p>	<p>External assessment - Unit 3 exam, written assessment.</p>		
Literacy / Numeracy / SMSC / Character	<p>Interpretation and analysis of data. Evaluating results and producing a written report on a practical method.</p> <p>Research and visits to different healthcare professionals to establish their role in treating musculoskeletal disorders.</p>	<p>Interpretation and analysis of data. Evaluating results and producing a written report on a practical method.</p> <p>Research and visits to different healthcare professionals to establish their role in treating lymphatic disorders.</p>	<p>Interpretation and analysis of data. Evaluating results and producing a written report on a practical method.</p> <p>Research and visits to different healthcare professionals to establish their role in treating digestive disorders.</p>	<p>Interpretation and analysis of data. Evaluating results and producing a written report on a practical method.</p>		