



BTEC – YEAR 13 – BTEC SCIENCE – CURRICULUM OVERVIEW

Autumn Term		Spring Term		Summer Term
Autumn 1	Autumn 2	Spring 1	Spring 2	Summer 1
Key Themes	Key Themes	Key Themes	Key Themes	Key Themes
<p>Unit 4: Practical Scientific Procedures and Techniques <u>Undertake Physical Procedures to Examine Energy Transfer</u></p> <ol style="list-style-type: none"> 1) Transfer of Thermal Energy 2) Transfer of Energy Through Electrical Circuits 3) Transfer of Energy Through a Renewable Source 	<p>Unit 4: Practical Scientific Procedures and Techniques <u>Review Personal Development of Scientific Skills for Laboratory Work</u></p> <ol style="list-style-type: none"> 1) Personal Responsibility 2) Interpersonal Skills 3) Professional Practice <p>Unit 5: Science Investigation Skills <u>Undertake a Literature Search and review to Produce an Investigative Project Proposal</u></p> <ol style="list-style-type: none"> 1) Literature review 2) Investigative Project Proposal 3) Methods of Data Collection and Analysis 	<p>Unit 5: Science Investigation Skills <u>Produce a Plan for an Investigative Project Based on a Proposal</u></p> <ol style="list-style-type: none"> 1) Project Scheduling 2) Project Planning 3) Health and Safety and Ethical Considerations 	<p>Unit 5: Science Investigation Skills <u>Safely Undertake the Project, Collecting, Analysing and Presenting the Results</u></p> <ol style="list-style-type: none"> 1) Experimental Procedures and Techniques 2) Collect, Collate and Analyse Data 3) Data Presentation 	<p>Unit 5: Science Investigation Skills <u>Present the Conclusions from the Project Using Correct Scientific Principles</u></p> <ol style="list-style-type: none"> 1) Scientific Report for the Investigative Project 2) Scientific Evaluation of Findings 3) Skill Development Within Project Work
Assessment /	Assessment /	Assessment /	Assessment /	Assessment /



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Composite Tasks	Composite Tasks	Composite Tasks	Composite Tasks	Composite Tasks	