

Qualification structure

Edexcel BTEC Level 1/2 First Award in Principles of Applied Science is spread over a two year vocational course. The course is graded at Level 2 Pass, Level 2 Merit, Level 2 Distinction, Level 2 Distinction*, Level 1 and Unclassified.

Beckmead Family of Schools Curriculum Information			
BTEC Level 1 Creative Media Production			
	Autumn	Spring	Summer
Year 10	<p>Unit 1: Principles of Science In this unit you will:</p> <ul style="list-style-type: none"> • Explore cells, organs and genes • Explore the roles of the nervous and endocrine systems in homeostasis and communication • Explore atomic structure and the periodic table 	<p>Unit 1: Principles of Science In this unit you will:</p> <ul style="list-style-type: none"> • Explore substances and chemical reactions • Explore the importance of energy stores, energy transfers and energy transformations • Explore the properties and applications of waves in the electromagnetic spectrum. 	<p>Unit 2: Chemistry and Our Earth In this unit you will:</p> <ul style="list-style-type: none"> • Investigate chemical reactivity and bonding • Investigate how the uses of chemical substances depend on their chemical and physical properties • Investigate the factors involved in the rate of chemical reactions • Understand the factors that are affecting the Earth and its environment.
	<p>Assessment:</p> <p>Unit 1</p> <ul style="list-style-type: none"> • This unit is assessed externally using a paper-based exam marked by Edexcel. • The external assessment will be 60 minutes with 54 marks to be achieved. • The assessment must be taken by the learner under examination conditions. • The paper will consist of three sections. Section A will be biology, Section B will be chemistry and Section C will be physics. <p>Exam Dates – November, March, May</p>		<p>Assessment:</p> <p>Unit 2</p> <ul style="list-style-type: none"> • This unit is internally assessed through students completing assignments. Each assignment is based around the students demonstrating and presenting their knowledge in different formats. (Presentations, experiments worksheet and observation records)

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	Autumn	Spring	Summer
Year 11	Unit 3 In this unit you will: <ul style="list-style-type: none">• Understand ionising radiation, its uses and sources• Know how electrical energy produced from different sources can be transferred through the National Grid to homes and industry• Know the components of the Solar System, the way the Universe is changing and the methods we use to explore space.	Unit 4 In this unit you will: <ul style="list-style-type: none">• Investigate the relationships that different organisms have with each other and with their environment• Demonstrate an understanding of the effects of human activity on the environment and how these effects can be measured• Explore the factors that affect human health.	Units 2,3 & 4 This gives pupils a chance to catch up on any outstanding assignment task.
	Assessment: Unit 3 and 4 These units are internally assessed through students completing assignments. Each assignment is based around the students demonstrating and presenting their knowledge in different formats. (Presentations, experiments worksheet and observation records)		

For further information, please contact your child's teacher or Head of School