



<b>Agriculture:</b>	Livestock Anatomy: students will study digestion in ruminants and non ruminants and sexual reproduction in mammals
<b>Art and Design:</b>	Natural Forms: students will continue to research the work of existing artists and be able to make connections to the work of other artists
<b>Business Studies:</b>	'Making the business effective': students will study how businesses use market segmentation to target customers based on location, demographics, lifestyle, income and age
<b>Child Development:</b>	Unit 1: students will continue with the introduction to working with children aged 0-5 years. They will learn to identify and respond to individual needs of children and reflect upon the role of the early years professional in meeting needs
<b>Computer Science:</b>	Students will be able to describe the role of the CPU and explain the process of the fetch-decode-execute cycle. They will also be able to determine the role of main memory and secondary storage. Pupils will then look at Boolean logic, the logic gates AND, NOT and OR, and be able to construct logic diagrams and truth tables. In programming, pupils will start to look at selection and iteration as two of the three programming constructs
<b>Design and Technology:</b>	Theory lessons: students will study technology in engineering. They will complete exam questions and learn about: manufacturing, smart robots, tracking and communications. Students will also design wildlife houses built on the specific needs of a client
<b>Drama:</b>	'Romeo and Juliet': students will explore the text in a practical way and create a dynamic and original version of the play
<b>English:</b>	'A Christmas Carol': students will study Dickens' novel in preparation for their GCSE Literature exam. Language skills (Paper 1) will be interspersed within the unit
<b>Food and Nutrition:</b>	Cooking methods: students will learn about a range of cooking methods and the pros and cons of using each method. They will carry out practical sessions demonstrating a range of cooking methods
<b>French:</b>	Regions in the French Speaking World: students will learn about different types of homes, the advantages and disadvantages of living in different areas and accommodation
<b>Geography:</b>	Hazardous Earth: students will have an understanding of the global circulation of the atmosphere and changing climate. They will also undertake two depth studies of an extreme weather hazard
<b>Graphics:</b>	Students will explore the work of relevant designers to create a range of different digital portraits. They will continue to develop their understanding of how to create accurate drawings through the use of digital applications
<b>Health and Social Care:</b>	Component 1: students will learn about human lifespan development, and understand the factors which affect human growth and development
<b>History:</b>	British depth studies - Norman England, c1066-c1100: students will study the arrival of the Normans and the establishment of their rule
<b>Maths:</b>	Developing Algebra: students will study simultaneous equations and representing solutions of equations and inequalities
<b>Music:</b>	Students will study Williams and Bach and learn about the role of music in film and the Concerto Grosso and other stylistic features of the Baroque era
<b>Personal Development:</b>	Equality: students will learn about equality in a range of environments such as the workplace, society and relationships. They will also consider vulnerable groups and power and control
<b>PE:</b>	Students will partake in a range of activities such as: football, rugby, badminton, basketball and netball
<b>RE:</b>	Christianity and Buddhism: students will know and understand that the religious traditions of Great Britain are mainly Christian, but also diverse and include religious and non-religious traditions
<b>Science:</b>	Students will continue to study: mains electricity, particle model of matter, bonding, making salts, quantitative, the heart and circulatory system, the nervous system, the endocrine system and evolution
<b>Spanish:</b>	Students will learn about current and future study and employment. They will also learn about free-time activities such as: music, cinema, TV, food and eating out and sport
<b>Sport BTEC:</b>	Students will continue with practicals on warm ups and leading sessions and in theory, will be learning the component 1 topics, of sports sectors, equipment use in sport, leisure provision