Year 10 Overview of Learning	This term we are learning about "Who are we?"		Our Change Maker principle, this term is 'Bravery'

English – GCSE or Entry Level	Maths – GCSE or Entry Level	Science – GCSE or Entry Level	iMedia Cambridge Nationals or Performing Arts BTEC	PSHE/RSE & Personal Development

Y10 GCSE (Eduqas GCSE English Literature) In Year 10 this term, young people on the GCSE pathway will explore William Shakespeare's 'Macbeth' as part of their Eduqas GCSE English Literature course. They will study key scenes in detail, considering how Shakespeare presents ideas such as ambition, power, fate, and guilt. This will involve close reading of the text, analysis of language and structure, and discussion of how the play reflects wider social and historical contexts. Young people will also be supported in building essay-writing skills, focusing on clear, well-structured responses to exam-style questions. They will practise planning and writing analytical paragraphs, linking ideas to the text and showing an understanding of how Shakespeare's choices influence the audience.	**GCSE** In Year 10, students build on their mathematical foundations through a focused unit on Proportional Reasoning, which equips them with essential skills for interpreting and solving real-world problems. They explore equivalent ratios and learn to work out parts and wholes, applying these concepts to practical contexts such as reading scales and maps, calculating speed, distance and time, and understanding density and flow. Pupils also tackle scaling problems, exchange rates, and conversions between miles and kilometres, while developing fluency in interpreting direct proportion graphs and comparing direct and inverse relationships. To support mastery, students engage with exam-style practice papers and graded skill sheets, allowing them to consolidate their learning, track progress, and prepare confidently for assessments. **Maths FSEL** This half term we will continue to work on the	**Science ELC** This half term we will be continuing the module The Human Body – How the body works. We will be exploring health and fitness and the different factors that can affect it, such as smoking, diet, exercise and illness. Learners will be investigating and comparing the fitness of different members of the group and presenting results as a graph and drawing conclusions. Learners will also be using their practical skills to investigate the amount of energy contained within different types of food. They will use their knowledge and understanding of energy and calories to make predictions and draw conclusions based on their findings **GCSE Biology** This half term we begin our study of the Organisation topic.	**Computer Science** This half-term, Year 10 will be studying **Data Representation** as part of their GCSE Computer Science course. The unit begins with exploring **character sets**, where pupils learn about ASCII, its limitations, and how **Unicode** allows computers worldwide to represent a much wider range of characters and symbols. Students will then move on to how **images are stored in binary**, understanding concepts such as bit depth, resolution, and file size, before learning how to read and even draw simple graphics from binary data. This is followed by studying how **sound is represented in binary**, including the role of bit depth and sample rate in determining audio quality and file size. Finally, the class will explore **data compression**, comparing lossy and lossless methods, and learning why different formats (such as JPG, PNG, MP3, and WAV) are used in	**PSHE** This half term, Year 10 will be exploring some of their own personal strengths, qualities and skills and reflect on how we can identify and recognise these attributes in others. They will then progress to thinking about how their skills and strengths can be used to enhance their skills for learning, considering how they most like to learn and the importance of target setting in achieving short and long term goals while managing with the pressure that setting ambitious targets can bring

Y10 FSC Entry Level This term all the pupils will be working on improving their basic skills in the following areas: Grammar and Punctuations Writing emails and reports. Working on their comprehension skill. How to structure them. Practising examination techniques by doing various passed papers. Planning and writing stories. Building on their vocabulary. They will be assessed **once a week**.	operations (+ - x and division). **Addition** – Adding 2- and 3-digit numbers with 2-digit numbers. The same with **Subtraction**. We have also introduced in **Addition** and **Subtraction** Decimal numbers which will challenge the pupils as they need this skill when buying and selling goods. **Multiplication** and **Division** with 3 and 2 digit-numbers. Decimals numbers are also introduced to see how they get on. Our main topic this term is the Y10 NC support on **Algebraic Manipulations** which is replacing letters with numbers. The pupils progress will be monitored **once a week** by completing past papers in preparation for their exams.	Learners will explore the hierarchy of organisation from cells to organ systems, looking more deeply into the digestive system and the circulatory system. Students will practically investigate the effect of pH on amylase action, presenting their results as a graph, drawing conclusions and applying their knowledge and understanding to explaining the results. We will also be delving into pant tissues and organs, identifying how leaves are adapted for photosynthesis and how substances are transported around plants. Throughout the topic young people will be practicing exam style questions on their learning in order to support exam preparation. **GCSE Science** This half term we will begin our study of the GCSE Science Chemistry topic, Atomic Structure and the Periodic Table.	different situations. The unit concludes with an **end-of-unit assessment** and review. **Creative iMedia** This half-term, Year 10 will be focusing on **Creative iMedia R094 – Visual Identity and Digital Graphics**, building on their knowledge of digital design and preparing for their **Non-Exam Assessment (NEA)** project. The unit begins with a recap of the key requirements of R094, including how to respond to a **client brief**, produce **design sketches**, and use tools such as Photopea to create digital graphics. Students will practise these skills through the "Chocoindulgence" project brief before launching their official NEA. Once the NEA project is introduced, pupils will learn how to analyse a brief, understand the marking criteria, and identify the needs of their client. They	

		This topic introduces students to the fundamental building blocks of matter. They will explore concepts such as atoms, elements, and compounds, as well as the organisation of the periodic table based on atomic structure. Required practical's include conducting experiments to observe atomic structure and changes in states of matter, enhancing hands-on learning. To support exam preparation, students will engage in past paper questions and exam-style assessments, ensuring they are familiar with the format and expectations. This topic lays the foundation for a deeper understanding of chemistry and its applications in everyday life.	will then produce **pre-production documents**, such as mind maps and mood boards, to plan their ideas. Finally, students will design and complete a **visualisation diagram**, showing how their digital product will look. All evidence will be added to their coursework portfolio. **Performing Arts** There are 3 units to composing Arts: Performance, Composition and the music industry. We will continue looking at the performance unit where students have researched songs, chosen one to perform, created a rehearsal timetable, performed their piece to an audience and then evaluated it against success criteria	

History – GCSE	BTEC Home Cooking Skills	Physical Education	Careers
This half term students will be continuing with the unit on medicine through time by moving onto the developments in the 18th and 19th century. We will cover an overview of the major diseases of the period, before focusing on the work of key individuals such as Edward Jenner and the smallpox vaccine, Louis Pasteur and his work on Germ Theory and the German Robert Koch who further developed Pasteur's work. We will then move into looking at surgery in the period and the challenges of pain, blood loss and infection and the work of Lister and Carbolic Acid and Simpson and Chloroform.	**BTEC Home Cooking Skills Level 1.** This half term, our food curriculum focuses on exploring staple foods and healthy eating through hands-on cooking and food theory. In Week 1, students will be introduced to the Autumn 1 topics, beginning with an exploration of different types of bread before making their own bread rolls. Week 2 builds on this with a practical session making homemade pizza dough. In Weeks 3 and 4, we shift to soups, comparing shop-bought versus homemade options and preparing both spicy tomato and chicken noodle soups. Weeks 5 and 6 focus on pasta, broadening students' understanding of pasta dishes beyond Spaghetti Bolognese by exploring mac & cheese and then preparing a classic spaghetti Bolognese. Finally, in Week 7, we look at the importance of vegetables in a healthy diet, learning about their nutritional benefits before making a hearty vegetable curry. This engaging and practical curriculum encourages students to build kitchen confidence, explore food choices, and develop an understanding of balanced meals.	Young people will be advancing their skills in invasion games. They will continue to work on skills such as passing, shooting, tackling and marking. Young people will be focusing on tactics, including creating and denying space and adapting strategies during gameplay. They will expand this further to build on their leadership skills and how they manage situations under pressure. There will be opportunities to build on officiating knowledge as well as analysing their own skills and techniques. Time will be given for reflection and support given to identify what and how improvements can be made during practice and gameplay.	Year 10 will focus on refining career ambitions and balancing expectations within the workplace. We will encourage students to explore and articulate their aspirations more clearly. They will acknowledge their achievements and learn from past experiences. As the term progresses, they will discuss the importance of balancing ambition with workplace realities and will address the causes and management of workplace stress. Students will then develop stress management strategies, including sleep hygiene and work-life balance. Students will respond positively to feedback and consider personalised pathways based on their interests and ambitions.