Year 10 Overview of Learning	This term we are learning about "What makes our world?"		Our Change Maker principle, this term is 'Love' 

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 Focus: Spoken Language Presentations and Building Skills for GCSE Success This term, our young people are completing an important part of their English Language GCSE — the Spoken Language presentation. They will plan, prepare, and deliver a short speech on a topic they are passionate about, helping them to develop their confidence in public speaking, organising ideas, and presenting arguments clearly. Although it does not contribute to their final grade, it is a required element of the course and an excellent way to build communication skills. Alongside this, we are continuing to prepare for the AQA English Language exams next year by	GCSE **Graphs:** Understand and plot coordinates in all four quadrants. Interpret and draw straight-line graphs from linear equations. Determine the gradient and intercept of linear graphs. Explore real-life applications of linear graphs, such as distance-time relationships. **Sequences:** Identify and generate arithmetic sequences. Determine the nth term of a linear sequence. Recognize and describe geometric sequences. Apply sequences to solve practical problems. **Handling Data:** Collect, organize, and represent data using various charts and graphs, including bar charts and histograms.	**GCSE Biology** <u>Defending against Pathogens</u> Following on from our last half terms learning around pathogens and how these can spread and cause illness, in this topic, students learn about how our bodies defend themselves against harmful microorganisms and how science helps us to prevent and treat diseases. Students study how the immune system works, including the role of white blood cells and how vaccines help to protect us from future infections. They'll also learn how medicines, such as antibiotics, are used to treat diseases—and why antibiotic	GCSE Computing Students will begin learning for Paper 2, Programming Concepts They will learn how to use Python to create, edit and debug code through a range of programming assignments that will get increasingly challenging They will learn how to declare variables, work with conditional statements and loops Performing Arts The assignment brief for this term is for each student to create a	PSHE Students will be looking at the following topics this half term: What is mental health and how can I improve my mental health, staying calm and managing my emotions and First Aid.

practising analysis of non-fiction and fiction texts, creative writing, and evaluation skills. Everything we are doing this term is designed to build strong foundations for Year 11. We are really proud of the progress our young people are making and are excited to see their continued development. Entry Level / Functional Skills Focus: Consolidating Skills and Preparing for Final Assessments This term, our young people working towards Entry Level 2 and Entry Level 3 English are focusing on pulling together everything they have learned so far. We are revisiting key skills such as reading for meaning, finding information in texts, understanding language features, and writing for a range of everyday purposes — like letters, emails, and simple articles. We are placing a real focus on building confidence through regular practice and small assessment tasks. Young people will have lots of opportunities to practise under supportive conditions, helping them to feel ready for their final qualifications next	Calculate measures of central tendency (mean, median, mode) and dispersion (range). Interpret statistical diagrams and data distributions. Understand and apply basic probability concepts. **Proportion:** Solve problems involving direct and inverse proportion. Use ratios and fractions to compare quantities. Apply proportional reasoning to real-life contexts, such as scaling recipes or maps. Understand and construct equations representing direct and inverse proportion relationships. **Transformations:** Perform and describe translations, reflections, rotations, and enlargements on the coordinate plane. Understand the properties of shapes under transformations, including congruence and similarity. Combine multiple transformations and describe the resulting effect. Apply transformations to solve geometric problems. **Entry Level** **Perimeter:** Understand the concept of perimeter as the total length around a 2D shape. Calculate the perimeter of simple shapes, including rectangles and squares, by summing the lengths of their sides.	resistance is becoming an important global issue. The topic also covers the development and testing of new drugs, from discovery to clinical trials, giving students insight into real-world science and healthcare. By the end of the topic, students will have a deeper understanding of how the body fights disease and how scientific advances play a crucial role in protecting public health	portfolio of work demonstrating how they would organise a musical event to showcase 'Transport'. It will include advertising and promoting the event, choosing the artists/music for it, staffing the event and costings and timings Creative iMedia Students will begin learning the content for the written exam to be taken at the end of Year 11. They will explore the types, purpose and uses of a range of pre-production documents	

term. We are incredibly proud of how hard they have worked this year, and we will continue to guide them every step of the way as they prepare for this important milestone.	Apply perimeter calculations to real-life scenarios, such as determining the length of fencing required for a garden. **Area:** Comprehend the concept of area as the amount of space covered by a 2D shape. Calculate the area of rectangles and squares using appropriate formulas. Apply area calculations to practical situations, such as determining the amount of paint needed for a wall. **Volume:** Grasp the concept of volume as the amount of space occupied by a 3D object. Calculate the volume of simple solids, such as cuboids, using the formula length × width × height. Apply volume calculations to everyday contexts, like determining the capacity of a box.			

History – GCSE	BTEC Home Cooking Skills	Physical Education	Careers	Sports Studies
This half term we will continue the second unit, Early Elizabethan England. We will cover the launch of the Armada and why it ultimately failed. We will then look at the developments in education and leisure under Elizabeth I and the changing attitudes towards the Poor. We will then explore the age of exploration with figures such as	This half term, students are honing their culinary skills by practicing various dishes in preparation for their upcoming assessments. Following this practice period, they will undertake their practical assessments, showcasing the techniques and recipes they have mastered.	During this half term, students will be focussing on Athletics. Firstly, they will be looking at the mechanics of running, then implementing this into running 800/1500m races. This will also have included in it, aspects of pacing and sprinting. They will master the technique for the long jump and the javelin looking at getting the furthest distance possible. They will then participate in a mini athletics	This half term, your child will be developing important skills for their future career. They will learn what a career action plan is and create one of their own to help set goals and plan next steps. Pupils will also explore their rights and responsibilities in the workplace and how to manage challenges and setbacks they may face.	During this half term students will be looking at improving performance as an athlete, researching what a training drill is, creating their own and implementing them together as a class, so they have a visual of what these drills look like in real life. They will also be looking further into practise, specifically types of

Drake and Raleigh, developments in ship design and navigation, and the attempts to set up a colony in Virginia		event, participating in all events that they have been involved with.	Additionally, they will reflect on how different people balance work and life, helping them think about their own future wellbeing and ambitions.	practises, and the differences between whole and part practise. They will have experiences in planning sporting activities, how to do these safely and how best to organise this. Finally, they will be developing their knowledge on what a good leader looks like, and how that looks in their own philosophy.