

# Autumn 1 Subject Information

## Year 10

<b>English</b>	Students will begin the year by studying Shakespeare's tragedy 'Macbeth' - a study of the full text for the Literature GCSE including in depth analysis of key scenes and an introduction to formal GCSE essay writing skills. Parents can support at home by asking questions about what students have read in class and asking them to recall information about the key characters and plot points of the play. Students will also need their own copy of 'Macbeth' to support their GCSE study - details of where/how to purchase are on the Year 10 welcome letter.
<b>Maths</b>	<ul style="list-style-type: none"> <li>- Foundation: Fractions, decimals and percentages; simple and compound interest; probability.</li> <li>- Higher: Upper and lower bounds with error intervals; simultaneous equations; surface area and volume.</li> <li>- Higher with Statistics: Upper and lower bounds with error intervals; simultaneous equations; surface area and volume.</li> </ul>
<b>Science</b>	<p>Students will be completing the following units:</p> <ul style="list-style-type: none"> <li>- B7 Ecology</li> <li>- C4 Chemical Changes</li> </ul> <p>Their first assessment point is in the week beginning 13th October</p>
<b>Education for Life</b>	<p>This half term we are focussing on <b>Health and Wellbeing</b>. The programme consists of Education for life lessons, tutor sessions and assemblies. Please see below for a brief outline of what each year group will be studying this half term:</p> <p><b>Exploring Influence</b></p> <p>In this unit, students will be exploring the concept of risk taking. They will investigate the impacts of drug taking and the effects these have to individuals and society. They will also explore substance abuse further in society, such as at festivals. Finally, students will investigate the causes and impacts of offending.</p>
<b>Core Pe</b>	Our Core PE year 10 students will engage in our option programme where students have selected a pathway of sports and activities to follow to encourage engagement, enjoyment and life long love of sport. This term's activities are: Team games, Cross fitness, Net/wall games and dance
<b>Art</b>	Year 10 Art and Photography Students start their first unit of coursework - Visual Language. Students work through the 4 Assessment Objectives over a term and a half prior to sitting their year 10 5 hour exam. This unit forms the first part of the coursework (NEA) which makes up 60% of student final GCSE grade
<b>AQA award</b>	Introduction to the Award and units in Maths, English and History

## Autumn 1 Subject Information

<b>Business Studies</b>	Putting a business idea into practice: Students will learn the different aims and objectives that businesses have and how they shape their identity. They will also start to look at business finance and how businesses monitor their financial position.
<b>Computer Science</b>	Students will learn about the importance of network security, different threats and vulnerabilities like malware and weak passwords, and methods for protection, such as firewalls, access control, and physical security. This topic is assessed in the written exam and focuses on understanding how networks are protected from unauthorized access and other cyber threats.
<b>Dance</b>	Year 10: <b>Theory:</b> Analysis of Shadows, choreographed by Christopher Bruce <b>Practical:</b> Contact improvisation, using the Anthology work 'Within Her Eyes' as a stimulus
<b>Design Technology</b>	Students are being taught units 1, 3 and 5 of the core content. This covers a wide range of topics from mechanical devices all the way to ethical and moral considerations in design.
<b>Drama</b>	The students are analysing the play Blood Brothers and starting to apply their understanding of the text into answering exam questions. The range of exam questions will be discussed from areas such as costume design, directing to social, historical and cultural content questions. Practically, students will be looking at different modern day practitioners such as "the paper birds" and "frantic assembly" to support them with their Devising Drama NEA that will commence this academic year.
<b>Food &amp; Nutrition</b>	Students are focusing their learning on macronutrients including the nutritional value and functional and chemical properties.
<b>Geography</b>	We start Year 10 by looking at the 'Living World'. This scheme of work explores different ecosystems around the world, and their characteristics including plant and animal adaptations. We look at the relationship between humans and the physical environment where we explore the opportunities and challenges within the Tropical Rainforest and Desert areas and why these areas are of significant importance.
<b>Health and Social Care</b>	Students will be introduced to the course and the types of services offered by Health and Social Care settings. They will learn about the rights of service users and the benefits of these to a service user's health and wellbeing. Students will also be introduced to the different life stages and key milestones of growth and development for different age groups.
<b>Hospitality &amp; Catering</b>	Students are revisiting the nutritional needs of different life stages before commencing their Controlled Assessment. The Controlled Assessment requires the student to plan and prepare a meal for two customers identified in a brief provided by the exam board and makes up 60% of their overall final grade.
<b>History</b>	Year 10 will be learning about their next topic in their GCSE: Britain, Health and the people. We will be taking them right back to the Middle Ages and Renaissance period

## Autumn 1 Subject Information

	to discover what people understood about disease and infection. From curious cures to disastrous surgery, we will be evaluating the impact of medicine through time.
<b>IT</b>	Students are commencing a piece of controlled assessment which will involve them designing, creating and testing a spreadsheet to meet the requirements of a client brief
<b>Media</b>	Advertising: we compare a contemporary advert (NHS 111) and a historical advert (Quality Street, 1950s) to explore how the adverts promote the product or idea, and the concept of representation.
<b>French, German or Spanish</b>	<b>Theme: Lifestyle and Wellbeing</b> In this unit, students explore topics related to their lifestyle, including diet, daily routines, and sports. They will discuss what they currently do, what they have done in the past, and what they plan to do in the future to improve their wellbeing. Students will use the past, present, and future tenses, along with complex opinions and modal verbs to express their ideas in more detail.
<b>Music</b>	Year 10 will complete a baseline, assessing core listening skills from year 9. They will then proceed to study Area of study 1 which encompasses The Coronation Anthems and Oratorios of Handel, The Orchestra Music of Haydn, Mozart, and Beethoven, the piano music of Chopin and Schumann and the Requiem of the late romantic period. This will be studied through listening tasks, composition projects and group performance. All students will be expected to prepare a solo performance for the end of the half term.
<b>RE</b>	Year 10 will be deepening their understanding of Islam this term. Explaining their origins, key practices, traditions and beliefs.
<b>Examination PE</b>	<b>GCSE</b> students will be fully inducted to GCSE PE, they will be looking at theoretical and practical elements of the course. Practically they will be looking at a range of sports such as netball and handball to go towards a mark for one of their three activities required for GCSE PE. In the classroom we will be starting with the musculoskeletal system, learning all about the muscles, bones and joints and how they work together to produce movement in sport.  <b>Sport Studies:</b> With the introduction of their new course Sport Studies they will be starting with the exciting and up to date Unit of Sport in the Media looking at how digital and social media has and continues to have an impact on sport, they will produce 3 pieces of coursework between now and the end of the term where this will be marked and their grade secured.
<b>Photography</b>	Year 10 Art and Photography Students start their first unit of coursework - Visual Language. Students work through the 4 Assessment Objectives over a term and a half prior to sitting their year 10 5 hour exam. This unit forms the first part of the coursework (NEA) which makes up 60% of student final GCSE grade

## Autumn 1 Subject Information

<b>Psychology</b>	<p>Now that students have completed the content for Paper 1, they will begin studying Paper 2, starting with the topic Social Influence. In this module, students will explore how individuals' thoughts, feelings, and behaviours are affected by others.</p> <p>Key areas include conformity, obedience to authority, and resistance to social pressure. Students will examine classic psychological studies (such as those by Asch, Milgram, and Zimbardo), learn about factors that affect social influence, and discuss how these concepts apply to real-world situations. The topic also encourages critical thinking and the development of evaluation skills through the study of research methods and ethical considerations.</p>
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