

The Constance Bridgeman Centre - Year 11: Autumn 1.2

English	Maths	Science
In English this half term students will be studying Perspectives and Power: Analysing Voices from History. Students will explore a range of non-fiction and literary non-fiction texts, investigating how writers communicate viewpoints and influence their audiences. They will develop their reading skills by retrieving information, making inferences and comparing ideas across different texts, while considering how language, tone and context shape meaning. Throughout the unit, students will strengthen their analytical writing by selecting relevant evidence and explaining the effects of a writer's methods in preparation for GCSE English Language Paper 2.	In In Maths this half term students will build on their algebraic understanding by exploring inequalities and simultaneous equations. They will solve increasingly complex inequalities, represent solutions on number lines and apply their learning to real-life situations and worded problems. Students will then solve simultaneous equations using substitution and elimination methods, interpreting solutions both algebraically and graphically. Alongside this, they will further develop their understanding of probability by investigating combined events, conditional probability and expected outcomes. Using tree diagrams, Venn diagrams and two-way tables, students will calculate probabilities systematically and apply their knowledge to practical contexts, developing their problem-solving, reasoning and decision-making skills.	In Science this half term students will investigate analytical chemistry before exploring Earth's atmosphere, climate change and the sustainable use of resources. They will develop practical skills through chromatography and gas testing before studying atmospheric evolution, greenhouse gases, pollution and global warming. Students will also examine renewable and finite resources, water treatment and recycling, recognising how chemistry contributes to solving environmental challenges and supporting a more sustainable future.
Art	Food Technology	Music
In Art this half term students focus on completing and refining their GCSE portfolio. Using previous research, experimentation and feedback, they produce a series of resolved pieces that demonstrate the development of their personal investigation. Students regularly evaluate their work and use reflection to identify strengths and areas for improvement. Sketchbooks are reviewed to ensure annotations clearly show the progression of ideas and the creative process. Through continued refinement and thoughtful presentation, students produce a cohesive portfolio that demonstrates technical skill, creativity and sustained engagement with their chosen theme	In Food Technology this half term students will be studying 'Nutrition, Menu Planning and Practical Application'. Students will revisit the functions of nutrients and the principles of healthy eating, exploring how nutritional needs vary according to age, lifestyle, culture, religion and medical conditions. They will investigate how hospitality and catering providers adapt menus to meet dietary requirements, allergies and customer expectations while promoting healthy choices. Students will also examine the factors that influence menu planning, including cost, portion control, sustainability, presentation and customer preferences. Practical lessons will focus on preparing balanced dishes inspired by cuisines from around the world, developing advanced food preparation, organisation and presentation skills. Students will evaluate their dishes using hospitality and catering terminology, considering nutrition, flavour, presentation and overall customer satisfaction.	In Music this half term students begin Component 2 by exploring the professional and personal skills required within the music industry. They will investigate the importance of communication, teamwork, organisation and safe working practices while reflecting on their own strengths and areas for development. Through practical activities and self-assessment, students will complete skills audits, set targets and create personal development plans. They will also learn how to document and organise evidence using recordings, annotations and digital platforms. The unit encourages independence, professionalism and effective time management while preparing students for the practical skills development required later in the course.
PE	PSHE	Sports Science
In PE this half term students will refine their basketball skills through practical drills, conditioned games and competitive matches. Students will apply advanced dribbling, passing and shooting techniques while developing offensive and defensive strategies, including screening, fast breaks, man-to-man and zone defence. They will make independent tactical decisions, adapting their play in response to different opponents and game situations. Throughout the unit, students will strengthen their communication, leadership and teamwork while evaluating performances and demonstrating resilience during competitive play.	In PSHE this half term students will develop their understanding of Islam and Christianity by exploring the beliefs, practices and values that shape each faith. They will investigate the lives and teachings of the Prophet Muhammad and Jesus Christ, examining how religious beliefs influence worship, moral decision-making and community life. Students will compare sacred texts, festivals and key religious practices while considering how both religions respond to contemporary ethical issues, including justice, charity and forgiveness. Throughout the unit, they will strengthen their religious literacy, challenge misconceptions and develop respect for the diversity of beliefs within modern British society.	In Sports Science this half term students will focus on Fitness. They will learn about the components of fitness required in different sports and understand the principles of training. Students will explore exercise intensity and methods to measure it, including heart rate monitoring and perceived exertion. They will examine the reasons for fitness testing, pre-test procedures, and how to conduct various fitness tests using appropriate equipment. Students will practice interpreting fitness test results and compare them to normative data, applying their knowledge to different sports. Activities include case studies, group work, practical tests, and data analysis to deepen understanding.
Enrichment		
As part of the Enrichment Programme, students will be given the opportunity to experience: Barbering: This half term, students will participate in a barbering programme designed to introduce them to practical hairdressing and barbering techniques while developing transferable employability skills. Students will learn basic barbering skills, including health and safety, client care, tool handling, and fundamental cutting and styling techniques. The programme is closely linked to careers education, providing an insight into the barbering industry and helping students explore potential future education, training, and employment pathways. Throughout the course, students will develop confidence, communication, professionalism, and attention to detail while gaining valuable hands-on experience. Topgolf: Students will also participate in Topgolf sessions, developing hand-eye coordination, accuracy, concentration, and teamwork through a range of fun and engaging challenges. The activity encourages communication, resilience, and healthy competition while promoting physical activity and positive social interaction. Students will also develop problem-solving skills and perseverance as they refine their technique and work towards personal improvement in an enjoyable and supportive environment.		