

The Constance Bridgeman Centre - Year 10: Spring 2.1

English	Maths	Science
In English this half term students will be studying <i>An Inspector Calls</i> by J.B. Priestley. Students will explore the play's social and historical context, analysing how Priestley presents themes such as responsibility, class, gender and social justice. They will examine the development of key characters, evaluate the writer's intentions and learn how dramatic methods shape the audience's response. Throughout the unit, students will develop their analytical writing by constructing well-supported GCSE-style responses using carefully selected textual evidence and subject terminology.	In Maths this half term students will apply their understanding of fractions, decimals and percentages to a range of financial and real-life contexts. They will begin by revisiting key conversions and percentage increase and decrease calculations, before using percentage multipliers to solve more complex problems. Students will then develop their understanding of reverse percentages, finding original values before a percentage change has occurred. This learning will be extended to simple and compound interest, exploring how percentages are used in savings and borrowing. Alongside this, students will develop their graphing skills by plotting coordinates and drawing straight-line graphs from tables of values. They will learn about gradients and intercepts, investigate parallel and perpendicular lines, and interpret distance-time and speed-time graphs to solve practical problems and analyse real-world situations.	In Science this half term students will study how plants obtain and use energy through photosynthesis. They will investigate the factors affecting photosynthesis, plant transport systems and the structure of leaves before exploring how glucose supports plant growth and survival. Practical investigations will allow students to measure the rate of photosynthesis, test leaves for starch and analyse experimental data. Throughout the unit, students will strengthen their understanding of scientific enquiry while recognising the importance of plants in sustaining ecosystems, food production and life on Earth.
Art	Food Technology	Music
In Art half term students continue to develop the theme of identity through increasingly expressive and personal work. Inspired by artists such as Salvador Dalí, Louise Bourgeois and Antony Gormley, students will explore how colour, symbolism, texture and composition communicate meaning. They will refine observational drawing skills and experiment with a broader range of materials and processes, including three-dimensional techniques where appropriate. Through annotation and evaluation, students will review their progress and identify areas for further development. The unit encourages creative risk-taking and supports students in establishing a more individual artistic voice.	In Food Technology this half term students will be studying 'Food Safety and Kitchen Operations'. Students will explore the importance of food safety within hospitality and catering environments, investigating the causes of contamination, cross-contamination and food poisoning. They will learn about safe food storage, preparation and cooking procedures, as well as the purpose of HACCP and risk assessments in professional kitchens. Students will examine how hospitality businesses maintain high standards of hygiene, organisation and workflow while ensuring customer safety. Practical lessons will focus on developing safe and hygienic food preparation skills, alongside organisation, multitasking and time management. Students will prepare dishes inspired by cuisines from around the world, applying food safety knowledge while refining their practical skills and evaluating their work using hospitality and catering terminology.	In Music this half term students will investigate contemporary genres including Jungle and Drum and Bass, Grime, Trap and Drill. Through listening activities and discussion, they will explore how production techniques, rhythm and cultural influences shape modern music. Students will continue to strengthen their analytical skills by using subject-specific vocabulary to compare styles and evaluate recordings. Practical work will focus on music technology, with students creating original ideas using sequencing, sampling and editing techniques in GarageBand and Logic Pro. Ensemble and recording activities will further develop confidence, collaboration and communication while preparing students for future coursework tasks.
PE	PSHE	Sports Science
In PE this half term, students will develop their skills in Handball and Dodgeball through practical activities, conditioned games and competitive challenges. Students will improve their passing, catching, throwing and shooting techniques while applying attacking and defensive principles within fast-paced invasion games. They will develop movement, positional awareness and communication by working collaboratively to create and defend space during gameplay. Throughout the unit, students will evaluate their performances, make tactical decisions under pressure and demonstrate resilience, teamwork and leadership in a variety of competitive situations.	In PSHE this half term students will develop the knowledge and skills needed to navigate an increasingly digital world safely and responsibly. They will explore the influence of artificial intelligence, algorithms and social media, learning how online content can shape opinions, relationships and decision-making. Students will investigate misinformation, deepfakes, cyberbullying, online exploitation and the importance of protecting personal information and digital identity. They will also examine the impact of pornography and unrealistic online content on relationships and self-esteem, developing critical thinking skills and practical strategies for staying safe, respectful and informed online.	In Sports Science this half term this unit introduces students to the essential components and benefits of a proper warm-up. They learn about different types of pulse raisers, stretching activities, and the body's cardiorespiratory and musculoskeletal responses. Students research and demonstrate various warm-up exercises, considering how these can be adapted for different sports and participant needs, such as children or injured athletes. The importance of injury prevention and preparation for exercise is emphasised. Through practical sessions and reflective tasks, students develop skills in planning, delivering, and evaluating warm-ups, while linking physiological knowledge to real-world sports performance and wellbeing.
Enrichment		
As part of the Enrichment Programme, students will be given the opportunity to experience: Flat-Pack Furniture Building: This half term, students will participate in practical sessions focused on building flat-pack furniture. They will develop valuable life skills by following instructions, using tools safely, solving practical problems, and working both independently and collaboratively. The programme aims to build confidence, resilience, and independence while promoting teamwork, communication, and an understanding of everyday practical tasks that support preparation for adult life. Pickleball: Students will also participate in pickleball, developing hand-eye coordination, agility, balance, and teamwork through a fast-paced and inclusive sport. They will learn the fundamental rules, techniques, and tactics of the game while improving communication, decision-making, and sportsmanship. The activity encourages active participation, resilience, and confidence, promoting both physical wellbeing and positive social interaction.		