

Redbridge Alternative Provision - Year 10: Spring 2.1

English	Maths	Science
In English this half term students will explore a range of non-fiction texts, developing their understanding of how writers communicate opinions, perspectives and viewpoints. They will compare texts, evaluate writers' methods and consider how language is adapted for different audiences, purposes and forms. Alongside developing analytical reading skills, students will produce their own transactional writing, including articles, speeches and letters, learning how to present clear, well-supported viewpoints using persuasive language and appropriate tone. Throughout the unit, students will strengthen their ability to read critically, communicate effectively and apply the skills required for GCSE English Language.	In Maths this half term students will develop their numerical reasoning by applying decimals, percentages and graphical methods to practical and mathematical problems. They will calculate percentage increases and decreases, solve reverse percentage problems and investigate financial mathematics, including profit, loss and interest. Students will also construct and interpret graphs, identify gradients and intercepts, and use graphical representations to solve real-life problems. Throughout the unit, they will strengthen their mathematical communication, select efficient solution strategies and develop confidence in applying mathematics to unfamiliar contexts.	In Science this half term students will study Chemical Changes and Bioenergetics. Students will investigate oxidation, reduction and the reactivity series, exploring how metals react and how useful materials are extracted from ores. They will also study acids, alkalis, neutralisation and electrolysis through a range of practical activities. In Biology, students will revisit photosynthesis and investigate the factors that affect its rate. They will explore how plants transport substances and examine the importance of glucose in growth and respiration. Students will analyse data, conduct experiments and develop their understanding of the role plants play in supporting life on Earth.
PSHE	Art	PE
In PSHE this half term students will explore the growing role of artificial intelligence and digital technology in modern society. They will investigate the opportunities and risks associated with generative AI, online misinformation and AI chatbots, while learning how emerging technologies can influence wellbeing, relationships and decision-making. Students will also explore deepfakes, image-based abuse and strategies for staying safe online. This unit encourages students to think critically, use technology responsibly and become informed digital citizens.	In Art this half term students will refine their landscape project through experimentation with a wide range of media, mixed media processes and printmaking techniques. They will investigate mono printing, lino printing and collagraph printing while exploring how different materials and processes communicate texture, atmosphere and visual impact. Through sustained practical investigation, students will develop increasingly personal responses, refining compositions and selecting the most effective techniques to communicate their ideas. Throughout the term, they will evaluate their work through annotation and reflection, strengthening their confidence, independence and creative decision-making as they prepare to begin a new project in urban landscapes.	In PE this half term students will study handball, dodgeball, and badminton, focusing on advanced skills and tactical understanding. In handball and dodgeball, students will develop passing, catching, dribbling, shooting techniques, and defensive teamwork, applying strategies in competitive games. In badminton, students will refine grips, overhead clears, serves, and shot selection, practising singles and doubles play. Activities include structured warm-ups, skill drills, and game-based learning, supported by teacher modelling and group feedback. Emphasis is placed on communication, agility, decision-making, and applying rules to enhance performance and teamwork across all sports.
Food Technology	Geography	History
In Food Technology this half term, students will explore menu planning and how hospitality businesses meet the needs of different customer groups. They will investigate factors such as nutrition, dietary requirements, cost, sustainability and customer expectations, while considering how culture influences menus from around the world. Practical lessons will focus on preparing and presenting dishes from a range of cuisines, developing organisation, time management and presentation skills. Students will evaluate their dishes using hospitality and catering terminology, considering flavour, presentation and customer satisfaction.	In Geography this half term students will begin Unit 2, Topic 4, 'The UK's Evolving Physical Landscape' an overview of the varied physical landscapes in the UK resulting from geology, geomorphic processes and human activity over time. Why distinctive upland and lowland landscapes result from the interaction of physical processes: weathering and climatological, post-glacial river and slope processes. Plus, two in-depth studies of distinctive landscapes, 'Coastal Change and 'Conflict and River Processes and Pressures'. Following this, students will study Topic 5 'The UK's Evolving Human Landscape' an overview of the changing and varied human landscape of the UK and how UK and EU Government policies have attempted to reduce them.	In History this half term students will be studying 'Conflict and Tension 1918-1939' and 'Peacemaking and The League of Nations'. Students will begin by exploring the aims of the peacemakers. Students will then outline the terms of the Treaty of Versailles and the reaction to it. This knowledge will then be used to assess the impact of the treaty and the wider settlement. Following this, students will explain why was the League on Nations created and describe its successes and failures. Finally, students will explain why did the League collapse, describing the Manchurian and the Abyssinian crisis.
Music	Sports Science	Travel and Tourism
In Music this half term students will explore musical traditions from around the world, including Samba, African Drumming and Film Music. They will investigate how rhythm, instrumentation and culture influence different styles and consider how music communicates atmosphere, emotion and identity. Through practical ensemble work and composition activities, students will develop timing, pulse and collaborative performance skills. Digital technology will be used to record and refine musical ideas, while analytical activities will strengthen understanding of musical terminology. Throughout the unit, students will evaluate and improve their work through reflection and feedback, preparing for more sustained coursework activities.	In Sports Science this half term students will complete their PSA controlled assessment for Component 1, demonstrating their understanding of the key principles and knowledge related to the subject. This assessment will enable them to apply theoretical concepts practically, consolidate their learning, and prepare for future coursework and examinations.to sporting success.	In Travel and Tourism this half term students will consolidate their understanding of travel and tourism organisations, destinations and visitor types in preparation for their Component 1 assessment. They will revisit key concepts through case studies and real-world scenarios, applying their knowledge to analyse customer experiences, compare destinations and evaluate how organisations work together within the industry. Students will strengthen their analytical writing, examination techniques and subject-specific vocabulary while developing the confidence to interpret unfamiliar travel and tourism scenarios and communicate well-reasoned responses independently.
Enrichment		
As part of the Enrichment Programme, students will be given the opportunity to experience: African Drumming: In this half term students will explore rhythm, teamwork, and creativity through African drumming workshops led by professional music tutors. They will learn how different rhythms work together, develop listening skills, and build confidence by performing as part of a group. These sessions encourage self-expression, concentration, and communication while introducing students to a new cultural experience.		