

Redbridge Alternative Provision - Year 10: Spring 2.2

English	Maths	Science
<p>In English this half term students will be learning how to critically evaluate text as well as study textual references. This will involve using quotes appropriately and linking them to support statements. Students will participate in a wide range of debates. They will be required to express their views by supporting the argument with evidence. To conclude the unit, students will critically evaluate a biased report. They will be tasked with changing it into a fair report. Students will be reading a variety of texts with the focus being on summarising, predicting and inference.</p>	<p>In Maths this half term students will rearrange algebraic formulas, changing the subject, now to include powers and roots. Students will explore the use of input and output machines, including two stage operations and fractions. Following this, students will transform and describe rotations, reflections, enlargements and translations across both a positive and negative x and y-axis. Finally, students calculate missing probabilities by subtracting known probabilities from 1. Students will carry out experiments and record results, understanding what the results show.</p>	<p>In Science this half term students will explore how plants photosynthesis in order to make food. Plant biology, plant organs and the role of the varying plant tissues will be the main focus. How the plants transport system and its dependence on environmental conditions to ensure that leaf cells are provided with the water and carbon dioxide that they need for photosynthesis will be analysed. They will learn about the two types of respiration and how each type transfers energy to the organism. Pathogens will be investigated to find out why they cause infectious diseases in organisms. The history of the vaccination program and development of antibiotics will be researched.</p>
PSHE	Art	PE
<p>In PSHE this half term, students will study Exploring Influence. They will identify positive and negative role models and analyse the media's impact on perceptions of gang culture. Students will discuss the effects of drugs and alcohol on individuals, families, and communities, and learn strategies to keep themselves and others safe. They will develop skills to manage peer pressure relating to substances, gangs, and crime, including exit strategies for risky situations. Students will explore addiction, dependency, and how to seek help for substance use. Activities include critical thinking, role-play, case studies, and creating practical survival guides.</p>	<p>In Art this half term students will be learning how to investigate urban landscapes through architectural drawing, perspective, and artist research. Students will create mood boards, record urban environments using tonal shading and line, and study contemporary urban artists. They will develop accuracy in one and two-point perspective, explore scale and proportion, and transcribe an artist's style to inform their own expressive and structured cityscape studies.</p>	<p>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.</p>
Geography	Food Technology	History
<p>In Geography this half term, students will study the UK's evolving human landscape by interpreting population distribution and density using maps and demographic data. They will explore urbanisation, suburbanisation, and counter-urbanisation, analysing causes such as migration and economic changes. Students will investigate challenges in urban areas, including social and economic inequalities, housing, and pollution, supported by case studies like London Docklands and Salford Quays. The unit also covers rural depopulation and regeneration strategies. Emphasis is placed on sustainability in urban and rural planning, with students developing skills in data interpretation, map reading, and extended writing linked to real-world examples.</p>	<p>In Food Technology this half term students will be exploring how cereals, sugars, fruits and vegetables are grown, meat and poultry are reared and fish is caught. Students will be identifying primary and secondary processing of wheat and milk. Following this, students will be analysing how industrial and domestic food processing methods are done and what negative effects on nutritional value of foods. Finally, students will then be considering food security, GM foods and environmental issues. As students look at these areas, they will also be making a mixture of products from a range of products including soups, sandwiches and healthy snacks.</p>	<p>In History this half term students will be studying 'Conflict and Tension 1918-1939, The Origins and Outbreak of the Second World War'. Students will begin by exploring Hitler intentions and explaining the way other countries reacted to his foreign policies and rearmament. Following this, students will describe the escalation of tension with the reoccupation of the Rhineland, Anschluss and the Sudeten Crisis. This knowledge will be used to evaluate if the appeasement policy was effective. Finally, students will explain the outbreak of war describing the Nazi-Soviet Pact and the invasion of Poland.</p>
Business Studies	Construction	Sports
<p>In Business Studies this half term students will be studying covering Unit 1, Topic 5 'Understanding External Influences on Businesses'. Students will identify a range of stakeholders and exploring how business activity can impact different stakeholder groups. They will then explore how different technologies are used by businesses and the impact of such technologies on sales, costs and the marketing mix, Finally, students will explore a range of business legislation and the consequences to business of not meeting the obligations of business legislation.</p>	<p>In Construction this half term, students will study Modern Devices, focusing on how technology supports organisation and the importance of logical filing systems. They will identify site hazards, explore essential bricklaying tools and equipment, and learn to construct brick and block triangles. Students will apply practical skills by preparing workspaces, calculating material quantities, and solving common brickwork problems. Safety awareness and the use of personal protective equipment on construction sites will be emphasised. This topic links with Geography through hazard mapping, Maths via precise measurement and estimation, and Science by understanding material properties, promoting both practical expertise and cross-curricular learning.</p>	<p>In Sports Science this half term, students will deepen their understanding of physical fitness by exploring the components of physical and skill-related fitness. They will analyse how these components relate to different sports and consider why athletes require varying fitness types. Students will investigate techniques, strategies, and fitness demands in sports, alongside learning about the roles of officials, rules, and regulations. Through practical activities, discussions, and research tasks, students will develop their knowledge of fairness, communication, and sportsmanship, while connecting theoretical concepts to real-world sporting contexts.</p>