

Redbridge Alternative Provision - Year 10: Spring 2.1

English	Maths	Science
<p>In English this half term students will complete a range of project-based assignments. This will consist of writing fiction and non-fiction stories. Students will begin by analysing both genres in order to establish a clear understanding of the topic. They will then read a range of relevant texts which will require students to identify the key features of the genre. To conclude the unit, students will write a fictional story of their choosing, using the skills developed throughout the unit. Students will read a variety of literature, with the emphasis being on retrieval, inference and predicting.</p>	<p>In Maths this half term students will generate a sequence by spotting a pattern or using a term-to-term rule given algebraically or in words. Students will know and recognise the following sequences of numbers; triangular, square numbers, cube numbers and the Fibonacci sequence. Following this, students will understand what ratio means and be able to reduce a ratio to its lowest form and understand equivalent ratios. Finally, students use conventional terms and notations: points, lines, vertices, edges, planes, parallel lines, perpendicular lines, right angles and polygons.</p>	<p>In Science this half term, students will study Physics looking at energy changes in a system and the ways energy is stored before and after such changes will be evaluated. Students will revisit energy transfers and energy efficiency, problems with fossil fuels and global warming will be critically analysed. They will discuss how to reduce our energy usage. Students will also re-cap the basics of electricity and understand how the National Grid is structured to supply the UK population with electricity. Students will learn the difference between conductors, semi-conductors and insulators. Finally, students will build electric circuits.</p>
PSHE	Art	PE
<p>In PSHE this half term, learning will focus on healthy relationships and sexual expectations. Students will explore the role of intimacy and pleasure in consensual relationships, and what 'readiness' for sexual intimacy means as well as reasons people might abstain from sex. Students will explore assumptions and misconceptions about sex, gender and relationships and will consider the role of pornography and the media in influencing attitudes and behaviour. Additionally, students will build on their understanding of consent and the ethical and legal implications of manipulation and coercion. Students will learn to recognise and respond to pressure, coercion and exploitation, how to challenge victim blaming narratives and how to report and access appropriate support.</p>	<p>In Art this half term students will be learning how to refine and develop landscape ideas by combining influences from multiple artists and experimenting with a wide range of media. Students will explore printmaking techniques such as monoprinting, lino cutting, and collagraphs, alongside mixed-media approaches. They will evaluate their experiments, annotate strengths and weaknesses, and make informed decisions about which techniques and compositions best support their intentions.</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 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.</p>	<p>In Food Technology this half term students will look at vitamins and minerals with the different types, the main sources and the effect they have on our bodies. Following this, students will study what happens if we have a deficiency or excess of vitamins and minerals in our diets. Students will also explore the function of water in our diet and acknowledging the different sources of foods that give us water. Finally, students will develop ways to modify dishes to promote health by altering or changing ingredients as well as cooking methods. As students look at these areas, they will also make a mixture of products from Vegetarian meals, healthy breakfasts and Pizzas.</p>	<p>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.</p>
Business Studies	Construction	Sports
<p>In Business Studies this half term students will be studying Unit 1, Topic 4, 'Making a Business Effective'. Students will begin by investigating the difference between limited and unlimited liability and the different types of business start-ups. Following this, students will analyse the most appropriate type of business ownership for a range of business start-ups, before exploring the four elements of the marketing mix and writing a business plan.</p>	<p>In Construction this half term students will begin the first of two mandatory units involving personal organisation, they will also begin a practical Bricklaying unit. Students will learn how to organise and manage their time using real life scenarios focusing on prioritising tasks and planning their time. Alongside this, students will be introduced to the equipment and materials needed for the Bricklaying unit. Finally, students will observe a professional bricklayer build a wall and will begin learning the process for themselves.</p>	<p>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.</p>