

Redbridge Alternative Provision - Year 10: Autumn 1.1

English	Maths	Science
<p>In English this half term students will be studying the 'George Floyd' unit. This unit will consist of comparing and contrasting text. Students will be examining a range of case studies relevant to incident and aftermath. They will be taught how to identify key themes as well extract implicit and explicit information. Students will be introduced to the concept of 'right and left wing' ideologies and explore how they use media propaganda to influence situations. To conclude the unit, students will produce two newspaper articles, consisting of fair and biased reporting. Students will read various newspaper articles from the BBC and New York Times. The focus of the reading sessions will be on retrieval and summarising.</p>	<p>In Maths this half term students will study number properties by using 4 operations and identifying factors of a given number, expressing these as a product of their prime factors. Following this, students will study Geometry and measure. Students will calculate missing angles and recognise why base angles are the same and why an angle of an equilateral triangle = 60°. Finally, students will study Algebra by learning to substitute integers into formula and expressions, using formula for the perimeter and area of standard shapes.</p>	<p>In Science this half term students will explore cells and unicellular organisms. They will be recalling the basic structures of prokaryotic and eukaryotic cells. Students will link the structure of specific specialised cells to their functions. They will also be given an opportunity to discuss the advantages and limitations of using models in Biology. Students will confidently use a microscope and calculate the magnification of a sample. Students will delve into the human digestive system, which provides the body with nutrients and the respiratory system that provides it with oxygen and removes carbon dioxide. In each case they provide dissolved materials that need to be moved quickly around the body in the blood by the circulatory system.</p>
PSHE	Art	PE
<p>In PSHE this half term, learning will focus on mental health, stigma and how to manage challenges during adolescence. Students will revisit earlier learning about mental health, identifying the signs of poor mental health and exploring strategies that promote positive mental health and emotional wellbeing. Students will learn how to manage challenges during adolescence and how to reframe negative thinking. Additionally, students will explore the portrayal of mental health in the media and will develop understanding and skills to challenge stigma, stereotypes and misinformation. Furthermore, students will learn how to access support and treatment.</p>	<p>In Art this half term students will be learning how to develop ideas around rural landscapes through observational drawing, tonal studies, and expressive mark-making. Students will research and analyse the work of Vincent van Gogh, creating artist research pages and transcriptions, while recording form, tone, texture, and atmosphere using pencil, ink, and oil pastels. They will begin to understand how artists use line, colour, and mark-making to communicate mood and meaning, documenting their ideas clearly in their sketchbooks.</p>	<p>In PE this half term, students will study football and basketball, developing core skills and tactical awareness through structured warm-ups, drills, and game play. In football, students will focus on attacking with width and speed, use of dummies and fakes, defensive formations, and passing and shooting techniques, emphasising agility and balance. In basketball, students will develop dribbling, shooting, screening, and defensive strategies including man-to-man and zone marking. Activities involve teacher modelling, group discussion, and small-sided games to enhance teamwork, communication, and strategic understanding.</p>
Geography	Food Technology	History
<p>In Geography this half term, students will develop their understanding of development dynamics by defining and comparing key social and economic indicators. They will explore the limitations of single indicators and the advantages of composite measures like the Human Development Index (HDI). Students will analyse spatial patterns of global development using choropleth and scatter graphs and investigate the causes of uneven development, including historical, environmental, and political factors. Through the case study of India, students will assess regional disparities and evaluate development strategies such as top-down infrastructure projects and bottom-up microfinance schemes, considering their sustainability and effectiveness.</p>	<p>In Food Technology this half term students will look at the relationship between diet and health in regards to Government guidelines. Following this, students will investigate major diet-related health issues caused by poor diet and lifestyle. Finally, students will explore the different types of food and how long they take to cook i.e., Fish, Meat, Vegetables, Pasta, Rice and Baked products. As students look at these areas, they will also be making a mixture of products from a range of products including Stir-fry, Spaghetti Bolognese, Flat Bread and Chicken.</p>	<p>In History this half term students will be studying 'Germany 1890-1945. Germany and the growth of democracy'. Students will begin by exploring and analysing different interpretations about the impact of the Treaty of Versailles on post-war Germany. Following this, students will use different sources to examine the impact of hyperinflation on ordinary Germans. Students will then explain the attempts by left-wing and right-wing groups to take over the country by force. Finally, students will assess Stresemann's role in Germany's recovery.</p>
Business Studies	Construction	Sport
<p>In Business Studies this half term students will be covering Unit 1, Topic 2 'Spotting a Business Opportunity'. Students will begin by exploring how a business can meet customer needs and analysing the links between meeting customer needs, generating sales and ensuring survival/growth. Following this, students will study a range of primary and secondary research methods and how market research, couples with market segmentation to support a business target a particular market. Finally, students will illustrate a market map and evaluate their impact in identifying gaps in the market.</p>	<p>In Construction this half term students will be given a refresher on the programme of study. Students will understand more about the structure of the course and what is expected of them over the year. Following this, students will begin Unit 10, 'Making Minor Repairs in a House', students will gain basic electrical knowledge, they will study how to wire plugs and fit lights and will be aware of any health and safety issues involving electricity. Finally, students will explore flat pack furniture and how to install kitchen cupboards and cabinets.</p>	<p>In Sports Science this half term, students will explore different types of sports clothing, equipment, and facilities essential for participation. They will research the materials used in sportswear and their suitability for various activities, assessing how appropriate clothing and gear enhance performance and safety. Students will identify different sports facilities, comparing indoor and outdoor options, and learn about officiating equipment. The unit also covers the role of technology in sport, including performance tracking and officiating tools, while examining the limitations and fairness of such technologies. Students will evaluate real-life cases where technology impacted sports outcomes.</p>