

Redbridge Alternative Provision - Year 10: Autumn 1.1

English	Maths	Science
In English this half term students will develop the skills of analytical reading and creative writing through the study of carefully selected fiction extracts. They will explore how writers use language, structure and narrative viewpoint to create atmosphere, build tension and shape readers' responses while developing confidence in retrieving information, making inferences and evaluating texts. Alongside their reading, students will use these extracts as models for their own descriptive and narrative writing, experimenting with vocabulary, imagery and structural techniques to communicate ideas effectively. Throughout the unit, students will strengthen the reading, writing and communication skills that underpin success in GCSE English Language while becoming increasingly thoughtful, independent readers and writers.	In Maths this half term students will strengthen the core mathematical knowledge that underpins success at GCSE. They will develop fluency with number, calculation and algebra while applying geometrical reasoning to solve increasingly complex problems. Students will investigate number properties, compound measures, perimeter, area and volume, classify two- and three-dimensional shapes, and apply algebraic techniques including substitution and the use of indices. Throughout the unit, they will develop confidence in selecting efficient methods, communicating mathematical reasoning using accurate vocabulary and applying established knowledge to unfamiliar mathematical and real-life contexts.	In Science this half term students will study Organisation and Structure and Bonding. They will explore how cells are organised into tissues, organs and organ systems and investigate the role of the digestive, respiratory and circulatory systems in maintaining life. Students will learn about enzymes, food tests and how nutrients are absorbed and transported around the body. They will also study atomic structure and different types of bonding, including ionic, covalent and metallic bonding, and explain how these determine the properties of substances. Practical investigations and scientific models will support students in developing their understanding of how structure influences function in both Biology and Chemistry.
PSHE	Art	PE
In PSHE this half term students will explore health, wellbeing and increasing independence as they begin Key Stage 4. They will investigate how healthy lifestyle choices, nutrition and emotional wellbeing contribute to long-term health, while developing effective study habits and strategies for managing increasing responsibility. Students will also learn about medical donation, breast awareness and the importance of accessing reliable health information and healthcare services. This unit encourages students to make informed decisions and take greater responsibility for their physical and emotional wellbeing.	In Art this half term students will begin their GCSE Fine Art course by exploring the theme of rural landscapes through observational drawing, artist research and practical experimentation. They will develop their recording skills using pencil and ink, applying line, tone and composition to create accurate landscape studies. Students will investigate the work of Vincent van Gogh, analysing his expressive use of colour and mark-making before producing artist-inspired transcriptions and experimenting with oil pastels. Throughout the term, they will record and evaluate their creative development through annotation, strengthening the observational, analytical and technical skills that underpin successful GCSE Fine Art portfolios.	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.
Food Technology	Geography	History
In Food Technology this half term, students will explore nutrition and healthy eating. They will learn about the functions of key nutrients, the importance of a balanced diet and how nutritional needs vary between different people. Students will also investigate the impact of poor nutrition on health and wellbeing. Practical lessons will focus on preparing and adapting healthy dishes while developing key food preparation skills. They will evaluate their work using appropriate nutritional terminology and consider how well their dishes meet the needs of different customer groups. As part of Black History Month, explore the influence of African and Caribbean cultures on food and hospitality.	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.	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.
Music	Sports Science	Travel and Tourism
In Music this half term students will explore a range of popular music genres, including Punk, Britpop, Grunge and UK Garage. Through listening and analysis, they will investigate how rhythm, texture, instrumentation and production techniques contribute to musical identity. Students will develop their understanding of key musical terminology while comparing the characteristics of different styles and considering their cultural significance. Using GarageBand and Logic Pro, they will sequence, record and edit their own musical ideas, experimenting with loops, layering and effects. Practical lessons will also develop ensemble performance and recording skills, encouraging students to refine their work through evaluation and feedback.	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.	In Travel and Tourism this half term students will explore the structure of the travel and tourism industry and investigate the organisations that provide transport, accommodation, visitor attractions and supporting services. They will examine how these organisations work together to create successful customer experiences while considering the different products and services they offer. Students will also investigate the importance of marketing, promotion, ownership and partnerships within the industry, developing their understanding of how businesses meet customer needs. Through case studies and real-world examples, they will strengthen their analytical, research and communication skills, providing a secure foundation for the remainder of the course.
Enrichment		
As part of the Enrichment Programme, students will be given the opportunity to experience: Gymnastics: This half term students will take part in trampoline gymnastics sessions, learning a range of movements, balances, and controlled landings. As their confidence develops, they will progress towards more advanced skills in a safe environment while improving coordination, body control, and resilience. The sessions promote focus, determination, and self-belief.		