

Redbridge Alternative Provision - Year 8: Autumn 1.1

English	Maths	Science
<p>In English this half term students will be studying the satire unit. This will involve identifying and understanding figurative language and literary devices such as exaggeration, sarcasm and irony. Students will participate in a range of group discussions as well as completing tasks which will aim to develop the required skills to access the learning. They will conclude the unit by writing a short story using satire. Students will be reading a variety of case studies and short stories such as: Shrek. The reading sessions will focus on retrieval and summarising.</p>	<p>In Maths this half term students will be studying 'Calculations, Powers and Factors'. They will develop written and mental strategies for the four operations, including with decimals and negative numbers. Students will explore powers and roots, apply BIDMAS to multi-step calculations, and use calculators effectively to check their answers. They will also investigate multiples, factors, and prime factor decomposition to find Highest Common Factors (HCF) and Lowest Common Multiples (LCM). Throughout the unit, common misconceptions will be addressed, and students will apply their learning to real-world contexts. The unit will conclude with consolidation and an end-of-topic assessment.</p>	<p>In Science this half term students will study how living things are organised and how they obtain and use energy. They will explore cells, tissues, and organs, focusing on the respiratory and musculoskeletal systems. Students will investigate breathing and gas exchange, and compare aerobic, anaerobic, and fermentation processes, considering the effects of exercise, medicines, and recreational drugs. They will then examine photosynthesis, learning how water and carbon dioxide are used, and how leaves are adapted for efficiency. Practical experiments will explore the conditions needed for photosynthesis, including light and temperature. Finally, students will study ecosystems, investigating biomes, non-photosynthetic plants, and the interdependence between organisms.</p>
PSHE	Art	PE
<p>In PSHE this half term learning will focus on drugs and alcohol. Students will identify the differences between medicinal and recreational drugs, learning how to use over the counter and prescription medication safely. Furthermore, students will learn about the risks of alcohol, tobacco, nicotine, vapes and cannabis learning how to manage negative influences and pressures in relation to substance use. Students will be able to explain the relationship between habit and dependence and will reflect about the overconsumption and risks of energy drinks. Additionally, students will learn to recognise and promote positive social norms and attitudes as well as how to find reliable sources of information and how to access support.</p>	<p>In Art this half term students will be learning about portraiture and the techniques required to create accurate and expressive facial drawings. They will use the grid method to place features correctly, practise drawing eyes, noses, mouths, ears, and hair, and apply contour, continuous line, hatching, and cross-hatching to build tone and depth. Students will explore gesture and scribble lines to convey expression and develop a detailed self-portrait, reflecting on their choices and techniques.</p>	<p>In PE this half term students will focus on advancing their skills and tactical understanding in both football and basketball. In football, they will concentrate on mastering advanced dribbling, passing, shooting, and defensive tactics, with a strong emphasis on strategic play, teamwork, and positional awareness. In Basketball students will refine their dribbling, passing, shooting, and defensive skills, incorporating complex plays and enhancing team coordination. These activities are designed to improve student's physical fitness, tactical knowledge, and collaborative abilities, preparing them for higher levels of competition and strategic gameplay.</p>
Geography	Food Technology	History
<p>In Geography this half term students will study the topic 'Water and Landscape.' They will identify why rivers are important to people and will study a river on an OS map. Students will explore the role of rivers in the water cycle and explain how water flows into rivers. They will describe the processes of erosion, transportation and deposition and explore how a river changes from source to mouth. Students will draw the long profile and cross section of a river from an OS map. Finally, students will discover how rivers shape the land, exploring features such as waterfalls, meanders and ox-bow lakes.</p>	<p>In Food Technology this half term students will look at why we cook food and will choose the most suitable cooking methods to achieve the best results. Students will develop an understanding of the importance of storing food correctly to prevent development of bacteria. Following this, students will understand the importance of storing foods at the correct temperatures. 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 'The Tudors'. Students will begin by exploring what Britain was like in 1509. Following this, students will identify different reasons why Henry VIII wanted to divorce Catherine of Aragon and marry Anne Boleyn and how this affected the religion in the whole of England. Students will then explain why Henry VIII married so many women. Finally, students will describe how religion changed in England under Edward VI, Mary I and Elizabeth I.</p>