

Redbridge Alternative Provision - Year 9: Autumn 1.1

English	Maths	Science
In English this half term students will explore themes of discrimination, prejudice and equality through the study of Malorie Blackman's <i>Noughts & Crosses</i> . They will analyse how language, structure and characterisation are used to present ideas about identity, power and social justice while developing their ability to retrieve information, make inferences and support interpretations with relevant textual evidence. Students will compare key themes with <i>Romeo and Juliet</i> , participate in thoughtful discussion and debate, and produce analytical and transactional writing. Throughout the unit, they will strengthen their reading, writing and communication skills, establishing a strong foundation for literary analysis at Key Stage 3 and beyond.	In Maths this half term students will explore how data can be collected, organised, represented and interpreted to answer questions and solve problems. They will learn to construct and interpret a range of charts, graphs and tables, calculate averages including the mean, median, mode and range, and compare different sets of data. Students will investigate patterns, trends and anomalies while developing confidence in selecting the most appropriate methods of presenting information. Throughout the unit, they will strengthen their mathematical reasoning by drawing conclusions from statistical evidence and communicating their findings using accurate mathematical vocabulary.	In Science this half term students will deepen their understanding of cells and how they specialise. They will classify cells as eukaryotic or prokaryotic and revisit the functions of sub-cellular structures. Students will practise using microscopes and learn how electron microscopes provide greater detail. They will investigate bacterial growth using agar and apply aseptic techniques safely. Students will also study the three main methods of cell transport: diffusion, osmosis, and active transport, linking them to adaptations in specialised cells. They will learn how cells divide by mitosis for growth and repair, and how cancers can develop from uncontrolled growth. Finally, they will be introduced to stem cells and their use in medical research.
PSHE	Art	PE
In PSHE this half term students will explore emotional wellbeing and develop strategies for maintaining positive mental health during adolescence. They will investigate how stress, strong emotions and setbacks can affect wellbeing, while learning healthy ways to manage challenges and build resilience. Students will also explore the impact of social media, body image and self-expression on self-esteem, recognising how internal and external influences can shape confidence and identity. This unit encourages students to develop healthy coping strategies and recognise when and how to access support.	In Art this term students will explore decorative design through the themes of repetition, pattern and rhythm, developing their understanding of how artists transform natural forms into stylised motifs. They will investigate the work of William Morris, Orla Kiely and Angie Lewin before creating observational drawings, decorative designs and repeated patterns inspired by the natural world. Students will experiment with monoprinting, relief printing and surface design techniques, refining their ideas through practical investigation and evaluation. Throughout the term, they will strengthen their understanding of composition, symmetry and printmaking while developing increasingly confident technical and creative skills in preparation for more complex design projects.	In PE this half term students will concentrate on further developing their skills and tactical judgement in both football and basketball. In football, they will focus on perfecting advanced techniques in dribbling, passing, shooting, and defending, with a strong emphasis on strategic play, team dynamics, and positional awareness. Basketball lessons will aim to enhance their dribbling, passing, shooting, and defensive skills, incorporating complex plays and strategies to improve team coordination and game intelligence. These activities are designed to boost their physical fitness, deepen their tactical understanding, and strengthen their collaborative abilities, preparing them for more competitive and strategic levels of sport.
Food Technology	Geography	History
In Food Technology this half term students will investigate how recipes can be adapted to suit different dietary requirements, lifestyles and consumer needs. They will explore how ingredients and cooking methods affect flavour, texture and nutritional value, while considering ways to improve sustainability and reduce costs. Students will examine how recipes can be modified for different target groups and develop a greater understanding of healthy eating. Practical lessons will focus on experimenting with alternative ingredients and adapting both savoury and sweet dishes. Through evaluation and sensory testing, students will develop confidence in creating successful and inclusive recipes.	In Geography this half term the students will study the topic 'What Are The Challenges and Opportunities Facing Africa?' They will explore the physical and human geography of Africa and consider the importance of natural resources of Africa. Students will identify the effects of European colonialism and consider how those effects have shaped Africa's present. They will examine the differences in levels of development across African countries and consider different points of view about development in African countries. Finally, students will identify the pattern of climate zones and biomes across Africa.	In History this half term students will be studying 'The Great War'. Students will begin by exploring and judging Britain's place in the world at the beginning of the twentieth century. This knowledge will then be used to identify short and long-term causes of the Great War. Following this, students will describe the typical experiences of a soldier in the trenches. Finally, students will evaluate what finally won the vote for women.
Enrichment		
As part of the Enrichment Programme, students will be given the opportunity to experience: Lambourne End This half term students will build on previous outdoor learning experiences by taking part in activities that develop teamwork, leadership, and problem-solving. Through practical challenges, students will strengthen their resilience, communication, and confidence while learning to support one another in unfamiliar situations.		