

Redbridge Alternative Provision - Year 8: Summer 3.2

English	Maths	Science
<p>In English this half term, students will be reading 'The Boy Who Steals Houses' by C.G. Drews. Students will begin by analysing the language used by the writer in order to determine the theme of the story. The unit will aim to teach students the skills needed to be able to make predictions as to what will happen to the main characters. Students will conclude the unit by writing an alternative ending to the story. The focus will be on retrieval and predicting.</p>	<p>In Maths this half term students will recall equivalent fractions and decimals and be able to recognise recurring and terminating decimals. Students will learn to use different methods to change between fractions and decimals. Once confident in this they will then express one quantity as a percentage of another number and interpret percentages and percentage changes as a fraction or a decimal. Finally, students will use mental strategies to solve percentage problems including using a multiplier to calculate percentage increase or decrease.</p>	<p>In Science this half term students will explore how light and electricity behave. They will investigate how light travels and study the differences between transparent, translucent, and opaque materials. Students will apply the law of reflection, draw ray diagrams, and explore refraction through different media. They will compare concave and convex lenses, linking their properties to the human eye, and study how white light is made of different colours. The focus then shifts to electricity, where students will investigate current, voltage, and resistance. They will apply Ohm's Law to solve problems, calculate resistance in series and parallel circuits, and explore the use of fixed and variable resistors, thermistors, and LDRs.</p>
PSHE	Art	PE
<p>In PSHE this half term learning will focus on online safety and digital literacy. Students will revisit previous learning about online communication and using social networking sites safely. In addition to this, students will learn how to recognise online grooming and how to respond and seek support in cases of online exploitation. Furthermore, students will be able to recognise biased or misleading information online and identify strategies to critically assess different media sources. Students will learn how to make decisions and manage peer influence about films and online viewing and the potential harms of viewing inappropriate content. Additionally, students will learn how to assess and manage risk in relation to gambling and chance-based transaction.</p>	<p>In Art this half term students will be learning how to construct structural animal drawings and explore textural detail. They will use geometric construction, scale, and proportion to build accurate forms, apply line and mark-making techniques to represent textures, and experiment with oil pastels and collage. Students will design and produce hybrid animals using mixed media, combining drawing, collage, and layering techniques to create expressive and detailed final pieces.</p>	<p>In PE this half term students will focus on kwik cricket, rounders, and athletics. They will begin by mastering all core skills and some advance skills along with the rules of each sport, focusing on techniques such as batting, bowling, and fielding in cricket, batting, fielding, and base running in rounders, and various track and field events in athletics such as the triple jump, hurdles and javelin. Through structured activities, practice matches, and competitive races, students will deepen their understanding of game tactics, teamwork dynamics, and sportsmanship principles in each discipline. By fully immersing themselves in these activities, students will not only enhance their physical abilities but also develop crucial communication, co-ordination, and strategic thinking skills essential for success in a variety of sports.</p>
Geography	Food Technology	History
<p>In Geography this half term the students will continue studying 'The Coast'. They will define deposition and explain how deposition creates landforms. Students will explore how people are affected by coastal processes, such as cliff erosion. Finally, students will investigate what is meant by 'coastal management' and identify different types of sea defences.</p>	<p>In Food Technology this half term, students will explore the consequences of poor diet by analysing the impact of unhealthy eating habits on overall wellbeing. They will research diet-related illnesses such as obesity, coronary heart disease (CHD), diabetes, and anorexia, understanding their causes and effects. Students will investigate reasons behind poor dietary choices and propose strategies for long-term health improvements. The course will emphasize the importance of balanced diets, sugar reduction to prevent tooth decay, and lifestyle changes including exercise. This learning supports knowledge in science, PSHE, and maths through links to metabolic health, emotional wellbeing, and nutritional calculations.</p>	<p>In History this half term students will continue studying many examples of black people in History. Students will carry on reading the book 'Black and British' by David Olusoga. This knowledge will then be used to investigate many examples of Black and British History in different periods: Romans, Tudors, Stuarts, Georgians, Victorians, WWI, WWII and Twentieth Century.</p>