Redbridge Alternative Provision - Year 8: Summer 3.1

English	Maths	Science
In English this half term students will be studying 'Pop' and 'Poetry.' The unit will consist of identifying how language is used to convey a hidden meaning. Students will begin by reading a variety of poems. They will then move on to identifying the language features used in the poems in order to create effect. The unit will conclude with students attempting to write their own poem based on their chosen topic. Students will be reading a variety of poems such as 'The Charge of the Light Brigade'. The focus will be on summarising and retrieval.	In Maths this half term students will order and identify fractions as more than ½ or less than ½. Students will add and subtract fractions with any size denominators and use appropriate methods for multiplying and dividing fractions. Once students have mastered the four operations, they will then move on to solving fractions involving mixed numbers. In the later part of this half term students explore straight-line graphs. They will plot graphs and read values to solve problems as well as finding its gradient. Students will finally write equations of straight-line graphs in the form.	In Science this half term students will study human nutrition and ecosystems. They will learn what makes up a balanced diet, the roles of nutrients, and how malnutrition arises. Students will carry out food tests to identify nutrients and study the structure and function of the digestive system, comparing mechanical and chemical digestion. They will investigate the role of enzymes in breaking down food and how the small intestine absorbs nutrients. Students will then explore ecosystems, defining habitats, populations, and communities, and use sampling techniques such as quadrats to estimate population sizes. They will analyse feeding relationships through food chains, webs, and pyramids, studying energy transfer and the effects of environmental factors.
PSHE	**Art**	**PE**
In PSHE this half term learning will focus on identity and relationships. Students will learn the differences between gender identity and sexual orientation and will continue exploring healthy behaviours in forming and developing relationships, learning how to effectively communicate about consent in relationships as well as the law in relation to consent. Furthermore, students will learn about the risks of 'unwanted messages' and how to manage requests or pressure to send an image. Students will understand sending and receiving unwanted images perpetuates a culture of sexual harassment and that it is illegal in many contexts. Additionally, students will learn about basic forms of contraception, exploring effective use of condoms, the pill and emergency contraception.	In Art this half term students will be learning to observe and represent texture in Art. They will practise drawing implied textures such as fur, feathers, and surfaces, combine tone and texture to create three-dimensional effects, and produce detailed studies such as animal eyes. Students will experiment with mixed media and surface effects to develop close-up studies that communicate realistic texture and depth.	In PE this half term students will concentrate on refining their skills and understanding in both netball and tennis. They will delve into the intricacies of each sport, focusing on techniques such as passing, shooting, and defensive positioning in netball, and serving, rallying, and court movement in tennis. Through structured drills, practice matches, and game simulations, students will deepen their comprehension of game tactics, teamwork dynamics, and sportsmanship principles. By immersing themselves fully in these sports, students will not only enhance their physical abilities but also develop crucial communication, co-ordination, and strategic thinking skills essential for success both on the netball court and the tennis court.
Geography	**Food Technology**	**History**
In Geography this half term, students will explore coastal processes and how they shape the UK's coastlines. They will learn how cliffs are weathered and eroded through processes such as hydraulic action, abrasion, and attrition. Students will investigate how different rock types influence the formation of headlands, bays, caves, arches, stacks, and stumps. They will study maps and photographs to identify landforms and examine the role of longshore drift in transporting materials along the coast. The unit encourages students to link human and physical geography by considering how erosion impacts communities and how coastlines are managed.	In Food Technology this half term, students will explore types and functions of ingredients, including modern food technologies and origins. They will investigate the roles ingredients play in recipes—such as binding, flavouring, and thickening—by experimenting with different combinations. Students will research sources of food products, identifying whether they come from plants, animals, or synthetic processes, and compare purchasing options based on cost, quality, and ethics. They will also examine genetically modified (GM) and novel foods, considering their advantages and disadvantages, and discuss how scientific advances and global population growth impact food production and sustainability.	In History this half term as the aim of our school is to decolonise the curriculum and ensure it gives students a broad, balanced and accurate depiction of history, students will study many examples of black people in history. Students will explore Black History and explain that it did not begin at the Trans-Atlantic Slave Trade. Students will read 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.