

Redbridge Alternative Provision - Year 9: Spring 2.1

English	Maths	Science
<p>In English this half term students will be studying two units. The first will consist of students developing their research and presenting skills. This will consist of identifying relevant information regarding a public figure of their choice. Students will then create a presentation based on their chosen role model. The second part of the unit will consist of identifying potential career paths. Students will complete tasks such as filling in application forms and writing a CV. To conclude the unit, students will participate in a formal job interview. Students will be reading a wide range of texts such as: job descriptions. The focus will be on retrieval and summarising.</p>	<p>In Maths this half term, students will develop their understanding of constructions, sequences, equations, and proportion. They will accurately draw to scale using a ruler, protractor and compasses, constructing triangles, bisectors and nets of 3D shapes. Students will also work with arithmetic, geometric and quadratic sequences, find the nth term, and represent inequalities on number lines. They will solve equations involving fractions or powers and apply these skills to real-life contexts. Finally, students will explore direct and inverse proportion, writing formulae to connect variables and using algebra to solve problems involving proportional reasoning and graphical representations.</p>	<p>In Science this half term students will study forces, motion, and biodiversity. In physics, they will apply Newton's First and Third Laws to describe balanced and unbalanced forces, action-reaction pairs, and resultant vectors. Students will calculate acceleration as the rate of change of velocity, interpret velocity-time graphs, and investigate motion through practical experiments. They will also resolve vectors into components and compare scalar and vector quantities. In biology, students will explore biodiversity and how it contributes to stable ecosystems. They will use sampling techniques to measure biodiversity and examine how human activities such as deforestation, farming, and pollution reduce species variety. Students will also consider the impact of climate change and invasive species.</p>
PSHE	Art	PE
<p>In PSHE this half term learning will focus on families and parenting, healthy relationships and conflict resolution. Students will build on previous learning about family, now exploring the range of different types of families. Students will recognise the features of positive relationships in the home and how to maintain them. Additionally, students will learn about conflict in different contexts and will learn conflict resolution strategies. Students will explore how to manage relationship and family changes, including relationship breakdown, separation and divorce. Furthermore, students will learn ways to reduce homelessness amongst young people and how to access support services.</p>	<p>In Art this half term students will be learning how to create Op Art drawings and optical illusions, inspired by the work of Bridget Riley, Victor Vasarely and other contemporary artists. They will use parallel, wavy, and overlapping lines to create distortions, construct circular and pyramid grids, and experiment with contrast, movement, and implied depth. Students will combine multiple grids and perspective techniques to develop complex Op Art drawings that demonstrate visual vibration and optical effects.</p>	<p>In PE this half term students will focus on fitness enhancement and mastering the skills of table tennis. They will engage in diverse fitness activities tailored to improve cardiovascular endurance, muscular strength, and flexibility, fostering a robust foundation for overall physical health. Concurrently in table tennis students will refine techniques in bat control, footwork, and shot precision, while also deepening their comprehension of game strategies and tactics. By integrating fitness sessions with table tennis drills and gameplay, students will not only enhance their physical fitness but also develop crucial hand-eye coordination, concentration, and sportsmanship vital for success in both fitness pursuits and individual sports like table tennis.</p>
Geography	Food Technology	History
<p>In Geography this half term the students will study the topic 'Can We Ever Know Enough About Earthquakes and Volcanoes to Live Safely?' They will discover how maps have helped people see the world differently over the years. Students will explore the theory of continental drift. They will describe the pattern of earthquakes, volcanoes and mountain belts. Students will identify the structure of the Earth, describing the composition of the lithosphere and linking this to the theory of plate tectonics. They will identify the three different types of plate boundary and the events that occur there. Finally, students will explain the forces that drive plate movements.</p>	<p>In Food Technology this half term, students will explore seasonal and organic foods, packaging, and labelling. They will examine how food availability changes throughout the year, how organic farming differs from conventional methods, and the environmental benefits of seasonal eating. Students will design meal plans using seasonal produce, analyse the function and sustainability of food packaging, and consider ways to reduce waste. They will also learn to read and interpret food labels, focusing on ingredients, nutritional content, and legal requirements. This unit encourages informed choices that consider health, sustainability, and environmental impact.</p>	<p>In History this half term students will be studying the period between the First and the Second World Wars. Students will begin by exploring and understanding who the 'Big Three' were and how they dealt with the defeated countries of WW1. Following this, students will evaluate whether the League of Nations was a success or a failure. Students will then assess the diverse range of experiences of ordinary British citizens in the 1930's. Finally, students will describe the differences between a Democracy and a Dictatorship. This knowledge will then be used to define both Fascism and Communism.</p>