

Redbridge Alternative Provision - Year 11: Autumn 1.2

English	Maths	Science
<p>In English this half term students will be studying speeches and protest as a means to develop their writing. The unit will consist of an introduction to rhetorical methods and appeals to pathos, logos and ethos. Students will study influential texts in a bid to understand how they used a wide range of language features and persuasion techniques. They will conclude the unit by writing a persuasive article on a topic of their choice. Students will read a wide range of literature such as: Malcolm X's autobiography. The reading sessions will focus on retrieval and clarifying.</p>	<p>In Maths this half term students will convert between fractions, percentages and decimals to use the most appropriate method in any given question. Following this, students will expand double brackets to give quadratics of the form $ax^2 + bx + c$ and factorise quadratics of the form $x^2 + bx + c$, including difference of two squares. Finally, students will consider data sets with outliers and whether the outliers should be ignored or included and how they could affect measures of central tendency and range.</p>	<p>In Science this half term students will begin to appreciate the idea of purity and why it is so important in Chemistry. Different forms of chemical analysis will be used by students to purify substances, such as compounds and formulations. Students will also learn how to test for common gases, such as oxygen and carbon dioxide. The importance of the Earth's atmosphere will be evaluated and the story of how the atmosphere was formed will be discussed. But what happens when humans abuse the Earth's resources? Students will consider the effects of polluting gases, greenhouse gases, on the atmosphere and the consequences of climate change. In conclusion, students will consider how to reduce their carbon footprint.</p>
PSHE	Art	PE
<p>In PSHE, this half-term learning will focus on developing students understanding of Islam. Students will revisit previous learning about the times of prayer. Following this, students will discuss their own experience and understanding of Islam. Students will then explore Muslim values and make links to the values of NRHS and the British Values. Students will learn about key elements of the Islamic faith, such as Eid. Students will experience sensory elements of Islam by looking at a prayer mat and learning about the importance of Mecca. Students will also visit a local Mosque to bring their learning to life.</p>	<p>In Art this half term students will be learning how to independently select and develop a personal theme. Students will research relevant artists, record observations, experiment with media, and begin sustained sketchbook development. With increasing independence, they will take ownership of decision making, ensuring their work demonstrates clear progression, meaningful intent, and strong links between research and practical outcomes.</p>	<p>In PE this half term, students will study football and basketball, developing core skills and tactical awareness through structured warm-ups, drills, and game play. In football, students will focus on attacking with width and speed, use of dummies and fakes, defensive formations, and passing and shooting techniques, emphasising agility and balance. In basketball, students will develop dribbling, shooting, screening, and defensive strategies including man-to-man and zone marking. Activities involve teacher modelling, group discussion, and small-sided games to enhance teamwork, communication, and strategic understanding.</p>
Geography	Food Technology	History
<p>In Geography this half term we will be learning about the UK's evolving physical landscape - an overview of the varied physical landscapes in the UK resulting from Geology, Geomorphic processes and Human activity over time. Students will spend time getting to know how physical features created and how they influence our day to day lives. They will look at some of the largest rivers and mountains scatter around the UK. Students will examine case studies of distinctive landscape, look at how the coastlines are constantly evolving which can lead to conflict. They will also visit a local river where students will be able to identify the physical features they have learned about.</p>	<p>In Food Technology this half term students will be looking at how setting agents work and the different types whether starch or egg. Following this, students will be making cakes in which we will be looking the ingredients that are used and the functions of the flour, fat, eggs, sugar, liquid and baking powder. Finally, students will also be looking at dough's and evaluating our work. As students look at these areas, they will also be making a mixture of products from a range of products including baking cakes and festive foods.</p>	<p>In History this half term students will carry on studying 'Britain: Health and the people: c1000 to the Present Day'. They will explain beliefs about the causes of infection before the 1860s, summarising Pasteur's experiment. They will then evaluate the contribution of Koch to medical progress and examine public health problems in industrial Britain. This knowledge will be used to explore the development of the pharmaceutical industry, outlining the development of penicillin. Students will examine the key developments in new knowledge about the body and disease, surgery and treatments since 1945. Finally, students will explore advances in healthcare and public health in the latter half of the twentieth century.</p>
Business Studies	Construction	Sports
<p>In Business Studies this half term we will be covering Unit 2, Topic 9, 'Making Human Resource Decisions'. Students will begin by explaining the difference between flat, hierarchical, centralised and decentralised organisational structures whilst considering the advantages and disadvantages of each. Following this, students will analyse the barriers to effective communication on business operations. Finally, students will explore the stages of the recruitment process and a range of training that may be offered to staff across an organisation, before evaluating the impact of target setting and performance reviews and other ways that employees can be motivated and other ways that employees can be motivated.</p>	<p>In Construction this half term, students will explore how to mark out and cut an L-Shaped Timber Frame. They will analyse different behaviours and attitudes that influence personal progression and role-play scenarios demonstrating these effects. Students will research local progression opportunities using a variety of sources and share their findings. Practically, they will learn to accurately mark out timber using rulers and setting out rods, cut and shape joints such as tenon and half lap, and assemble an L-shaped frame. Finally, students will apply finishing techniques including sanding and staining to complete their timber frame.</p>	<p>In Sports Science this half term, students will explore Training Methods. They will explore different fitness training techniques targeting physical and skill-related components, such as interval, circuit, resistance, plyometrics, and continuous training. Students will learn the principles of warm-up and cool-down, training effects on the body, and how to apply the FITT principle. They will investigate training provisions and identify facilities for fitness training. Practical activities include research, presentations, and mini-circuits to link methods to fitness components, enhancing understanding of how training improves athletic performance and supports sport-specific goals.</p>