

New Rush Hall School - Year 11: Autumn 1.2

English	Maths	Science
<p>In English this half term pupils 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. Pupils 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. Pupils 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 pupils will convert between fractions, percentages and decimals to use the most appropriate method in any given question. Following this, pupils 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, pupils 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 pupils 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 pupils to purify substances, such as compounds and formulations. Pupils 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? Pupils will consider the effects of polluting gases, greenhouse gases, on the atmosphere and the consequences of climate change. In conclusion, pupils will consider how to reduce their carbon footprint.</p>
PSHE	Art	PE
<p>In PSHE, this half-term learning will focus on developing pupils understanding of Islam. Pupils will revisit previous learning about the times of prayer. Following this, pupils will discuss their own experience and understanding of Islam. Pupils will then explore Muslim values and make links to the values of NRHS and the British Values. Pupils will learn about key elements of the Islamic faith, such as Eid. Pupils will experience sensory elements of Islam by looking at a prayer mat and learning about the importance of Mecca. Pupils will also visit a local Mosque to bring their learning to life.</p>	<p>In Art this half term pupils will continue to work on their GCSE Art coursework that will go onto form 60% of their final GCSE grade. Pupils are completing work from previous projects and will be looking to tie up any loose ends before the exam topics will be released in January. Following this, pupils will spend time completing any artist research and will finish any personalised outcomes using a range of different mediums. Finally, pupils will prepare their folders for marking and will be attending tutor led small group sessions where they will undergo peer marking.</p>	<p>In PE this half term pupils will develop their Handball skills. Pupils will learn the basic rules and tactics, initial development of passing, shooting, footwork and positions. There will be a gradual build-up of rules within the game situations. Moving on, there will be more of a focus on tactics. The basic skills are revisited and defending is looked at with regards to marking opponents. Overall movement and spacing in game situations are looked at in more depth throughout the unit, with an emphasis on game play, development of positions, defending and attacking.</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. Pupils 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. Pupils 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 pupils will be able to identify the physical features they have learned about.</p>	<p>In Food Technology this half term pupils will be looking at how setting agents work and the different types whether starch or egg. Following this, pupils 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, pupils will also be looking at dough's and evaluating our work. As pupils 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 pupils 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. Pupils will examine the key developments in new knowledge about the body and disease, surgery and treatments since 1945. Finally, pupils will explore advances in healthcare and public health in the latter half of the twentieth century.</p>
Business Studies	Music	Construction
<p>In Business Studies this half term we will be covering Unit 2, Topic 9, 'Making Human Resource Decisions'. Pupils will begin by explaining the difference between flat, hierarchical, centralised and decentralised organisational structures whilst considering the advantages and disadvantages of each. Following this, pupils will analyse the barriers to effective communication on business operations. Finally, pupils 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 Music this half term pupils will focus on completing Unit 2, this will involve a lot of research into how to complete the release of a digital music product. Pupils will study the best way to market their product, taking into consideration target market, supply and demand and the format the product will be released in. They will consider which record labels would be most suited for their product and also which territories. Within Marketing, pupils will begin to design artwork and promotional material for the final product.</p>	<p>In Construction this half term we will be continuing the Unit from last term. Pupils will be exploring the types of behaviour that are essential for personal progression, pupils will role play different scenarios that will highlight the influence attitudes and behaviours can have on others, e.g., employers. Alongside this, pupils will practice making different joints, they will compare and contrast Butt, Half Lap, Mitre joints, Mortice and Tenon and Box joints. Finally, pupils will discover the importance of accurate marking and setting out rods.</p>
Enrichment		
<p>As part of the Enrichment Programme, pupils will be given the opportunity to experience:</p> <p>Diverse Voices: In this half term pupils will continue to take part in our Performing Art programme. The sessions will be focused on exploring the dramatic technique of improvisation, and utilising this skill to explore different characters. The Leaders will nurture and develop a positive group dynamic by encouraging team work and co-operation which are both crucial to improvisation. The sessions will work on strengthening pupil's capacity to manage emotional risks, through embracing spontaneity in a healthy environment. Pupils will expand and challenge their current improvisation and characterisation skills, building the pupils confidence both socially and in performing.</p> <p>Lambourne End: In this half term, which will be last half term that pupils will be going to Lambourne End, pupils will be taking part in the activities that they have enjoyed the most and really challenged them personally. They will be challenging themselves across the Low Ropes Course again and climbing the 30-foot Climbing Wall as quick as they can. Following this, pupils will be using their teambuilding skills across the different obstacles that soon they will be putting into practice when they leave school.</p>		

Rowing: In this half-term as part of the schools rowing programme pupils will return to the Royal Docks rowing centre where-by they work with an experienced team of rowers to improve their understanding of what is required to successfully row in open water. This would include learning about co-ordination and rhythm on different types of boats. Building on the rowing skills previously learned pupils will develop more holistic skills such as problem solving, leadership, resilience, and teamwork. This will see pupils progress through a range of challenges in the in-door gym and training pool before being set free on the open water to put into practice all they have learned.

Fairlop Waters: In this half term pupils will be going to Fairlop Waters to take part in a variety of water-based activities. Pupils will be learning how to sail, they will be setting off, balancing, sail setting and steering the boat in pairs with good communication needed. Following this, pupils will be working on their balance and strength in learning how to paddleboard. Finally, pupils will be learning how to paddle both in Kayaks and Canoes engaging in core, chest, back and arm muscles. These opportunities will give the pupils knowledge about water safety, develop teambuilding skills and encourage social interactions and bonding with their peers.

Activities in the Community/Charity: In this half term pupils will be helping in the Local Community through volunteering with different Charity-based programmes. Volunteering offers pupils the opportunity to apply their classroom learning to practical scenarios that have real-life implications. Pupils will be asked to pick a local Charity to work with and plan a series of visits. These activities may include going along to a Care Home for the elderly, Community Grocery Store, Food Bank, Re-use Centre or a Church Coffee Shop. Pupils gain real-life experience and practice important habits like leadership, problem-solving, and time management.

Preparing for Working Life: In this half term pupils will be preparing for work and life in a short program aimed at better preparing pupils for life after they have left school. The course begins by looking at what to expect from Post-16 education/employment and what support is available. Following this, pupils will look at ways to travel both locally and abroad. They begin studying towards their Driver Theory Test and are given the opportunity to apply for their Provisional Driving Licence. Finally, pupils will gain an understanding of banking, credit and debt in the real world and look into benefits available to them once they leave school.