

New Rush Hall School - Year 10: Autumn 1.1

English	Maths	Science
<p>In English this half term pupils will be studying the 'George Floyd' unit. This unit will consist of comparing and contrasting text. Pupils will be examining a range of case studies relevant to incident and aftermath. They will be taught how to identify key themes as well extract implicit and explicit information. Pupils will be introduced to the concept of 'right and left wing' ideologies and explore how they use media propaganda to influence situations. To conclude the unit, pupils will produce two newspaper articles, consisting of fair and biased reporting. Pupils will read various newspaper articles from the BBC and New York Times. The focus of the reading sessions will be on retrieval and summarising.</p>	<p>In Maths this half term pupils will study number properties by using 4 operations and identifying factors of a given number, expressing these as a product of their prime factors. Following this, pupils will study Geometry and measure. Pupils will calculate missing angles and recognise why base angles are the same and why an angle of an equilateral triangle = 60°. Finally, pupils will study Algebra by learning to substitute integers into formula and expressions, using formula for the perimeter and area of standard shapes.</p>	<p>In Science this half term pupils will explore cells and unicellular organisms. They will be recalling the basic structures of prokaryotic and eukaryotic cells. Pupils will link the structure of specific specialised cells to their functions. They will also be given an opportunity to discuss the advantages and limitations of using models in Biology. Pupils will confidently use a microscope and calculate the magnification of a sample. Pupils will delve into the human digestive system, which provides the body with nutrients and the respiratory system that provides it with oxygen and removes carbon dioxide. In each case they provide dissolved materials that need to be moved quickly around the body in the blood by the circulatory system.</p>
PSHE	Art	PE
<p>In PSHE this half term, learning will focus on mental health, stigma and how to manage challenges during adolescence. Pupils will revisit earlier learning about mental health, identifying the signs of poor mental health and exploring strategies that promote positive mental health and emotional wellbeing. Pupils will learn how to manage challenges during adolescence and how to reframe negative thinking. Additionally, pupils will explore the portrayal of mental health in the media and will develop understanding and skills to challenge stigma, stereotypes and misinformation. Furthermore, pupils will learn how to access support and treatment.</p>	<p>In Art this half term pupils will begin to work on their coursework that will go onto form 60% of their final GCSE grade. Pupils are completing work on the theme of Identity and will start collecting source material from mind maps and mood boards. It is important that pupils incorporate their own photography into the work and continue to explore the works of artists related to the theme. Finally, pupils will research the works of these artists and go onto create their own outcomes from their source material using a range of different mediums including acrylic paints, collage and pastels.</p>	<p>In PE this half term pupils will take part in Gymnastics lessons. Pupils will begin with fundamental core floor skills so that they can perform skills correctly and safely. This will be taught as isolated practices to begin with and then be slowly moved into combining skills together to create a routine that can be judged or assessed. Pupils will explore core skills individually and in combination. They will focus on developing stability when holding their own body position and when supporting a partner, identifying the main aspects of a good performance and working with others in the group to discuss how performance could be improved.</p>
Geography	Food Technology	History
<p>In Geography this half term pupils will study Unit 1, Topic 1, 'Hazardous Earth'. Pupils will examine the key tectonic and climatological processes that shape the world and create hazardous situations for people. There are two broad key components for pupils to examine including getting the right level of detail about the physical processes that make up the different geographical systems: global atmospheric circulation, geological-scale climate change, greenhouse effect, cyclone formation, earth's structure, tectonic processes. Pupils will study the located examples of hazard events to compare and contrast the preparation and response in both developed and developing/emerging countries.</p>	<p>In Food Technology this half term pupils will look at the relationship between diet and health in regards to Government guidelines. Following this, pupils will investigate major diet-related health issues caused by poor diet and lifestyle. Finally, pupils will explore the different types of food and how long they take to cook i.e., Fish, Meat, Vegetables, Pasta, Rice and Baked products. As pupils look at these areas, they will also be making a mixture of products from a range of products including Stir-fry, Spaghetti Bolognese, Flat Bread and Chicken.</p>	<p>In History this half term pupils will be studying 'Germany 1890-1945. Germany and the growth of democracy'. Pupils will begin by exploring and analysing different interpretations about the impact of the Treaty of Versailles on post-war Germany. Following this, pupils will use different sources to examine the impact of hyperinflation on ordinary Germans. Pupils will then explain the attempts by left-wing and right-wing groups to take over the country by force. Finally, pupils will assess Stresemann's role in Germany's recovery.</p>
Business Studies	Music	Construction
<p>In Business Studies this half term pupils will be covering Unit 1, Topic 2 'Spotting a Business Opportunity'. Pupils will begin by exploring how a business can meet customer needs and analysing the links between meeting customer needs, generating sales and ensuring survival/growth. Following this, pupils will study a range of primary and secondary research methods and how market research, couples with market segmentation to support a business target a particular market. Finally, pupils will illustrate a market map and evaluate their impact in identifying gaps in the market.</p>	<p>In Music this half term pupils will be introduced to the BTEC programme, they will learn about the structure of the course and will be introduced to elements of each of the optional units in the course. Following this, pupils will learn about music history and the key musical elements of different genres for example Pop, Garage, Reggae. Finally, pupils will be asked to complete a series of clips, based on these genres, using Garageband. The clips will be 30 seconds to a minute long and will allow them to learn how to use the Garageband software.</p>	<p>In Construction this half term pupils will be given a refresher on the programme of study. Pupils will understand more about the structure of the course and what is expected of them over the year. Following this, pupils will begin Unit 10, 'Making Minor Repairs in a House', pupils will gain basic electronics knowledge, they will study how to wire plugs and fit lights and will be aware of any health and safety issues involving electronics. Finally, pupils will explore flat pack furniture and how to install kitchen cupboards and cabinets.</p>

Enrichment

As part of the Enrichment Programme, pupils will be given the opportunity to experience:

Diverse Voices: In this half term pupils will participate in Performing Arts, sessions will focus on expanding and challenging current acting skills, by exploring mime, movement and other ways of conveying meanings without dialogue. Through exploration of different art forms pupils also develop transferable skills that enhance non-verbal communication, perceptive awareness, self-expression and confidence both socially and in performing. Pupils will take part in a range of activity to build their confidence to perform in front of others.

Lambourne End: In this half term pupils will be on a low ropes course working on their balance and strength trying to say dry over more difficult challenges than previous years. Pupils will then be both climbing and abseiling down a 30-meter wall and trying more harder aspects of the wall. Following that, pupils will be developing their teamwork skills to overcome challenges over different obstacles and finally taking part in an archery session.

Employability and Work Experience: In this half term in our Employability and Work Experience Programme is aimed at giving pupils a greater understanding of the expectations that will be placed on them in the workplace. The course begins with pupils exploring career options and discussing what employers are looking for in potential hires. Following this, pupils work on the skills that employers want, practice their interview skills and discuss office politics. Finally, once pupils have sufficiently developed these skills, they take part in focused work experience that will leave them with a better understanding of the working world.

Fairlop Waters: In this half term pupils 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 trying paddle boarding. 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 take part in our Charity Programme, pupils will gain real-life experience and practice important habits like leadership, problem-solving, and time management. Volunteering offers pupils the opportunity to apply their classroom learning to practical scenarios that have real implications. Pupils will work together to pick a Charity of their choice and consider different ways they can give back to the community.

Rowing: In this half term pupils as part of the school's Rowing programme pupils will return to the Royal Docks Rowing Centre whereby they will work with an experienced team of Rowers to improve their understanding of what is required to successfully row in open water. This will 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.

Box Up Gym: In this half term pupils will visit a local boxing gym and take part in a specifically designed programme to boost their physical fitness as well as develop their self-discipline and confidence. Physical exercise is believed to allow for the dissipation of energy leading to improvements in anger, stress, mood, anxiety and overall quality of life. Pupils will have access to Box Up Mentors and Trainers who will support them with their personalised fitness plans.