

New Rush Hall School - Year 9: Summer 3.2

English	Maths	Science
In English this half term, pupils will study Dennis Kelly's <i>DNA</i> and explore themes including morality, peer pressure, leadership and responsibility. Through performance and discussion, pupils will analyse how characters respond to guilt, fear and group influence. They will investigate how dramatic techniques, stage directions and dialogue shape audience responses and consider what the play suggests about human nature. Pupils will develop analytical writing using the PETAL structure and produce creative responses from different character perspectives. The unit encourages pupils to evaluate difficult moral choices and consider how individuals can be influenced by those around them.	In Maths this half term pupils use congruent shapes to solve problems about triangles and other polygons. They will work out whether shapes are similar, congruent or neither. When determining whether shapes are congruent, pupils will apply the SSS, ASA, SAS, AAS rules for triangles and look at scale factor when determining similar triangles. Pupils will use opposite, adjacent and hypotenuse for naming the sides of a right-angled triangle. Finally, pupils will use these trigonometric ratios to work out unknown angles and sides in a right-angled triangle. Pupils will complete the term by beginning to explore the Maths GCSE course.	In Science this half term pupils will explore waves and resource use. In physics, they will compare transverse and longitudinal waves, study their properties, and use the wave equation to calculate frequency, wavelength, and velocity. Pupils will investigate refraction and reflection through practicals such as the ripple tank and explain how waves are used in medicine and technology. In chemistry, they will explore the reactivity of metals, displacement reactions, and methods of metal extraction. Pupils will also study water purification, including distillation and desalination, and test water for purity. Finally, they will investigate materials such as ceramics and composites, life cycle assessments, and sustainable use of resources, evaluating environmental and social impacts.
PSHE	Art	PE
In PSHE this half term, pupils will explore equality, diversity and the influence of communities on beliefs and behaviour. They will investigate the importance of human rights, respectful debate and active citizenship while considering how discrimination, prejudice and extremism can affect individuals and society. Pupils will also explore strategies for evaluating information critically and responding safely to harmful influences. This unit encourages pupils to become thoughtful, respectful and responsible members of their communities.	In Art this half term pupils will be introduced to the Art GCSE course. This will start with the theme of 'Identity', pupils will be informed how the GCSE is graded and will be introduced to the assessment objectives. Following this, pupils will begin to create mind maps and mood boards based on the theme, they will complete critical research and observational drawings that will form the backbone of the project to come. Finally, pupils will research artists and artwork that relate to the project and will have a solid framework to continue the project in Year 10.	In PE this half term pupils will focus on kwik cricket, rounders, and athletics. They will demonstrate their knowledge of the rules of each sport, focusing on techniques such as batting, bowling, and fielding in cricket, batting, fielding, and base running in rounders. In athletics pupils will focus on events such as the 100/200m sprint, shot put and triple jump, demonstrating the correct technique for each key event. Through structured activities, practice matches, and competitive races, pupils will deepen their understanding of game tactics, teamwork dynamics, and sportsmanship principles in each discipline. By fully engaging with these activities, pupils will not only enhance their physical abilities but also develop crucial communication, coordination, and strategic thinking skills essential for success in a variety of sports.
Geography	Food Technology	History
In Geography this half term pupils will study Unit 1, Topic 1 'Global Geographical - Hazardous Earth. Pupils examine the key tectonic and climatological processes that shape the world and create hazardous situations for people. They will examine hazards across the world including hurricanes and flooding. Pupils will explore the causes of these hazards and discover how countries manage them. Finally, pupils will compare two case studies and be able to explain why the impacts of hazards can vary from place to place.	In Food Technology this half term, pupils will investigate the relationship between diet, lifestyle and long-term health. They will explore how food choices can contribute to conditions such as obesity, heart disease and type 2 diabetes, while learning how nutritional knowledge can support healthier living. Practical lessons will encourage greater independence and introduce pupils to GCSE-style investigation and evaluation skills. Pupils will prepare increasingly complex dishes using a range of techniques and ingredients, considering nutrition, cost and presentation. By the end of the unit, pupils will be well prepared for the demands of GCSE Food Technology.	In History this half term pupils will continue studying 'Germany 1890-1945'. Pupils will begin by exploring Germany and the Depression. They will discuss the causes and effects of the Depression in Germany. This knowledge will then be used to explain how it affected the growth of extremist parties, focusing on the growth in popularity of the Nazi Party from 1928 to 1932. Following this, pupils will describe the events from 1930 to 1933 that allowed Hitler to come to power. Finally, pupils will summarise the events that led Hitler and the Nazis to take complete control of Germany and its impact on ordinary German citizens.
Business Studies	Construction	Sports Science
In Business Studies this half term pupils will study Unit 1, Topic 1, 'Enterprise & Entrepreneurship'. Pupils will begin by exploring the roles of business enterprise and the purpose of business activity to include taking risks, managing resources and making decisions. Following this, pupils will explore and compare methods that businesses can use to add value and how such methods could provide businesses with competitive advantage. Finally, pupils will explore how business ideas come about and analyse a range of possible risks and rewards that may come as a result of business activity.	In Construction this half term, pupils will build on prior experience to develop practical skills across carpentry, bricklaying, plumbing, and painting. They will learn to identify materials, use tools safely, and apply accurate techniques to real-world projects. Through guided tasks, pupils will practise making joints, laying bricks, cutting and joining pipes, and applying painting methods. They will be encouraged to problem-solve and reflect on their outcomes. In addition, pupils will explore health and safety, PPE, and teamwork, with emphasis on evaluating their finished work and understanding the wider applications of construction trades in everyday environments.	In Sports Science this half term, pupils will investigate the benefits of sport and physical activity, including improved health, mental wellbeing, and social development. They will examine outdoor activities, types of provision, and barriers that different groups face in accessing sport. Pupils will explore participation across a range of demographics, including those with disabilities or long-term health conditions, and assess strategies used to increase inclusion. Through research, presentations and case studies, pupils will deepen their understanding of how sport can be made more accessible and inclusive, and reflect on how national initiatives address participation inequalities.
Music	Performing Arts	
In Music this half term, pupils will begin preparing for Key Stage 4 by exploring the expectations of BTEC Music Practice. They will analyse a range of musical genres and develop listening and appraisal skills using appropriate musical terminology. Through practical activities, pupils will use digital audio workstations to sequence, record and edit music while strengthening their performance skills through rehearsal and ensemble work. Pupils will evaluate their recordings and performances, using feedback to improve their work and develop the independence, creativity and technical skills needed for future success in music.	In Performing Arts this half term pupils explore improvisation and devising through practical performance activities. Inspired by the work of Merce Cunningham and John Cage, they investigate how chance methods and spontaneous ideas can be used to create original performances. Pupils develop key skills including movement, vocal expression, timing, and ensemble communication while working collaboratively to generate and refine their ideas. Through rehearsal, reflection, and feedback, they build confidence, creativity, and independence. The unit culminates in pupils performing an original devised piece that demonstrates their understanding of improvisation and contemporary performance.	

Enrichment

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

Skiing, Assault Course, Fairlop Waters: As part of the enrichment programme this half term, pupils take part in Enrichment in their KS4 classes and begin with one of three high-impact enrichment experiences: dry slope skiing, a challenging assault course, or water sports at Fairlop Waters.

Skiing lessons build on earlier physical coordination and confidence by introducing pupils to balance, control, and movement on slopes. The assault course encourages problem-solving, resilience, and teamwork under pressure, helping pupils strengthen both physical and mental stamina. Meanwhile, Fairlop Waters provides opportunities to try sailing, canoeing, or paddleboarding, building water safety, collaboration, and outdoor confidence.

Swimming: In this half term pupils will be taught based on their swimming ability. More experienced swimmers will work on developing their Front Crawl, Head Surface Dives, Backstroke, Pre-diving skills and Butterfly. Lessons will take place in 25 x 12.5-meter pool. Less experienced swimmers will swim in a smaller 12.5 x 5 meters pool and learn to develop their skills focusing on their Front Crawl, Front Crawl Breathing, Backstroke and Breaststroke.