

New Rush Hall School - Year 8: Spring 2.2

English	Maths	Science
This half term pupils will study Shakespeare's <i>Romeo and Juliet</i> , exploring themes of love, conflict, family and fate. Through performance and discussion, pupils will build confidence in understanding Shakespearean language and investigate how key characters influence the tragic events of the play. They will examine Elizabethan ideas about marriage, social class and family expectations while considering how audiences past and present may respond differently. Pupils will develop analytical writing using evidence and context, alongside creative tasks such as diary entries, speeches and newspaper reports. The unit concludes with pupils evaluating responsibility for the tragedy and its lasting impact.	In Maths this half term pupils will classify quadrilaterals and solve geometric problems using their side and angle properties. Pupils will then use angle properties to identify and solve problems involving alternate and corresponding angles in parallel lines. Pupils investigate the properties of interior and exterior angles of polygons and use these properties to calculate missing angles. Finally, pupils will set up equations and then use these to solve geometric problems involving angles on a straight-lines, vertically opposite angles, angles around a point and angles in a triangle.	In Science this half term pupils will explore chemical reactions and Earth processes. They will compare physical and chemical changes, applying the law of conservation of mass to reactions, and balance chemical equations. Pupils will investigate oxidation and reduction and explore how metals react with oxygen and acids, recalling tests for hydrogen and carbon dioxide. They will then shift focus to Earth science, where they will study the formation of igneous, sedimentary, and metamorphic rocks, and describe the rock cycle. Pupils will investigate the water cycle and the transfer of carbon in the carbon cycle, including the impact of fossil fuels, combustion, pollution, and global dimming.
PSHE	Art	PE
In PSHE this half term pupils will explore the physical and emotional changes that occur during puberty while developing a positive understanding of growing up. They will learn about body image, self-esteem, personal hygiene and reproductive health, alongside the importance of consent, boundaries and respectful relationships. Pupils will also explore the risks associated with online grooming and exploitation, developing the confidence to recognise inappropriate behaviour and seek support when needed. This unit promotes healthy relationships, personal safety and emotional wellbeing.	In Art this half term pupils will explore art works on the theme of 'Pop Art'. Pupils will learn about works by artists Andy Warhol, Roy Lichtenstein and Carrie Ann Baade. They will research objects of popular culture and compare them to objects that were used in the time of the artists. Pupils will create a composition with their chosen, observing and recording this still life. They will look at Pop Art fonts used by Roy Leitchenstein and create their own fonts, further developing their design. Pupils will establish their own colour scheme and then transfer their design to the t-shirt and embellish it using fabric pens and paints	In PE this half term pupils will focus on two sports: rugby and badminton. They will start by mastering the fundamental skills and rules of both disciplines, focusing on techniques such as passing, tackling, and strategic gameplay in rugby, and serving, rallying, and court positioning in badminton. Through structured activities, scrimmages, and competitive matches, pupils will deepen their understanding of game tactics, teamwork dynamics, and sportsmanship principles. By immersing themselves in these sports, pupils will not only enhance their physical abilities but also develop crucial communication, collaboration, and decision-making skills essential for success both on the field and the court.
Geography	History	Food Technology
In Geography this half term the pupils will continue their population topic by exploring different types of migration. They will explain 'push and pull' factors and consider social, economic, political and environmental reasons for migration. They will describe the major migration routes and destinations and identify the push and pull factors for migration between USA and Mexico. The pupils will explore the process of rural to urban migration. They will explore how global patterns of urbanisation are changing and discover how urbanisation changed a UK city.	In History this half term pupils will continue their study of the Industrial Revolution by investigating developments in transport, industry and public health. They will explore how canals and railways transformed travel and trade and examine the impact of rapid urban growth on towns and cities. Through the study of overcrowding, disease and sanitation, pupils will investigate why public health became an important issue during the nineteenth century. They will also explore the work of individuals including John Snow, Edwin Chadwick and Joseph Bazalgette, evaluating how their contributions improved living conditions.	In Food Technology this half term, pupils will investigate the Six R's of sustainability: Recycle, Reduce, Reuse, Rethink, Repair and Refuse. They will explore how these principles can be applied to food preparation, packaging and consumer choices. Pupils will learn how leftovers can be reused creatively and examine the environmental impact of different packaging materials. Practical activities will encourage pupils to minimise waste while continuing to develop their cooking skills and independence. Through evaluating their dishes and considering sustainability, pupils will understand how responsible choices can help protect the environment and support the future of food production.
Spanish	Computer Science	Enrichment
and use the verb "tener" to talk about family and pets. They will practice using possessive adjectives and adjective endings to describe family members and animals accurately. Pupils will improve their listening and speaking skills through songs, role-plays, and presentations, including creating and describing family trees. The cultural focus will be on the Aztec civilization, with pupils researching and presenting information about this ancient society. This unit supports number skills, personal identity expression, and language structure in meaningful contexts.	In Computer Science this half term pupils will be studying 'Multi-Level Game Development and Micro:bit Integration'. Pupils will continue developing their multi-level Scratch games, applying debugging strategies and peer feedback to improve gameplay and functionality. They will explore Micro:bit programming, learning to use inputs, sensors, and outputs before integrating Micro:bit controls into their games. Pupils will ensure their final product includes working levels, interaction, and user-responsive features. The term will conclude with a final project presentation, where pupils showcase their games, explain their design and problem-solving process, and reflect on how computational thinking supports real-world software and physical computing development.	As part of the Enrichment Programme, pupils will be given the opportunity to experience: 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 pool 12.5 x 5 meters and learn to develop their skills focusing on their Front Crawl, Front Crawl Breathing, Backstroke and Breaststroke.