

New Rush Hall School - Year 7: Autumn 1.2

English	Maths	Science
In Maths this half term pupils will study Charles Dickens' <i>A Christmas Carol</i> , exploring how writers use language and structure to create memorable characters and powerful messages. Pupils will examine Scrooge's transformation and consider themes including poverty, compassion, responsibility and redemption. They will develop an understanding of Victorian England and investigate how context influenced Dickens' writing. Alongside analytical reading, pupils will complete a range of transactional writing tasks, including letters, speeches and diary entries for different audiences and purposes. Throughout the unit, pupils will practise selecting quotations, using subject terminology and improving the accuracy and clarity of their written responses.	In Maths this half term pupils will be studying 'Expressions, Functions and Formulae' alongside 'Decimals and Measures'. They will simplify algebraic expressions, write and substitute into formulae, and explore function machines using correct mathematical notation. Alongside this, pupils will develop their understanding of decimals through rounding, estimation, and calculations involving perimeter, area, and unit conversions. They will convert between metric and imperial units, interpret scale diagrams, and solve real-life measurement problems. Emphasis will be placed on accuracy, method selection, and use of appropriate units. Both topics will be consolidated through practical application and assessed at the end of term.	In Science this half term pupils will study the particle model and how it explains the behaviour of matter. They will recall the properties of solids, liquids, and gases and describe how changes of state occur, including melting, freezing, and boiling. Pupils will explain diffusion, investigate how temperature affects it, and learn how to measure density by calculating mass and volume, including for irregular objects. Safe heating methods, such as the use of a Bunsen burner, will be introduced. Finally, pupils will explore pressure in gases, using the particle model to explain how it arises and applying simple equations, while developing their practical skills in planning and carrying out investigations
PSHE	Art	PE
In PSHE this half term pupils will explore Christianity and develop their understanding of how beliefs, values and traditions influence the lives of individuals and communities. They will investigate key Christian teachings, symbols and practices, while learning about the diversity within Christianity and how different denominations worship. Pupils will also compare Christian values with their own experiences and those promoted within school. A visit to a local church will help bring learning to life and encourage reflection on the importance of respect, tolerance and understanding in a diverse society. This unit develops pupils' religious literacy and appreciation of different beliefs and cultures.	In Art this half term pupils will be focused on drawing techniques. Pupils will learn about different pencils and pens. They will learn shading methods and how to draw 2D and 3D shapes and also learn to draw from observation using measuring techniques. Following this, pupils will complete studies using contour lines to show depth and form we will then bring in objects to draw from real life. Finally, towards the end of the term pupils will begin to create cards and decorations for Christmas holidays.	In PE this half term pupils will concentrate on developing their skills and athleticism in handball and athletics. In handball, they will refine passing, catching, and shooting techniques, as well as delve into more advanced strategies and teamwork dynamics. Athletics lessons will focus on enhancing running, jumping, and throwing abilities, with a particular emphasis on improving technique and possibly exploring specialized events. These activities aim to enhance pupil's physical fitness, coordination, and strategic thinking, providing a solid foundation for continued growth in both sports.
Geography	Food Technology	History
In Geography this half term pupils will continue the topic 'What Skills Does A Geographer Need?' They will use contour patterns to describe the land and explain how height is shown. Pupils will use aerial photographs to describe features and land use. They will combine maps and photographs to locate and describe features and they will discover how to follow a route on a map.	In Food Technology this half term, pupils will explore how food products are designed to meet the needs of different consumers. They will investigate target audiences, create design briefs and use the SATSUMAS framework to develop product specifications. Pupils will consider factors such as taste, appearance, cost and storage when designing products. Practical lessons will focus on developing hygienic working habits while preparing and adapting a range of dishes. Pupils will take part in sensory testing and evaluations, learning how products can be improved. By the end of the unit, pupils will confidently design, make and evaluate food products independently.	In History this half term pupils will continue studying 'The Norman Conquest'. Pupils will begin by understanding what is meant by a 'Motte and Bailey' castle. Following this, pupils will visit Mountfitchet Castle in Essex, where they will recall some of the weapons, methods and tactics used to get into a castle. Pupils will then explain the purpose of the Domesday Survey. Finally pupils will examine the feudal system and be able to illustrate exactly how it worked.
Music	Spanish	Enrichment
In Music this half term pupils will build upon the knowledge and skills developed in Autumn 1 through practical performance and ensemble work. They will revisit rhythm, notation and instrument families before developing correct playing techniques on ukulele, keyboard and percussion instruments. Pupils will learn the importance of pulse, timing and teamwork when performing with others and will explore how dynamics, texture and tempo can improve a performance. Through rehearsal and reflection, pupils will develop resilience and confidence while learning to evaluate their own work using appropriate musical vocabulary. The unit concludes with a performance project celebrating their progress throughout the term.	In Spanish this half term pupils will be studying 'The Spanish-Speaking World and Basic Introductions'. Pupils will learn to identify and locate Spanish-speaking countries, exploring key aspects of language and culture. They will practise greetings, introductions, and asking and answering questions about names and ages. There will be a focus on correct pronunciation, verb endings, and the use of the verb <i>tener</i> in context. Pupils will also revisit numbers and dates through songs and paired speaking tasks. The half term will end with a cultural lesson exploring <i>El Día de la Hispanidad</i> and reflecting on the impact of Spanish colonisation.	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 a 25 x 12.5-meter pool. Less experienced swimmers will swim in a smaller 12.5 x 5-meter pool and learn to develop their skills focusing on Front Crawl, Front Crawl Breathing, Backstroke and Breaststroke.