

# New Rush Hall School - Year 7: Autumn 1.2

English	Maths	Science
<p>In English this half term pupils will be studying the following books:</p> <ul style="list-style-type: none"> <li>• "The Wolves In The Walls"</li> <li>• "The Day I Swapped My Dad For Two Goldfish" by Neil Gaiman</li> <li>• "A Christmas Carol" by Charles Dickens</li> </ul> <p>Pupils will explore underlying themes such as fears and family dynamics. They will identify the use of metaphors in a text, using their own in creative writing and storytelling. Following this, pupils will study the conventions of a traditional ghost story; exploring themes and character motivation then creating pen portraits of the main characters in the story. Finally, pupils will create their own ghost stories for a chosen audience.</p>	<p>In Maths this half term pupils will find outputs of simple and complex functions in words and symbols, simplify simple linear Algebraic equations by collecting like terms, and construct expressions using all four number operations including substituting integers in simple formulae. Following this, pupils will explore transformations of shapes: rotation and fractions of turn and both congruent and incongruent shapes. Pupils will then interpret information from simple real-life graphs – using examples of temperature, rainfall and conversion. Finally, pupils will also read and plot co-ordinates in all four quadrants.</p>	<p>In Science this half term pupils will already be aware of the life cycle of humans and plants. They will be shown the male and female reproductive system and learn to label the structures and give the function of the male and female reproductive systems. Pupils will be able to name some of the changes experienced by males and females during puberty; changes they may already be experiencing. Having previously been taught the special adaptations and structures of the sperm and egg cell, they will then compare and contrast them. Following this, pupils will be able to describe the process of fertilisation and be taught the stages of development during a healthy pregnancy.</p>
PSHE	Art	PE
<p>In PSHE, this half-term learning will focus on developing pupils understanding of Christianity. Pupils will revisit previous learning about the Virgin Mary and the birth of Jesus. Following this, pupils will discuss their own experience and understanding of Christianity. Pupils will then explore Christian values and make links to the values of NRHS and the British Values. Pupils will learn about key elements of the Christian faith such as The Trinity. Pupils will experience sensory elements of Christianity through the ringing of the bells, smelling olfactory incense and reviewing the Bible. Pupils will also visit a local church to bring their learning to life.</p>	<p>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 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.</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 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.</p>	<p>In Food Technology this half term pupils will look at how products are developed from design briefs and specification. Following this, pupils will investigate the difference from a 'want' and 'like' in regards to a food product and the links to dietary needs for age and lifestyle. Finally, pupils will look again at the Eatwell plate and eight tips for healthy living as well as energy balance. As pupils look at these areas, they will also make a mixture of products from a range of products including baking cakes and festive foods.</p>	<p>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.</p>
Music	Enrichment	
<p>In Music this half term pupils will be introduced to GarageBand. They will learn how to use the basic controls and functions of the programme. Pupils will use a midi keyboard and a pad controller to input into GarageBand and will also use the pre-set sounds and loops to help build tracks. Following this they will study 3 different genres of music; we will look at the BPM and the instrumentation typical of the genre. Finally, pupils will attempt to use the knowledge learnt to create short tracks based in the genres they have studied.</p>	<p>As part of the Enrichment Programme, pupils will be given the opportunity to experience:</p> <p><b>Lambourne End:</b> In this half term pupils will be continuing with their learning and development in a range of outdoor activities. Pupils will be applying what they learnt in the first half term to progress to more difficult aspects on the Climbing Wall, Abseiling and Low Ropes Course. Following on from the skills they have already learnt, they will be learning both Fencing and Archery. Finally, pupils will zip wire along a 300 feet cable, if they dare to jump.</p> <p><b>Swimming:</b> 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.</p>	