

New Rush Hall School - Year 7: Spring 2.2

English	Maths	Science
<p>In English this half-term pupils will study the book 'A Monster Calls', by Patrick Ness. Pupils will identify themes in the novel and explain inferences based on evidence from more than one place in the text. Following this, pupils will explore the characters' motivations during discussion and exploration of the text. Pupils will identify metaphors in the text and explore how they can incorporate metaphors into their own writing, creating a story on a given theme. Finally, pupils develop their skills of planning, drafting, proof reading and re-drafting their own writing.</p>	<p>In Maths this half-term pupils will solve simple problems involving ratio and proportion, learning to identify suitable units of measurement to estimate and solve problems in everyday contexts involving length and area. Pupils will explore metric and imperial measurement, learning to convert using formula. Following this, pupils will measure and calculate perimeters of rectangles and regular polygons and calculate the measurement of a side given the perimeter of squares and rectangles. Finally, pupils will calculate the areas of squares and rectangles.</p>	<p>In Science this half term pupils will use the particle model to explain the differences between solids, liquids and gases. They will research and explore how the models support and relate to different theories. Following this, pupils will classify materials using experimental evidence into solids, liquids and gases. The Periodic Table will be used to support the pupils to distinguish between elements and compounds and show how they are represented by symbols and formulae. Pupils will then recognise how, when atoms join together a chemical reaction has taken place.</p>
PSHE	Art	PE
<p>In PSHE this half term, learning will focus on health and wellbeing, including how to make healthy lifestyle choices and how to manage physical and emotional changes during puberty. Pupils will explore how to develop healthy routines including diet, dental health, physical activity and sleep as well as how to manage influences relating to caffeine, vaping, smoking and alcohol. Following this, pupils will build on previous knowledge on how to recognise and respond to inappropriate and unwanted contact. Furthermore, pupils will learn about FGM and how to access help and support.</p>	<p>In Art this half term pupils will be studying OP Art. They will be looking at the work of Bridget Riley and Victor Vasselly. Pupils will learn how to construct optical illusions and focus on accuracy when using pencils and rulers. Following this, pupils will consolidate knowledge of the colour wheel and revisit shading and blending techniques to create the illusion of being 3D. Pupils will create either an Op Art final outcome or a series of OP Art cubes to put on display.</p>	<p>In PE this half term pupils will develop their Basketball skills. Basketball is an invasion game identified by the National Curriculum as a sport that can be used to equip the pupils with the skills necessary to learn to be able to overcome opponents in direct competition. This unit looks to build upon the key physical skills such as agility, balance, co-ordination and use them to learn and develop the key physical and tactical components of the game of basketball. Pupils will develop a solid understanding of the tactical aspects of invasion games such as attacking and defending and other tactical components of the game.</p>
Geography	Food Technology	History
<p>In Geography this half term the pupils will continue with the topic 'What Is An Economy?' Pupils will discover how primary, secondary and tertiary sectors work together to make an economy and examine how natural resources are used in manufacturing. They will identify ways in which places around the world are interconnected. Pupils will investigate what 'trade' is and how it works and explain the main UK imports and exports. They will investigate the concept of globalisation and describe the impact of globalisation on China. Finally, pupils will discover how containerisation has transformed global trade.</p>	<p>In Food Technology this half term pupils will be looking at role macronutrients play in our diet in the forms of protein, fats, carbohydrates, vitamins, minerals and why we need them. Following this, pupils will be exploring the need for a healthy diet and being aware of what the body needs. Finally, pupils will be looking at different alternative food choices they can make in regards to salt, sugar, fats and healthier options. As pupils look at these areas, they will also be making a mixture of products from a range of products including Soups, Sandwiches and healthy snacks.</p>	<p>In History this half term, pupils will carry on studying 'Feudalism, Life and Religion in the Middle Ages'. Pupils will begin by exploring what life was like in a medieval town. They will then investigate village life during the Middle Ages. This knowledge will be used to compare food in medieval times with the food we eat today. Pupils will then explain why heraldry was important in medieval society. Finally, pupils will compare the rights of women today with those of women in the Middle Ages.</p>
Enrichment		
<p>As part of the Enrichment Programme, pupils will be given the opportunity to experience:</p> <p>Diverse Voices: In this half term pupils will participate in Performing Arts, pupils will focus on acting without dialogue and devising in art form. Pupils will expand and challenge their current acting skills, by exploring mime, movement and other ways of conveying meanings without dialogue. Through exploration of these art forms pupils will also develop transferable skills that enhance non-verbal communication, perceptive awareness, self-expression and confidence both socially and in performing.</p> <p>Cycling - Olympic Park: In this half term pupils put the skills developed during the 'Bikability' to the test. Firstly, pupils will visit the BMX track that was used in the 2012 Olympic Games, they will be developing skills in Cornering, Race Lines, basic Jumping and Pumping to build up speed over the rolls. Following this, pupils will then have two weeks on the Mountain Bike Course where they will explore the importance of body positioning whilst learning how to climb and descend safely. Finally, pupils will get a chance to visit the world-famous Velodrome, which is still being used for international Cycling events. They will be taught how to ride fixed wheel bikes that have no brakes and how to ride on the banked cycle racing track. All these track sessions will be led by a qualified Instructor and safety equipment will of course be worn at all times</p> <p>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.</p>		