

# New Rush Hall School - Year 7: Summer 3.2

English	Maths	Science
<p>In English this half term pupils will focus on a topic based on the novel 'Stone Cold' by Robert Swindells. Pupils will read and study the text to explore issues around homelessness, identifying and discussing reasons why it happens and their own, and society's, responses. Following this, pupils will plan and carry out an extended writing task focused on researching key issues and themes. Finally, pupils will explore the thriller genre, developing their proof reading, editing skills and use of expanded phrases.</p>	<p>In Maths this half term pupils will learn how transform shapes by reflecting a shape in a mirror line, firstly with the use of a mirror and then moving on to using tracing paper. Following this, pupils will translate a shape using a vector followed by drawing and describing rotations to include direction of rotation, angle of rotation and centre of rotation. Finally, pupils will explore and identify congruent shapes and extend their understanding with problem solving. Pupils will be able to explain that the original shape is called 'the object' and the transformed shape is called 'the image'.</p>	<p>In Science this half term pupils understanding of the Solar System will be consolidated. Pupils will be expected to recall that the Sun, Earth, Moon and other planets in the Solar System. They will build upon their knowledge by discussing the movement of the Sun and will explain why it appears to move across the sky during the day. Following this, pupils will learn about luminosity, to be able to distinguish between luminous (Sun) and non-luminous (Earth/Moon) objects. Finally, pupils will learn how to describe the phases of the Moon over a 28-day period in a regular sequence and observe images/videos of eclipses of the Moon and Sun.</p>
PSHE	Art	PE
<p>In PSHE this half term learning will focus on living in the wider world including how and why to make safe financial choices. Pupils will use case studies to learn about saving, spending and budgeting, building a financial vocabulary which will aid them in identifying spending and saving habits. In addition to this, we pupils will practice skills of critical consumerism learning about ethical and unethical business practices. Furthermore, pupils will learn skills to manage risk- taking behaviour and be able to identify the difference between wants and needs.</p>	<p>In Art this half term we will be finding out about how costumes are used in different cultures with a focus on the carnivals and festivals in Rio and Notting Hill. Masks and head dresses play a part in almost every culture on the planet. Pupils will research different costumes from different cultures and then design and make our own. They will draw upon visual research of animals to provide inspiration for their designs. Finally, pupils will learn how to construct shapes from a cardboard base and build up features using Papier Mache or Modrock.</p>	<p>In PE this half term pupils will develop their Table Tennis skills Table-tennis can be used to teach pupils a variety of other key skills including tactics and strategies to overcome opponents in direct competition. Pupils will focus on improving their consistency of shot and their ability to rally and serve before moving on to the more complex skills of greater shot type, shot selection and movement. They will be taught the fundamentals of the game to ensure that they have all of the necessary skills to ensure that they are best equipped to be able to go and master the more complex techniques and components of the sport.</p>
Geography	History	Computer Science
<p>In Geography this half term pupils will continue to study 'What is Weather and Climate?' They will explore the UK weather and climate and explain the difference between weather and climate. Pupils will read and draw climate graphs. They will explore climate distribution around the world and identify reasons for variation in climate, both globally and within a country.</p>	<p>In History this half term, pupils will be studying 'The Renaissance and Reformation'. Pupils will begin by exploring and understanding how and why Luther challenged the Catholic Church. Following this, pupils will explain how and why Eduard VI changed religion in England and examine the impact of Queen Mary's reign. Pupils will then analyse how Elizabeth I tried to end religious turmoil in Tudor England. Finally, pupils will explore the Babington Plot and why the King of Spain decided to invade England in 1588.</p>	<p>In Computer Science this half term pupils will use basic programming techniques Scratch to demonstrate how arithmetic operators, if statements, and loops, are used within programs and declares and assigns variables. Following this, pupils will use logical reasoning to predict the behaviour of programs, working independently, with a lot of research and self-led tasks. Finally, pupils will build programs that implement algorithms to achieve given goals. This unit of work fits into the 'Computational Thinking' and 'Programming' strands of the Computer Science Curriculum.</p>
Enrichment		
<p>As part of the Enrichment Programme, pupils will be given the opportunity to experience:</p> <p><b>Rowing:</b> In this half term pupils will be building on the Rowing skills previously learned pupils will develop more holistic skills such as problem solving, leadership, resilience, and teamwork. This will see pupils progress through a range of challenges in the in-door gym and training pool before being set free on the open water to put into practice all they have learned.</p> <p><b>Activities in the Community/Charity:</b> In this half term, as part of our Charity Programme, pupils will be helping in the local community through volunteering with different charity-based programmes. Volunteering offers pupils the opportunity to apply their classroom learning to practical scenarios that have real implications. Pupils will be given a great sense of purpose and increase their social skills volunteering alongside both adults and peers. These activities may include going along to a Care Home for the elderly, Community Grocery Store, Food Bank, Re-use Centre and a Church Coffee Shop. Pupils gain real-world experience and practice important habits like leadership, problem-solving, and time management.</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>		