

New Rush Hall School - Year 3 & 4 (Amethyst 3) : Summer

English	Maths	Science
<p>In English this term pupils will read and listen to a range of fiction and non-fiction texts. They will explore writing narratives and will plan a class story together. Pupils will be taught how to group paragraphs around a theme and how to extend their sentences by adding different conjunctions. Where appropriate, pupils will add direct speech to their narratives. Pupils will be exposed to a range of genres and they will be encouraged to apply the feature of different styles of writing to their work. Pupils will plan and redraft their work. They will read their work out loud and will identify improvements that can be made to their writing, e.g., alternative word choices. Pupils will learn about choosing nouns and pronouns appropriately and will use conjunctions, adverbs and prepositions correctly. Headings and sub-headings will be explored as a means of aiding presentation. Sentence demarcation will be reinforced and pupils will learn about the possessive apostrophe.</p>	<p>In Maths this term pupils will recap 2D and 3D shapes, including nets. Pupils will learn about perpendicular, parallel lines and right angles and will identify them. Different types of triangles will be identified and described. Lines of symmetry will be found in different shapes. Positional direction will be taught and pupils will recap movement and direction with specific vocabulary linked to shape and they will work in pairs to do this. Pupils will also focus on statistics and they will interpret, collect and represent data from graphs. They will create picture graphs. Non unit fractions will be explored including identifying, representing and comparing them. Pupils will add and subtract within a whole and will simplify fractions finding equivalents. Pupils will explore the relationship between tenths and hundredths. Money skills will be taught and pupils will explore £, p and notes as well as calculating change. Pupils will continue to explore problem solving as well as rounding and place value.</p>	<p>In Science this term pupils will learn about Magnets and Forces. They will be taught how to explain the difference between pushes and pulls in everyday life. Pupils will investigate moving objects on different surfaces. The differences between magnetic and non-magnetic materials will be explored and pupils will test and sort objects into these groups. Uses of magnets in real life and testing the strength of magnets will be investigated. Pupils will also explore friction and why it is needed in everyday life. Moving on, pupils will explore human teeth. They will name and identify different types of teeth. Pupils will compare milk teeth to adult teeth. Comparisons will be made with human teeth and animal teeth. These will be linked with the animal's diet. Pupils will investigate the damage food and drinks can cause to their teeth. Pupils will learn about the impact of sugar and acid on their teeth and why a healthy diet is important.</p>
PSHE	Art	PE
<p>In PSHE this term pupils will learn about Respect and Differences. They will understand what being part of a community requires and different communities they belong to, for example, school, neighbourhood, sports teams or clubs. Pupils will compare similarities and differences between the different communities they are part of. Pupils will explore what human rights are and that everyone has them. Reflection will take place around the countries that do not respect human rights. Building on this, pupils will understand the special human rights that children are entitled to and what life would be like if these rights were taken away. Laws and rules which keep people physically safe will be explored and how they are enforced will be identified. Pupils will learn about anti-social behaviour and how it can affect other people in society. Pupils will appreciate the diversity that exists within the UK and will consider the benefits of different genders, ethnicity, ages and religions.</p>	<p>In Art this term pupils will learn about Roman Art. They will explore different examples of Roman art work and express their preferences and observations of what they see. Collage skills will be developed as pupils create a repeating pattern using squared paper. They will choose different colours for different effects and will be encouraged to explain reasons for their choices. Pupils will also focus on cutting their squares accurately. Moving on, pupils will identify and replicate Roman mosaic patterns which they will gather from their own research. They will then build on this to design and create an animal using mosaics choosing appropriate colours. Pupils will have the opportunity to design a vase in mosaics. They will then replicate this design using mosaic and collage techniques. Throughout this topic pupils will be encouraged to use tools such as brushes, pencils and scissors safely. Pupils will also be encouraged to say what they like about their work and how they would improve it.</p>	<p>In PE this term pupils will take part in Athletics and Table Tennis. Pupils will continue to apply and develop a broader range of skills, learning how to use them in different ways and in different sports to link them to make actions and sequences of movement. They should enjoy communicating, collaborating and competing with each other. They will develop an understanding of how to improve in different physical activities and sports and learn how to evaluate and recognise their own success. Pupils will be taught to: use running, jumping, throwing and catching in isolation and in combination; play competitive games and apply basic principles suitable for attacking and defending; develop flexibility, strength, technique, control and balance, compare their performances with previous ones and demonstrate improvement to achieve their personal best.</p>
Geography	History	RE
<p>In Geography this term pupils will learn about the topic Europe and will focus on studying Italy and its key characteristics. Italy will be located on a map and pupils will name the seas surrounding it. Maps of Italy including a key for additional information will be created. Pupils will investigate the climate of Italy and will recap the difference between weather and climate and the impact of the equator on climate. The physical and human features of Italy will be explored and what the difference is between the two. Pupils will find out about Italian tourist attractions and why they are popular. Building on knowledge of tourism, pupils will explore the culture of Italy and this will include finding out about food, religion and the Romans. Pupils will discuss agricultural reasons for food being different in the North than the South. Pupils will also compare geographical features of Italy to those of the UK beginning with climate and then progressing to landscapes.</p>	<p>In History this term pupils will be learning about Roman Britain. Italy will be located on a map and its proximity to the UK discussed. Its position on a historical timeline will be located. Pupils will explain how Ancient Rome became an empire. The life of Julius Caesar will be explored and pupils will learn about the significance of his achievements. Pupils will learn about why the Romans invaded Britain. They will investigate how the Romans established London. They will identify ways the Romans changed Britain, for example, building roads that still exist today. Pupils will explore the legacy of the Romans and their architecture including roads and bridges. The significance of the Colosseum will be researched, they will explore its key features and events that took place there. Pupils will learn about why the Empire ended and reasons for this. Using knowledge pupils have built up they will discuss the lasting legacy of the Roman Empire including law, transport, religion, transport and architecture.</p>	<p>In RE this term pupils will be learning about special symbols in different religions. They will be encouraged to explore the meaning of signs and symbols. The story of Noah's Ark and the symbols used will introduce the topic. Pupils will also consider how symbolic food can be used to remember events such as Passover and the meaning behind different objects on the Seder Plate will be taught. Pupils will also focus on interpreting familiar metaphors before exploring religious metaphors. Pupils will focus on metaphors such as God is my rock and they will think about how these metaphors can help Christians in their faith. Discussion will take place around different religious beliefs about God and how it can be experienced in different ways. Pupils will explore how God is represented and will consider their own views about this. Pupils will identify common symbols within a place of worship and will evaluate different symbols from different religions.</p>

DT	Enrichment
<p>In DT this term pupils will complete an Aqueducts project. They will explore what an aqueduct is and what its purpose is and how this links to their learning in other subjects such as History. Pupils will research aqueducts and their features and they will develop vocabulary to describe the process of moving water from a source to a distribution point. They will then use this knowledge to design an aqueduct of their own. As the pupils move through their project, they will refine their design and make necessary adjustments. Pupils will then be given the opportunity to create their aqueduct using available resources. Pupils will be encouraged to problem solve and trouble shoot as their project progresses and they encounter challenges. They will then share and explain their project to their peers and evaluate whether it meets the design brief. Pupils will create a questionnaire for their peers to give feedback and they will consider how this could impact on their project.</p>	<p>As part of the Enrichment Programme, pupils will be given the opportunity to experience:</p> <p>Box Up Crime: Pupils will have sessions with local social youth organisation Box Up Crime, whose vision is to harness the talents of young people. Boxing teaches determination, courage and perseverance. Pupils will take part in a programme designed to support their mental well-being physical fitness and stamina. They will learn strategies to manage self-control, manage their emotions and become more resilient. Evidence suggests that the skills and discipline that boxing requires supports focus in the classroom.</p> <p>Horse Riding: Safety rules will be explained and followed. They will practise giving the horses simple commands such as walk on and will use horse riding equipment such as stirrups, a saddle and reigns. Pupils will be encouraged to show respect for animals as they explore walking and trotting around the stables and in the woods.</p>