

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

English	Maths	Science
<p>In English this term, pupils will read a variety of fiction and non-fiction texts. When exploring fiction, pupils will describe settings using adjectives, noun phrases and adverbs. Pupils will compare and contrast settings from different stories. Links between settings and themes will be investigated. Literary devices including, similies, metaphors, personification and alliteration will be explored and examples of these found in books they are exposed to. They will be taught how to place the possessive apostrophe correctly in regular and irregular plurals. Dictionary skills be taught and pupils will learn about how to locate words in a dictionary. Pupils will be taught how to form nouns using the prefixes 'super' and 'anti' and the correct form of 'a' or 'an. Throughout this term pupils will be encouraged to write for different purposes. Pupils will be encouraged to plan and redraft their writing. They will improve their work by using alternative words to make their writing more effective.</p>	<p>In Maths this term pupils will focus on multiplication and division. They will be taught the grid method to multiply. Pupils will be taught the column method to multiply a 2-digit number by a 1-digit number and then multiply two digits by two digits. The mental strategy of portioning will be used to divide numbers. The long and short method to divide will also be taught. Pupils will focus on fractions and will explore the part whole model. They will be taught strategies to represent and compare fractions. Pupils will consolidate their knowledge of number and the four operations. especially those that link with measures and time. Measuring skills will be taught and they will compare mm, cm, m, ml, l, g and kg. Pupils will convert units of measure. Pupils will learn how to calculate the area and perimeter of a quadrilateral They will also learn days, weeks, months of the year and how to read an analogue clock.</p>	<p>In Science this term pupils will learn about Animals including Humans. Pupils will explore the Human skeleton and will label the bones in the body. They will classify animals with and without skeletons. Animals with an exoskeleton will be researched. Comparisons will be made about the movement of animals with and without a skeleton and pupils will classify animals into vertebrates and invertebrates. Pupils will use their knowledge gathered during this topic to compare the bodies of humans and animals. They will also focus on the topic Light. Pupils will understand how light works and will investigate which materials light can pass through. Shadows will be examined and pupils will explain what they are and how they are formed. Pupils will find out how shadows change during the day and will see the connection with light. Finally, pupils will explain the importance of and dangers of sunlight and how we can stay safe in the sun.</p>
PSHE	Art	PE
<p>In PSHE this term pupils will focus on developing healthy lifestyles. They will understand what a balanced lifestyle is and the key components of a balanced diet. Pupils will explore the quality of the food they eat by completing a food diary and they will compare the nutritional value of food they like with balanced alternatives. Moving on, pupils will understand how their choices can affect their mental health over time. They will explore different emotions and how our choices can lead to positive or negative mental outcomes. Pupils will learn about different drugs that are used in society, for example medicine, caffeine, alcohol and tobacco and how they affect the body short term. The impact on the body when used over a long period of time will be discussed. Pupils will also explain what an emergency is and who can help in such an event. Finally, pupils will be taught how and when to contact the relevant emergency services.</p>	<p>In Art this term, pupils will learn about Expressionism. They will identify different ways they can express themselves using art. Pupils will explore how different colours and shapes can be used to reflect their feelings and emotions. The work of Pollock and Rothko will be explored and pupils will create their own art work in these styles. They will design and create a piece of their own art to express themselves. Pupils will look closely at famous expressionism pieces and will be encouraged to share their views with their peers. They will be encouraged to justify their creative decisions when creating Expressionism Art. Pupils will examine colour theory such as warm and cold colours and how this creates different effects. They will choose appropriate colours to reflect different emotions. Pupils will say what they like about their work and how they would improve it. Throughout this theme pupils will be encouraged to hold tools such as pencils and brushes correctly.</p>	<p>In PE this term pupils will take part in putting some of the skills they have learned through Gymnastics and Handball into practice. Lessons will be based around football to begin with and then move on to Basketball. In Football pupils will continue to apply and develop a broader range of skills, learning how to use them in different ways and to link them to make actions and sequences of movement, developing their communicating skills. Teachers will model how to be a good team player and encourage good sportspersonship. Pupils will be able to engage in competitive and co-operative activities in a range of increasingly challenging situations, and enjoying communicating, collaborating and competing with each other, which will continue to develop their resilience, patient and respect for one and other.</p>
Geography	History	RE
<p>In Geography this term pupils will learn about the topic 'Tourism in Europe'. This will be introduced by re-capping prior learning about the seven continents and the countries within it. They will be taught to explain what happens in the Houses of Parliament and the role of an MP. They will locate different tourist attractions on a map. Pupils will describe why the Eiffel Tower is a tourist attraction and they will compare this with the London Eye. The history of the Leaning Tower of Pisa will be explored and pupils will learn about its height, formation and what it is made from. Research skills will be developed when exploring the history of the Parthenon. They will find out it is a former temple dedicated to the Goddess Athena. Pupils will locate the Guggenheim Museum in Bilbao and will find out about its architecture and what lies within the museum. Finally, pupils will be encouraged to compare different tourist attractions and reasons for their popularity.</p>	<p>In History this term pupils will be learning about Celtic Culture. Timelines will enable pupils to see where the Celts fit into a broader sense of history. They will identify who the Celts were and describe characteristics of Celtic tribes and warriors. Pupils will explore the significance of Queen Boudicca and her unique attributes and what her legacy is today. Pupils will explore the culture of the Celts and will research their clothing, livelihood and the food they ate. They will find out about tribes and warriors and qualities important to them such as pride, loyalty, family and honour. An understanding of why farming was popular with Celts and how it informed what they ate and wore will be examined. Pupils will also identify and describe different types of Celtic homes and why they were practical at that time. Finally, pupils will bring together all of their knowledge learnt throughout this topic to explore the importance of the Celts and why they are still relevant today.</p>	<p>In RE this term pupils will be learning about the significance of light in different religions. This will be introduced by exploring different images of lights and what they remind the pupils of. Pupils will examine why light is special and what it symbolises. They will explain why Hindus have lamps for Diwali and they will learn about the story of Rama and Sita and the Goddess Lakshmi. Pupils will recognise the symbol of light for Sikhs and how it's celebrated it compared to Hindus. Pupils will explore the story of Guru Hargobind. The importance of the Advent Candle and its connection with Christmas will be explored. Pupils will learn about the story of Hannukah, they will find out about Judas Maccabeus and they will make links between this story and the nine branches of the candle stick. Finally, pupils will evaluate the symbol of light across different religions and will explore how hope, freedom, God, peace and victory links the stories together.</p>

DT

In DT this term pupils will complete a Healthy Snack Bar project. They will research snack bars currently available on the market. Using this knowledge pupils will design a series of their own healthy bars. Pupils they will adapt and refine their design as the project unfolds. They will create their healthy snack bars outlining the nutritional benefits of it. Pupils will be encouraged to troubleshoot and problem solve as part of this process. At the end of the project pupils will be encouraged to evaluate their product. They will explore if it met the design brief and will complete questionnaires as part of this process. Moving on pupils will complete a Rucksack Project. Following the same process of research, design, create and evaluate they will produce a rucksack with shoulder straps, which can be carried on the back and is waterproof. Finally, pupils will evaluate the practicality and durability of their rucksacks by testing their project in terms of weight capacity and how well it washes.

Enrichment

As part of the Enrichment Programme, pupils will be given the opportunity to experience:

Swimming: Lessons will be on offer to pupils at the local swimming pool. Lessons will be taught by a Swimming Coach who will support pupils in developing their swimming skills such as getting in and out of the pool safely, controlled breathing, floating and treading water and swimming with forward motion.

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 wellbeing, 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.