

New Rush Hall School – Year 4 (Amethyst 4) : Spring		
English	Maths	Science
In English this term pupils will be reading a range of texts both fiction and non-fiction. In writing pupils will be creating their own narratives, sequencing stories, setting descriptions, writing newspaper reports and focusing especially on editing and improving our writing. Pupils will explore writing <i>an introduction, build-up in a story, conflict and resolution</i> 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 to aid cohesion and avoid repetition. In our reading session we will focus on retrieval, inference and summarising, from texts, images and videos, with a focus on current affairs.	In Maths this term pupils will explore time, they will read, write and convert time between analogue and digital 12/24-hour clock, explore Months/Years, Days/Weeks. Pupils will consolidate their understanding of measure, using the four operations to reading and analysing data. Pupils will explore ways to use resources to support our Maths learning, so that we can problem solve across different topic areas including recognising and showing equivalent fractions, simplifying fractions multiplication and division. Throughout the term, pupils will practice the times tables and improve our speed and fluency when recalling them, whilst using the online games to support their recall. Pupils will consolidate their understanding of number learnt in Autumn term and use these to solve problems and make links to other topics.	In Science this term pupils will be introduced to plants and animals. Pupils will analyse different plants and group them based upon their location, linking this to prior learning of the climate. This will lead into exploring the reasons why particular plants grow in a particular place i.e., their habitat and help this helps them to survive, based upon their needs. Next pupils will exam how different animals and plants adapt to this environment e.g., frogs, different types of frogs have adapted to their environment based upon their need of sunlight, climate water sources etc. Pupils will then research how habitats changing can impact plants and animals, linked into climate change. Following this, pupils will move on to friction. Re-capping on prior learning of push/pull, define and describing the difference between the two. Pupils will be introduced to the concept of force by measuring force using a force meter, then explaining what can be learnt from the findings. Using knowledge of Isaac Newton, pupils will describe what gravity is and how it works.
PSHE	RE	PE
In PSHE this term pupils will focus on Self-care. They will explore how people grow and change over time and will learn about the physical changes that occur during puberty. Pupils will develop their understanding of the importance of personal hygiene and how looking after themselves can support their health and wellbeing. Through discussion and reflection, they will explore the emotional changes that can occur as they grow older and will identify trusted adults who can offer support when needed. Finally, pupils will revisit important safeguarding messages and will learn how to keep themselves safe by understanding personal boundaries and recognising when to seek help.	In RE this term pupils will learn about Easter. This will begin by discussing what the children associate with Spring/Easter. Which will lead to a discussion about eggs and the connection to Easter. This will link to Christians believing that Jesus dying on the cross and taking responsibility for their sins. This has giving Christians the opportunity to live. Teachers will read the Easter story and emphasize what happened on Palm Sunday. Pupils will read the story of the Garden of Gethsemane and discuss how Jesus could have been disappointed because the discipled couldn't stay away and because he was betrayed by Judas and denied by Peter. Pupils will role play Jesus and Peter after the event and talk about their feelings and link it to their own experiences. This will link to Maundy Thursday and to the Last Supper explaining the story to the pupils. There will be discussion Good Friday and Easter Sunday and conversations about what happened on these days.	In PE this term pupils will focus their efforts on building foundational fitness levels, hockey, netball and tag rugby. They will engage in various fitness activities aimed at improving cardiovascular endurance, strength, and flexibility. Concurrently, they will begin to explore the fundamentals of hockey, including stick handling, passing, and basic game rules. Through a combination of fitness exercises and introductory hockey drills, pupils will develop their physical abilities and gain an understanding of teamwork and sportsmanship. In netball and tag rugby pupils will begin by learning the basic skills and rules of both games, including passing, catching, and positional play in netball, and running, passing, and tagging in tag rugby. Through engaging in drills and small-sided games, pupils will develop their co-ordination, teamwork, and understanding of all four sports.
Geography		History
In Geography this term pupils will study Natural disasters. Defining what a disaster is, and clarify what makes something natural. Compare a natural disaster to a human disaster e.g., earthquake/war. Identify different types of natural disasters, some that occur through extreme weather. Next, pupil will discover tectonic plates are and the layers that make up the Earth. Locate these on a map. Discuss how tectonic plates move, below water and land and the different impact this has on land e.g., a volcano. Explain how these are measured on the 'Richter scale.' Pupils will explain what a volcano is, identify and label the features of a volcano e.g., vent, magma chamber, crater, lava, volcanic bombs, secondary cones. Next, identify the stages of a volcanic eruption and sequence these, discussing how one leads to the next. They will explain how some tectonic movement causes volcanic eruptions, and other an earthquake or tsunami. Pupils will make predictions about how and why these are different, is a tsunami an earthquake just under water? They will discuss what happens during an earthquake and a tsunami, what causes them to occur, the impact and how different areas adapt and prevent damage.		In History this term pupils will be exploring the Norman Conquest. Recapping the causes of the Anglo-Saxon decline and enquire how this led to the Norman Conquest. Pupils will learn that Edward the Confessor was the last Anglo-Saxon King and discuss his later reigning years. Pupils will be encouraged to question their learning think about questions such as "Why was there no clear heir to the throne? How did this lead to the Battle of Hastings? Next, pupils will explore key events during the Battle of Hastings. Who the battle was between, how and why it began and what it led to. Pupils will gather knowledge about William the Conqueror becoming King, which ended the Anglo-Saxon era and began the House of Normandy. This will into discussing the Domesday Book - a written recording of who owned land in England and Wales, how did this allow William the Conqueror to maintain power, and raise taxes? Comparing the Normandy reign to monarchs before. Pupils will create a family tree of the Normans and the complications within the family house. The evaluate the Norman Conquest and compare the reign of William the Conqueror to his son Henry I.
Design Technology		Computing
Following learning about packed lunches pupils will explore ways in which these can be packaged. Considering the outside, inside, lining and joining. During market research, pupils will explore how lunch boxes have changed over time and how modern inventions are ensuring these are durable and practical. Using this knowledge pupils will design their own packed lunches meeting the design brief. Pupils will adapt and refine their design as the project unfolds. They will then create their packed lunch boxes and discuss the practicality. Pupils will be encouraged to troubleshoot and problem solve as part of this process. At the end of the project pupils will evaluate their product and explore alternative options to explore keeping food warm. They will evaluate whether their final product met the design brief and complete questionnaires as part of this process.		In Computing this term, pupils will be exploring Digital Literacy, Information Technology and Computer Science. Pupils will use 2Question to ask and answer questions and represent these using pictograms. Pupils will explore what is meant by a binary tree using yes and no. Pupils will then use 2Connect and 2Quiz to present data in different ways such as mind maps, quizzes, eBooks and fact files. They will add clipart and appropriate photos. Finally, pupils will explore online safety using a range of progammes. Pupils will explore how to use the internet safely and identify safe forms of digital communication and their digital footprint. They will discuss appropriate forms of communication and where they would not want their digital footprint.
Enrichment		
As part of the Enrichment Programme, pupils will be given the opportunity to experience: Horticulture: In Horticulture this term pupils will re-cap the allotment rules and how to use the tools and equipment safely. Pupils will learn how to attract wild birds to the allotment using a variety of suitable food e.g., wild birdseed, mealworms, peanuts etc. They will take part in a bird watch and visit the Allotment Bird Watch Café, set up on the allotment for the occasion. Pupils will start planning for Spring, sowing some seeds e.g., tomatoes, learning how to use pots, compost and write out a plant label. This is a solid foundation for learning where food comes from. Pupils will learn what a plant needs to grow, e.g., sun, water, food and soil. Pupils will go on a Spring Flower Hunt and learn to identify Bluebells, Daffodils etc. and learn why early flowering plants are important for early pollinators like queen bee’s coming out of hibernation. Pupils will end the term with an Easter Egg Hunt. Spanish: In Spanish this term pupils will by recapping greetings, animals and numbers from 1 to 10. Following this, they will be introduced to form the plural of some nouns. Pupils will then explore the culture and history of some Spanish-speaking countries, such as Mexico, Colombia, Peru or Argentina. They will use this knowledge to explore some of the celebrations for Carnival in Spain and America. Pupils will recap the formation and use of singular and plural nouns. They will then be introduced to the concept of gender in Spanish. This knowledge will then be used to explore the use of 'un, una, unos, unas'. Following this, pupils will explore the use of 'aquí hay' and 'y' to form simple sentences. Finally, pupils will explore Spanish and Mexican gastronomy. Social group: In Social Group this term, pupils will take part in a range of activities, discussions and role-play opportunities designed to support their personal, social and emotional development. Through practical tasks and group work, pupils will build confidence, improve communication skills and develop positive relationships with others. Pupils will explore how to identify and manage risk in different situations, helping them to make safe and responsible choices both in school and in the wider community. Pupils will also focus on forming and maintaining respectful relationships. Pupils will discuss kindness, empathy, cooperation and the importance of respecting other people’s feelings, opinions and personal boundaries. In addition, pupils will be introduced to basic first aid and learn how to respond appropriately in simple emergency situations, helping to develop independence, resilience and valuable life skills.		