

CURRICULUM OVERVIEW

Year 5 - Autumn term

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BE YOUR BEST



Care



Challenge



Succeed



READING

Encouraging a love of reading is the priority of our reading curriculum. Reading lessons, in Year 5, focus on exposing children to a wide range of texts to build breadth and reading mileage and analysing and exploring texts deeply. A highlight of the day are our story time sessions which will include the wonderful page-turners: The House with Chicken Legs, Groosham Grange, Hatchet and Clockwork.



WRITING

Groosham Grange - with a focus on alternative endings and Hatchet - with a focus on characterisation are the creative fiction units for this term. Non-fiction units are inspired by the books Silent Music and The Ice Man and the History of Baghdad which follows on from our History learning. Poetry writing will be based on the moving poem The Hill We Climb. Handwriting and spelling will be taught in daily lessons.



MATHS

We will begin with place value using 7 digit numbers to partition in different ways and then compare, order and round numbers to the nearest 10, 100 and 1000. Mental and written methods to add, subtract, multiply and divide will be consolidated and extended further. Different types of numbers: prime, square, cube, multiples and factors will be explored before moving onto fractions where we will be converting mixed number and improper fractions.



SCIENCE

Science learning will begin with an exploration of the human lifecycle and how humans change from gestation and infancy through to old age. The children will explore each stage in this process learning the reasons for these biological changes. We then move on to studying Materials in a chemistry unit. Children will experiment using different materials. They will find out about reversible and irreversible changes and changes of state.



HISTORY

In our first History unit, we will be learning about an early Islamic civilization through the study of the ancient city of Baghdad. The children will explore the structure of this unique city and the reasons why its location was chosen. In the second half of the term, we will be learning about the British Empire. The children will learn about the motivations behind the origins of the British Empire and how it developed to become the largest empire in history.



GEOGRAPHY

We will launch our Geography learning with a unit called Spatial Sense. The children will use vocabulary such as: hemisphere, lines of longitude, lines of latitude and the prime meridian line. They will learn how to analyse and read relief maps. We will then be looking at how mountains are formed. The children will research different mountains from around the world and make comparisons between them.



ART

In Art, we will explore Rococo, Modernist and abstract styles. The children will examine the features of the styles and make comparisons. They will then use this knowledge to create their own pieces of abstract art. We will then move onto Islamic Art. The children will explore the traditional techniques and methods used in Islamic art and its wider influences. We will look at examples of Islamic art in buildings such as the Taj Mahal and the Alhambra.



DESIGN AND TECHNOLOGY

Year 5 will be designing and building in their first DT unit. The children will learn the different parts of a cams mechanism and how each part works together. They will research and investigate examples of cams mechanisms and their purpose. They will then move on to designing and building a cams toy which incorporates this mechanism.



PSHE

Being Me in My World will be explored in this first unit. Children will understand how actions can affect another and compare our lives with other people in my country. When Celebrating Difference, the children will know why racism and other forms of discrimination are unacceptable and understand the difference between direct and indirect bullying.



RELIGION & WORLDVIEWS

Multifaith: Symbols and religious expression are explored in this first unit. Children will understand that worship can take many forms and can involve symbolism. We will then move onto learning about Christianity in History. Children will learn about what Christians believe, its impact on history and how worship has changed over the years.



COMPUTING

Systems and Searching is our first unit and will explore how computers can be connected to form systems. Children will also recognise the role of systems in our lives and describe how search engines select results. Our next unit is Video Production where we will capture video using a range of techniques, reshoot scenes to improve and consider the impact of sharing.



PE

During the autumn term, children will learn the skills needed to strike and catch. They will understand the need to work as a team and strategise to beat their opponents. These skills will come together when the children play competitive games of Tag Rugby and Basketball



MUSIC

This term, children are introduced to The Lark Ascending where they will explore: free flowing melody, using poetry for inspiration and the pentatonic scale. The children will be recording their own compositions to represent flight and performing these to the class. Texture, three part canon and singing in rounds are studied through the choral song This Little Babe by Benjamin Britten.



Spanish

This term, we will begin by looking at the vocabulary for clothes. This will include the correct genders and articles for different items of clothes. Later on in the term, we will be learning how to describe the weather. The children will regularly practice and consolidate previous learning.