

Curriculum News Autumn 2017

Dear Parents/Guardians,

This term, the children in Year 4 will be covering all aspects of the National Curriculum including:

Mathematics

We will be following the New National Numeracy Strategy and working on: number and place value, mental addition and subtraction, written addition and subtraction, problem solving, reasoning and algebra, mental multiplication and division, written multiplication and division, decimals, fractions, measurement, statistics, Geometry: properties of shapes and Geometry: position and direction.

English

We will be following the New National Curriculum which includes work on:

Fiction: Myths and legends, imaginative stories and Fables

Non-Fiction: Instruction and explanation texts

Poetry: Performance poetry

The spelling, punctuation and grammar curriculum will follow the LKS2 expectations.

We will use texts as models to help develop the children's understanding of structure and features in different writing genres and through these genres develop their understanding of the correct punctuation, spelling and grammar.

Science

In the first half term, the children will reinforce their understanding of the characteristics of living things and the basic needs of their habitats supply. They will establish why classification of plants and animals is important and classify mini-beasts. They will read and construct food chains and webs as well as learning about environmental change. In the second half of the term, the children will learn more about solids, liquids and states of matter. They find out how solids and liquids can be separated when they become mixed and explore reversible changes. We will end the unit by learning about the stages of the water cycle, creating mini water worlds and an interactive water wheel to represent the different stages.

Cross-curricular Work

We will be looking at Extreme Earth. We will study different types of extreme weather and natural disasters such as tsunamis, hurricanes and volcanos across the globe and the effects it has on world population. We will also be looking at layers of the earth, tectonic plates and making our own volcanos.

Design and Technology

During our DT lesson the children will learn all about Kites. The Children will discover information about a key event involving a kite that helped shape the world. They will gain knowledge and understanding about the parts and shapes of kites. This will help them when designing and making their own kites. Finally, children will test and evaluate their kites against design criteria they have created.

Art and Design

The art this term will focus upon some of the skills needed for drawing and painting - line, pattern, colour and texture. They will then use these skills to produce a piece of artwork depicting the four seasons. They will also find out about the artist Vincent Van Gogh.

