

Curriculum News Autumn 2017

Dear Parents/Guardians,

This term, the children in Year 3 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: Stories by the same author and Imaginative Stories

Non-Fiction: Biography, letters 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

The first half term will be learning about forces and magnets. They will compare how things move on different surfaces. They will learn that some forces need contact between two objects, but magnetic forces can act at a distance. They will observe how magnets attract or repel each other and attract some materials and not others. They will compare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materials. They will describe magnets as having two poles and predict whether two magnets will attract or repel each other, depending on which poles are facing. The second half term will be learning about rocks. The children will learn about, compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. They will find out about how fossils are formed and recognise that soils are made from rocks and organic matter.

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.

