

The Glebe Primary
Curriculum News
Year 4
Summer 2018

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 Curriculum 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, fractions, ratio and proportion, measurement, statistics, Geometry: properties of shapes and position and direction.

English

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

Fiction: The Railway Children linked to our topic, stories with humour and stories from other cultures

Non-Fiction: Chronological reports and persuasive writing

Poetry: Limericks

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

Science

In Science, this term we will learn about animals including humans and scientists and inventors. Our animals including humans topic focuses on the digestive system and the functions of teeth. Children will learn more about herbivores, carnivores and omnivores in the context of teeth, digestion and the food chain. In addition, they will extend their understanding of food chains to more complex chains and food webs. The children will then go onto learn about famous scientists and inventors linked to the Year 4 curriculum.

Cross-curricular Work

The main focus of our cross curricula work this term is 'The Railways'. The children will learn about the development of the Railways in Great Britain giving them the opportunity to find out about the history of the railways and significant early locomotives. They will also investigate some important historical events, such as the opening of the first passenger carrying railway lines and the Rainhill Trials and they will learn about some of the key people who were influential in the development of the railways. In addition to this, they will learn about the development of locomotive technology and examine the differences between steam, diesel and electric locomotives. The children will also learn about the growth and development of the railway network in Great Britain and use their geographical skills to map out some key routes. The children will also be visiting The Shildon Railway Museum.

Design and Technology

In DT this term our topic is 'Mechanical Posters'. This unit gives children opportunities to develop their understanding of mechanical systems. Following instructions on how to make different types of lever and linkage mechanisms gives children experience and information to draw on when developing their own ideas. They will sketch a design based on their ideas, make a prototype, and then create their 'Lever and Linkage Poster' using the context of recycling.

Art and Design

Our theme for our art this term is Railways. The children will be studying examples of railway art and considering what the pictures tell us about the railways of the past and present.

