

## What your child will be studying this term – Year 4

### Literacy

In reading, we will continue to develop our word reading skills, applying our knowledge of root words, prefixes and suffixes to both read aloud and understand the meaning. We will be further developing our fluency and comprehension skills, as well as reading for pleasure in our weekly book club sessions.

In Literacy, we will be studying a range of high quality texts. We will also be learning a range of grammatical and punctuation skills: using the past progressive (I was walking); using prepositional phrases to show the position of something; using time adverbials (to show when); place adverbials (to show where) and adverbials of manner (to show how) – and begin to use a comma when writing one as a fronted adverbial; write in paragraphs; punctuate direct speech accurately and use apostrophes for possession

### Maths (White Rose maths)

- factor pairs
- multiplying and dividing by 10/100
- multiplying and dividing a 2 digit/ 3 digit number by 1
- calculating kilometres and metres
- calculating the perimeter of rectilinear shapes
- Calculating the perimeter of regular polygons
- Mixed numbers
- Converting mixed numbers into improper fractions and vice versa
- Adding and subtracting fractions and mixed numbers
- Converting tenths and hundredths into decimals

### Science ( White Rose Science)

We will be learning about sound. We will explore vibrations and the functions of the different parts of the ear. We will explore volume and pitch and investigate whether distance has an effect on the volume of a sound. We will also be learning about electricity – creating working circuits and identifying electrical conductors and insulators and how these affect circuits. We will also be learning about energy and how we can reduce energy usage.

### Computing: Computing games

We will be learning about computing games, and will explore how the structure of a game will affect interactivity and playability.

### History – The Vikings

We will be learning about where the Vikings came from and how and where they raided. We will learn about daily Viking life and how the Vikings lived and worked. We will investigate how successful the danegeld and the Danelaw were. We will know some of the Viking gods and what they represent.

### Geography – Settlement and Land-use

We will explain why settlements developed in certain locations through the study of early settlements. We will use maps to identify settlements by invaders and compare land used in different settlements. We will use maps to identify links between settlements and create our own maps of settlements.

### Art – Still Life

We will become familiar with the term 'still life' and will learn about the work of a variety of contemporary artists and Cezanne. We will create our own still life works and create our own structure.

### D.T -Torches

We will be designing and making a torch with a working electrical circuit and switch. We will assemble a torch according to the design and success criteria and test and evaluate the final product.

### R.E

We will be thinking about what makes us the people we are. We will also be learning about the importance of Easter.

### Ways in which you can help your child

- Read with your child every night and discuss what has been read
- Practise spellings sent home
- Practise times tables every night – encourage your child to go on 'Times tables rock stars'
- Create your own musical instruments – how can you change the volume and pitch?
- Find ways to reduce energy usage in your own home
- Research and read books about the Vikings
- Visit the British Museum to find out more about Viking life
- Find Viking settlements on a map – look for places ending in –thorpe/-thwaite/-ness/-by/-kirk
- Create your own still life scene using objects in your home