

# Year 5 Autumn Curriculum Outline

We would like to take this opportunity to welcome the children back to school and into year 5. Outlined below, are the main topics that we will be learning about in terms 1 and 2 with learning intentions drawn from the National Curriculum. Some children will exceed these expectations at times and will be given further challenge; others will be working towards these expectations and will be given the necessary support. Please do not hesitate to contact us if you have any questions.

## English

We begin our English this year by focussing on Myths and Legends via Hugh Lupton's book – 'The Adventures of Odysseus'. This will be linked to our topic on Ancient Greece. One of the key areas of focus is persuasion within our English work which will be approached through different contexts such as written arguments and spoken debates.

Alongside these areas of English, we will also be working on aspects of spelling, punctuation and grammar.

Our key objectives will be:

To maintain positive attitudes to reading and understanding of what is read by:

- continuing to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks.
- increasing familiarity with a wide range of books, including myths, legends and traditional stories, modern fiction, fiction from our literary heritage, and books from other cultures and traditions.

For spellings and general vocabulary we will

- consider and use prefixes and suffixes
- use a thesaurus
- consider homonyms

We will plan, draft and re-draft when considering:

- narratives, settings, characters and atmosphere
- We will integrate dialogue to convey character and advance the action.

We are keen to encourage the children to become confident readers for pleasure as well as fact finding.

## Mathematics

Our key objectives for Maths will be:

- Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit
- add and subtract whole numbers with more than 4 digits, including using formal written methods (column addition and subtraction)
- add and subtract numbers mentally with increasingly large numbers
- divide numbers up to 4 digits by a one-digit number using the formal written method of short division and interpret remainders appropriately for the context
- multiply and divide whole numbers and those involving decimals by 10, 100 and 1000
- identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths
- convert between different units of metric measure (for example, kilometre and metre; centimetre and metre; centimetre and millimetre; gram and kilogram; litre and millilitre)
- identify 3-D shapes, including cubes and other cuboids, from 2-D representations
- Consider factors, multiples and prime numbers.

## Computing

This term the children will be planning their own simple computer game which will involve them in designing characters and backgrounds and creating a working prototype to then evaluate and improve. We will also consider the effect of the game on the user and make webpages giving advice to others about making games as well as playing safely.

## Science

### *Levers, pulleys and forces:*

The pupils will investigate the effect of forces in contexts such as when levers, gears and pulleys are used. For example, by changing the force required to pick up or move an object. They will also learn about techniques used such as limiting the number of variables, taking accurate observations increasing in precision, recording results using effective representations, examining data in order to test predictions and set up further comparative tests. They will learn how to present findings effectively and describe relationships found or suspected. In addition, they will study some historical figures who had an impact on scientific understanding and technique such as Archimedes.

### Living things and their habitats

We are fortunate to be working alongside Kent Wildlife Trust in Term 1 on our study of animals and their habitats. During this topic, children will describe the differences in the life cycles of a mammal, an amphibian, an insect and a bird. They will be able to describe the life process of reproduction in some plants and animals

## Art and DT

The children will use the focus on Ancient Greece to explore containers, leading to their own 'Greek pot'. They will also investigate what may be commonly depicted on pots for work in history. The children will explore moving cams and levers and their use in mechanical toys.

## Music

The children will have the opportunity to look at music from Ancient Greece as part of their work in terms 1 and 2. They will look at notation and how to combine different combinations of note values to create their own music.

## History

This term we will be learning about Ancient Greece. As well as studying Greek life and achievements, we will consider their influence on the western world. The children will learn about reliable sources of information and what may deduced or inferred and also how to determine the reliability of different sources.

## Geography

Our geography will be covered as part of our topic on Ancient Greece where the children will learn about the geography of Europe and how to locate Greece. They will use atlases to find out about the physical geography of Greece as well as considering the global context of this country.

## PE

We will be learning about the skills needed for rugby, basketball and handball and how to apply these within a game situation. We will also be exploring movement through dance and comparing the diofferent skills required to be successful in each of these sports.

## RE

Over the first two terms, we will be considering the key questions of 'What does it mean if God is loving and holy?' and 'Was Jesus the Messiah?' These two questions will lead to work understanding the relationship between God and man as well as the concept of Incarnation.

## PSHE

Aspects of e-safety are taught throughout the year in ICT and PSHE. In addition, we will explore aspects of relationships including peer pressure. We will also look at work on valuing difference from a local, national and global perspective. The children will be encouraged to be thoughtful about their own mental health and that of others.

## French

The children will work on the new 'Euro Stars' programme. The first theme is 'Bon appetite, bonne sante' (healthy eating), exploring the theme of Healthy Eating. We will then move onto Je suis le musician (I am the music man)