

Year 5 Autumn Curriculum Outline

I would like to take this opportunity to welcome the children back to school and into year 5. Outlined are the main topics that we will be learning about in terms 1 and 2. The learning intentions are taken from the National Curriculum. Some children will exceed these expectations at times and will be given deepening activities to develop depth and breadth of learning; others will be working towards these expectations and will be given support where needed. Please don't hesitate to contact me if you have any questions.

English

Our English work will begin by exploring some poetry. We will consider which devices poets use to capture our attention, as well as what it is like to perform poetry. We will then be focussing on Myths and Legends via Hugh Lupton's book – 'The Adventures of Odysseus'. (It's an interesting link because it is based on Homer's epic spoken poem.) Our book will be linked to our topic on Ancient Greece. One of the key areas we will look at in Year 5 is persuasion within our English work. This 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.

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 plan their own simple computer game. They will design characters and backgrounds and create a working prototype which they will 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.

They will also study some historical figures who had an impact on scientific understanding and technique such as Archimedes.

Properties and changes of materials:

Later, the children will consider solubility, conductivity, separation methods, reversible and irreversible changes as well as thinking about the properties of materials to design armour for a Greek Hero and a 'Princess Blanket'. Pupils will:

- compare and group materials based on properties, including hardness, solubility, transparency, conductivity, and response to magnets
- know that some materials will dissolve in liquid to form a solution, and describe how to recover the substance.

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 simple levers and pulleys.

Music

The children will have the opportunity to compose music for their computer games. They will also practise performing music such as by looking at rhythm via drum beats and pitch using hand bells. They will also discuss the effect of music.

History

This term we will be learning about Ancient Greece. The children will study Greek life and achievements as well as their influence on the western world. We will consider how we know about history and the veracity of the information we find. The children will learn about reliable sources of information and what may deduced or inferred. The Bible may also be considered as a source of information.

Geography

Our geography will be covered as part of our topic on Ancient Greece. The children will learn about the geography of Europe to locate Greece. They will use atlases to find out about the physical geography of Greece. We will also consider migration; and sensitively, the plight of refugees in the world.

PE

Our outdoor PE this term will focus on Activities at Forest School, which involve many aspects of strategy, team building and skills such as orienteering. In addition, we will be learning about the types of skills needed for Tag rugby, as well as having some competitive matches.

RE

This term we will be considering the key questions of 'What does it mean if God is loving and holy?' and 'Was Jesus the Messiah?' from the Understanding Christianity Guidance. 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 addition, our Coram/Scarf scheme of work will be used to help the children look at aspects of 'Me and My Relationships'. We will also recap recognising, and responding positively to our emotions, using the 'Zones of Regulation'. There are other areas that will be covered in a cross-curricular fashion such as dealing with stereotyping and discrimination.

French

The children will work on the 'Euro Stars' programme. The first theme is 'Bon appetite, bonne sante' and the theme of Healthy Eating will be used when developing listening and response, exploring patterns of language, spelling and sounds.