

## Maths

In term 6, the children will learn about decimals and percentages. This unit will teach the children about representing common percentages and connecting them to their fraction and decimal equivalents. At the beginning of the unit, children are introduced to the concept of representing percentages using a 100 square and as parts per hundred. As they progress through the unit, children learn about converting percentages to fractions and decimals. They will continue to develop their understanding of the links between percentages, fractions and decimals and solve problems by applying their knowledge.

Later in the term we will begin looking at statistics. Children learn to solve comparison, sum and difference problems using information presented in a line graph. They also complete, read and interpret information in tables, including two-way tables and timetables. Children strengthen their ability to represent data using appropriate scales and a range of intervals for the vertical axis. They will estimate points between two intervals, devise their own questions to aid problem-solving and find missing values in tables. Additionally, children will explore school timetables, television guides and transport timetables, learning that a gap in such a timetable is not an error but instead means that the bus or train does not stop there.

## English

### The Odyssey by Gillian Cross

In English during Term 6 we will continue our adventures with the greatest of heroes - Odysseus - as he battles great monsters, gods and mortals on his voyage home to Ithaca. Through the sequence of learning children discover multiple reasons to make a speech: to make a proclamation, for persuasive purposes, and for personal reflection. They will write in role as Odysseus himself, as well as record dialogue and their own take on a key scene in the style of the author. Following research into the Greek Gods and a variety of ancient Greek monsters, the children will write their own epic adventure story based on their own invented character who encounters multiple trials on their journey home.

For our reading text this term we will continue with 'Who Let the Gods Out by Maz Culy'.

Elliot's mum is ill and his home is sadly under threat, but a shooting star crashes to earth and changes his life forever. The star is Virgo - a young Zodiac goddess on a mission. Disaster strikes when the pair accidentally release Thanatos, a wicked Death Daemon imprisoned beneath Stonehenge, and must then turn to the old Olympian gods for help. After centuries of cushy retirement on earth, are Zeus and his crew up to the task of saving the world - and solving Elliot's problems too!

## Phonics/Spelling

### Week 1

Unstressed vowels in polysyllabic words

### Week 2

Adding verb prefixes de- & re-

### Week 3

Adding the verb prefix over-

### Week 4

Convert nouns and verbs into adjectives using the suffix -ful

### Week 5

Convert nouns and verbs into adjectives using the suffix -ive

### Week 6

Convert nouns and verbs into adjectives using the suffix -al

## History

### What did the Greeks ever do for us?

The children will investigate the city-states of Athens and Sparta to identify similarities and differences between them, learning about democracy and assessing the legacy of the Ancient Greeks.

In addition, they will describe the features of ancient Greece. Identify the key periods in the ancient Greek civilisation and make inferences about Greek gods and philosophers.

We will finish the unit by holding a Greek Day in school where the children will have the opportunity to dress up and sample different foods.

# Class 5 Term 6

## PE

PE this term will be swimming on a Tuesday afternoon and athletics on a Friday afternoon.

### Swimming

The children will learn to swim competently, confidently, and proficiently over a distance of at least 25 metres using a range of strokes effectively. They will also learn and perform safe self-rescue in different water-based situations.

### Athletics

The children will understand and apply appropriate pace judgement for the running distance to be covered; run, jump, catch and throw in isolation and combination. Combine and perform skills with control and apply the appropriate throwing and jumping technique to achieve maximum distance and height.

## Science

### Living Things: Life Cycles and Reproduction

This term, we will be learning about Living things and their habitats including life cycles and reproduction

We will be comparing the life cycles of plants, mammals, birds, amphibians and insects and investigating asexual reproduction in plants and comparing sexual and asexual reproduction.

Later in the term, the children will explore the human timeline and study human development and changes. They will use their knowledge to identify key stages and consider what data may help determine if a child is growing normally. They will describe how puberty affects girls and boys and produce graphs to compare how gestation periods vary across different mammals, including humans.

## Computing

### Programming B Selection in quizzes

In this unit, pupils develop their knowledge of selection by revisiting how conditions can be used in programs and then learning how the If... Then... Else structure can be used to select different outcomes depending on whether a condition is true or false. They represent this understanding in algorithms and then by constructing programs using the Scratch programming environment. They use their knowledge of writing programs and using selection to control outcomes to design a quiz in response to a given task and implement it as a program.

Additionally, the children will be creating PowerPoint presentations in readiness for their House Captain hustings.

## DT

### Bridges and Structures

This term, our focus for design and technology will be about different types of bridges and the structures that support them.

The children will learn how simple bridges are constructed using beams, pillars or piers, then make and test beam bridge designs. They will learn how trusses are used in bridge design to spread out compression forces and how arches are used to strengthen design.

Their learning will include lots of practical, differentiated activities, culminating in an exciting prototype/model bridge building challenge.

## Music

This term the children will be continuing to learn to play the popular woodwind instrument, the recorder, whilst learning to read and write some notes.

The children will continue to learn different notes and learn how to read these on a musical score using standard notation.

## RE

### What happens when we die?

This term, we will continue to explore different sources of wisdom and beliefs about what happens when we die. The children will explore the Christian sacraments and the beliefs around death, the differences in the Jewish faith and make links between Muslim beliefs about Jannah and the historical geography for many Muslims.

## PSHE/SRE

### Families and committed relationships.

This topic explores the importance and diversity of families, and the characteristics of healthy, positive family relationships. It enables pupils to recognise when they may feel unsafe within a family, and how to ask for help if they need it. We will explore and identify the characteristics of a committed relationship.