

## Maths

In the Autumn term, we will be focusing on place value. We will be looking at number in depth by ordering, comparing and partitioning numbers to 10,000. We will also be looking at rounding numbers to the nearest 10, 100 and 1000s.

We will then move on to addition and subtraction beginning with adding and subtracting 1, 10, 100 and 1000s from numbers, working our way up to adding and subtracting 4-digit numbers with more than one exchange. We will look in depth at choosing the most efficient strategy in addition and subtraction.

We will briefly touch on Measurement, specifically Area, by counting squares, making shapes and comparing areas.

Finally, we will start our Multiplication and Division topic which will continue into the Spring term. We will first look at using our times table facts to multiply and divide numbers by 3, 6 and 9. We will then look at 7, 11 and 12 times table facts, before looking at multiplying by 1 and 0, and dividing a number by 1 and itself. We will also look at multiplying 3 numbers together.

## English

In Writing this Autumn term, we will be reading 'Iron Man' by Ted Hughes. Children will explore the devices of mystery and suspense and write a range of different text types including letters, a news bulletin and a logbook entry. At the end of the unit, children will write their own published mystery narrative. We will also be using the text to practise spelling, grammar and drama techniques to support understanding and to develop writing.

In Guided Reading, we will be reading 'The Undefeated' by Kwame Alexander. Children will begin by examining their understanding of black history in America and how their previous knowledge fits with new historical facts they are presented with. Through the series of lessons children will consider definitions of key terms in context and discover poetic conventions and how they often link with music. There will be opportunities for children to practise answering retrieval, inference and summarising questions, as well as to express their opinions about the particular events presented through the text.

## History

This term, we will be exploring the question: "How have children's lives changed?"

In this unit the children will look at the continuities and changes to children's lives using a range of sources. Exploring and looking at children working over the centuries and what those working conditions were like for the children. The class will evaluate how Lord Shaftesbury helped to change the lives of children and explore the changes in children's leisure time. There will also be the opportunity to look at how children coped during wartimes and the experience of evacuation to a strange town or village.

## Geography

This term, we will be exploring the question: "Are all settlements the same?"

To describe different types of settlements and recognise human and physical features in our local area, children will discuss why those features are in a particular location. How have those local areas changed. They will also compare their local area with New Delhi in India.

## PE

PE will continue to be covered by our professional coaches, in order to deliver high quality physical activity. This term will focus on **football and tag rugby**.

## French

Children will remember and pronounce some new words, recognising that some are masculine 'un', some feminine 'une' and some plural 'des'.

Children will correctly identify items of clothing based on the written word, and say the words for items of clothing with accurate pronunciation.

## Science

### Animals: Digestion and Food

Children will be exploring the role of the digestive system and comparing teeth and diets of different animals as part of a food chain.

### Energy: Electricity and Circuits

Children will be exploring electrical components and conductivity through circuit building and real life applications.

## Computing

### Computing Systems and Networks: The Internet

Children will apply their knowledge and understanding of networks, to appreciate the internet as a network of networks which need to be kept secure. They will learn that the World Wide Web is part of the internet, and will be given opportunities to explore the World Wide Web for themselves in order to learn about who owns content and what they can access, add, and create. Finally, they will evaluate online content to decide how honest, accurate, or reliable it is, and understand the consequences of false information.

## Art

### Storytelling through Drawing

Explore how artists create sequenced drawings to share and tell stories. Create accordion books or comic strips to retell poetry or prose through drawing.

### Design and Technology

#### Mechanical Systems: Making a Slingshot Car

Children will work independently to produce an accurate, functioning car chassis. Children will learn about concepts such as kinetic energy and air resistance to inform their designs.

## Music

Music will follow on from our professional Kent Music tutor with guitar lessons. We shall have the opportunity to develop our knowledge of rhythm, composition, understanding of notation and performance.

## RE

We will be asking the question 'What do Christians learn from the Creation story?'

## PSHE

In our first topic, 'Happy and Healthy Relationships', we will be learning how to solve friendship difficulties and how to act if someone invades your privacy or crosses a personal boundary. In our second topic, 'Similarities and Differences', we will explore identity and diversity, learning about seeing different perspectives and not making judgements based on appearances.

## Spellings

**Week 1** /aw/ sound as 'augh' and 'au'

**Week 2** in- prefix

**Week 3** im- prefix

**Week 4** il- and -ir prefix

**Week 5** Homophones and near homophones

**Week 6** /shun/ sound as 'sion'

**Week 1** /shuhn/ sound as 'sion'

**Week 2** /shuhn/ sound as 'ssion'

**Week 3** /shuhn/ sound as 'tion'

**Week 4** /shuhn/ sound as 'cian'

**Week 5** words with 'ough' that make a long /o/ /oo/ /or/