

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.

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/

History

This term, we will be exploring the question: "Why did the Romans settle in Britain?"

We will understand the chronology of the Roman invasion of Britain and identify the consequences of it.

Lullingstone Roman Villa Outreach will also be paying us a visit and will allow the children to handle artefacts and make observations about them.

Through the Roman Empire, children will explore the meaning of legacy, identifying how the Romans changed Britain and order their legacies by their significance.

Geography

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

We will be locating some cities in the UK and describing the difference between villages, towns and cities. We will be identifying features on an OS map using the legend, and describing the different types of land use. We will discuss reasons for the location of human and physical features, and locate some geographical regions in the UK. Children will identify and begin to offer explanations about changes to features in the local area.

In contrast with Kemsing, children will describe the location of New Delhi, and identify some human and physical features. We will explore some similarities and differences between land use and features in New Delhi and Kemsing.

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, tag rugby, hockey and basketball.

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 learn that the internet is a network of networks that must be kept secure. They will explore the World Wide Web, understand who owns content, and evaluate online information for honesty and reliability, recognising the impact of false information.

Creating Media: Audio Production

Learners will identify input (microphone) and output (speaker or headphones) devices for digital sound. They will discuss audio copyright and use Audacity to create and edit a podcast, including adding tracks and managing files. Finally, they will evaluate their work and provide feedback to peers.

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 'Why is Jesus inspiring to some people?'. We will be exploring what makes people inspirational, and why Jesus is especially important to Christians.

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.