

Maths

In mathematics this term, the children will revisit and embed addition and subtraction calculations, and continue to build upon previous learning of formal written methods with exchange.

We will also begin multiplication and division, where children will build upon, and extend their use of the formal written methods, multiplying four-digit numbers by two-digit numbers, and dividing numbers up to four-digits by one-digit numbers. They will express remainders as whole numbers, fractions and decimals and choose from these in order to answer questions appropriately when solving problems. The children will use their multiplication tables facts to help them to solve larger calculations and understand the terms factor, multiple and prime, square and cube numbers.

Children will use the equals sign to indicate equivalence and multiply and divide by 10, 100 and 1000 with increasing confidence, including calculations which involve decimals.

English

This term, the children will be introduced to the 'The Lost Thing' by Shaun Tan using the beautifully illustrated book and animation.

This book is an important commentary on what it means to belong and what happens if we see things differently. Shaun Tan is a significant author-illustrator famous for his books which explore social, political and historical subjects. Dealing with a quest for belonging, this text shares similar themes with some of his other titles which children may be familiar with, including Eric, and will set them up for studying The Arrival in Year 6. There is also an Academy Award-winning short film (narrated by Tim Minchin) to accompany the book which will support children's learning and lead to discussion about belonging, identity and acceptance.

Our reading text for this term is Cogheart by Peter Bunzl in which children have the opportunity to make predictions, explore the author's choice of vocabulary, as well as developing their skills of inference whilst enjoying the adventures of Lily and Robert.

Phonics/Spelling

Week 1

Words containing the letter string 'ough'

Week 2

Words containing the letter string 'ough'

Week 3

Adverbials of time

Week 4

Adverbials of place

Week 5

Words with an 'ear' sound spelt 'ere'

Week 6

Statutory spelling words

Geography

This term, the children will explore and answer the question:

Would you like to live in the desert?

The children will investigate hot desert biomes and learn about the physical features of a desert and how humans interact with this environment.

The children will be able to identify the lines of latitude where hot desert biomes are located, describe the characteristics of a hot desert biome and locate the largest deserts in each continent.

They will consider and explain how human activity may contribute to the changing climate and landscape of a desert and if a desert is an hospitable environment to live in.

Class 5 Term 3

PE

PE this term will be on a **Friday** afternoon. The children will be taking part in fitness and gymnastic activities with our professional coaches.

Forest school

This term, in place of our regular Tuesday afternoon PE session, the children will be doing Forest School with Mr. Adams on a **Wednesday** afternoon.

Forest School is a child-centred inspirational learning process, that offers opportunities for holistic growth through regular sessions. It is a long-term program that supports play, exploration and supported risk taking. It develops confidence and self-esteem through learner inspired, hands-on experiences in a natural setting.

Science

Materials: Properties and Changes

Broadening their experience of the properties of materials, the children will investigate hardness, transparency and conductivity and consider how these properties influence the uses of materials.

They will explore reversible changes, including dissolving and changes of state. Children will compare these to irreversible changes, including rusting, burning and mixing vinegar and bicarbonate of soda.

The children will continue to plan their own investigations which will include a written method, detailing how to ensure control variables are kept the same.

Computing

Programming A: Selection in Physical computing.

In this unit, learners will use physical computing to explore the concept of selection in programming through the use of the Crumble programming environment.

Learners will be introduced to a microcontroller (Crumble controller) and learn how to connect and program components (including output devices- LEDs and motors) through the application of their existing programming knowledge. Learners are introduced to conditions as a means of controlling the flow of actions and make use of their knowledge of repetition and conditions when introduced to the concept of selection (through the if, then structure).

Art

Typography

The children will be introduced to typography design. They will explore how they can create their own fonts and designs whilst exploring how we can use visual letters and other elements to help convey ideas and emotions.

They will be introduced to the work of an artist and a designer who have both used lettering combined with maps to produce maps which tell stories.

Music

In Year 5, students will begin learning to play the recorder as an introduction to reading music and performing with confidence. They will develop key skills such as correct hand position, breath control, and producing clear notes. Throughout the unit, pupils will learn simple melodies, practise rhythm patterns, and work together in ensemble activities to build listening and teamwork skills. By the end of the term, students should be able to play a short piece using a range of notes and demonstrate their understanding of basic musical notation.

RE

Why doesn't Christianity always look the same?

The children will be investigating why Christian worship looks different across the world when key beliefs are the same.

They will explore where Christianity first began, how significant people and leaders influenced Christian practise and why there are different denominations.

PSHE/SRE

Our topic continues to explore friendships: their importance, what being a good friend means, and how to keep friendships positive and healthy. Pupils investigate their own values and identity (including their online identity), and develop skills to resolve difficulties within friendships, including maintaining and respecting personal boundaries and safe touch, managing peer pressure and the effects on friendships of change.