

Maths

In mathematics this term, the children will revisit and embed addition, subtraction, multiplication and division calculations in our daily arithmetic activities.

Our main topic this term will be fractions. In the fractions strand of mathematics in year 5, children build on their understanding of fractions and develop their skills in areas such as equivalent fractions, converting mixed numbers to improper fractions, comparing and ordering fractions, adding and subtracting fractions with the same denominator and multiplying fractions.

Children will make connections between fractions and decimals by exploring equivalence, and how to order and compare decimals. Further connections will be discovered through children identifying the link between fractions, decimals and percentages.

Later in the term, we will return to multiplication and division where children 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.

English

This term, the children will be continue to enjoy and write about '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.

We will continue with Cogheart by Peter Bunzl as our reading text for this term. The children will continue to 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 and the new world of mechanicals.

Spelling

Week 1

Words with an /or/ sound spelt 'or'

Week 2

Words with an /or/ sound spelt 'au'

Week 3

Convert nouns or adjectives into verbs using the suffix—ate

Week 4

Convert nouns or adjectives into verbs using the suffix—ise

Week 5

Convert nouns or adjectives into verbs using the suffix—ify

Week 6

Convert nouns or adjectives into verbs using the suffix-en

History

Were the Vikings raiders, traders or something else?

Children begin by learning who the Vikings were, when they lived, and where they came from, using maps and timelines to place the Viking period in context. They then investigate Viking raids, including how longships enabled travel and why monasteries such as Lindisfarne were targeted. The unit broadens the children's understanding by exploring Viking settlements in Britain, including daily life, farming, and communities within the Danelaw. Pupils also learn about Viking trade, examining trade routes, goods, and artefacts to understand the Vikings as skilled traders and explorers.

Class 5 Term 4

PE

PE will continue to be on a Tuesday & Friday.

Tennis.

This term, children will further develop their striking and hitting skills by learning how to hit different groundstrokes. They will be introduced to the overhead tennis serve, where they will use this in conjunction with developing a volley shot. They will explore the rules and scoring system in tennis.

Basketball

The children will develop control whilst performing skills at speed. They will understand there are different ways to defend, choose and apply a range of tactics and strategies when defending including how to mark a player and space. They will understand there are different ways to attack as a team, choose and apply a range of tactics and strategies when attacking.

Science

Forces and Space:

Unbalanced Forces.

Building on their knowledge of contact and non-contact forces, the children explore gravity, friction, air resistance and water resistance. They will consider the effects of unbalanced forces, plan investigations and test ideas using models to create the most effective pulley system.

The children will suggest which variables will be changed, measured and controlled whilst making decisions about what observations to make and how long to make them for.

RE

Why do people have to stand up for what they believe in?

Pupils explore how beliefs and values can inspire individuals to take action, even when this is difficult or unpopular. The unit introduces children to examples of people from religious and non-religious backgrounds who have shown courage and conviction, such as religious leaders, activists, or ordinary individuals who worked for fairness, justice, or change. Pupils learn about concepts such as commitment, moral responsibility, courage, and respect for different viewpoints, and they are encouraged to reflect on their own values and what they believe is worth standing up for. Through discussion, enquiry, and reflection activities, the unit helps pupils understand how beliefs can influence decisions and actions in everyday life and in wider society.

Design & Technology

The children will give examples of machines that use gears and/or pulleys, their purpose, and how they work. They will use this knowledge to draw and annotate an eco-gadget bike design and develop a marketing strategy whilst exploring designs currently on the market.

Art

The children will continue to explore typography design. They will learn 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

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

The children will learn how to play a simple piece of music individually, and in a round as a class, using the notes learned to date.

Computing

Data and information – Flat-file databases

This unit looks at how a flat-file database can be used to organise data in records. Children use tools within a database to order and answer questions about data. They create graphs and charts from their data to help solve problems.

They use a real-life database to answer a question, and present their work to others.

PSHE/SRE

Caring and responsibility

This topic focuses on special people. It explores why they are special and how they care for and keep one another safe. It examines pupils' increasing responsibilities towards themselves and others as they get older, including the role they can play and the difference they can make within their communities.