Spring 2 Curriculum Overview

Please note that this overview is a guide and may change slightly depending on the children's understanding and the pace of learning in class.

Mondays

Maths:

23rd February: Develop a secure understanding of place value. Challenge**:** Extend to decimal place value and explore powers of ten for very large and very small numbers.
2nd March: Develop understanding of partitioning, progressing from smaller to larger numbers according to ability. Apply partitioning strategies to support mental addition and subtraction.
9th March: Develop confidence and accuracy when using formal written methods for addition.
16th March: Develop confidence and accuracy when using formal written methods for subtraction.
23rd March: Use number lines to support addition calculations. Challenge: Extend to addition involving negative numbers.
30th March: Use number lines to support subtraction calculations. Challenge: Extend to subtraction involving negative numbers.

English: Persuasive Writing, *The Lost Art of Den Building*

A unit inspired by the group's dedication to building their amazing den! Children will begin by studying a model text, analysing both the language used and the overall structure, before practising how to present ideas persuasively. Children will then be introduced to their own writing task: persuading readers that den building is just as important as English and maths! Across the following sessions, children will plan and write a clear introduction, develop persuasive paragraphs with explanations and elaboration, consider and rebut opposing viewpoints, and finish with a strong conclusion.

Art: Mosaics

Children will research existing mosaics and explore their historical context to develop an understanding of the art form. They will then sketch ideas for their own mosaics based on a given theme, before receiving feedback to refine and improve their designs. Finally, children will create their own mosaics, applying the skills and knowledge they have developed throughout the project. This unit will be supported by a visiting artist, providing expert guidance and inspiration.

Tuesdays

Maths: (Nicola)

Children will develop their problem-solving and calculation skills through a range of practical and real-life mathematical activities. They will begin by exploring numbers through investigative problem solving using dominoes, encouraging reasoning and discussion. Children will then focus on strengthening mental maths strategies, learning how to solve calculations efficiently in their heads using number bonds, partitioning and known facts. This understanding will be applied to solving addition and subtraction word problems, helping children make sense of maths in context. Finally, children will learn how to read and interpret thermometers, including understanding scales and negative numbers, linking their learning to real-world situations.

English: (Francesca & Emma)

These lessons are designed to be flexible; however, we typically alternate weekly between reading comprehension and a focused English skill.

Reading comprehension, covering the following skills:

Retrieval
Inference
Summarising
Predicting
Vocabulary exploration
Language Analysis

Skill:

George, Ciel & Josh: consolidation of speech punctuation and identification of literary techniques.

Phoebe & Peter: consolidation of colons and semi-colons and analysis of literary techniques.

Engineering:

Children will explore engineering with a focus on mechanisms through a range of practical, hands-on activities. They will investigate how pulleys and winches work, before applying their understanding to a two-week design challenge in which they plan, build and test a structure to safely catch or protect an egg. Children will then explore wheels and axles by designing and making balloon-powered cars, developing their understanding of movement and forces. Later in the term, they will investigate boats, learning about upthrust and water displacement through practical experiments.