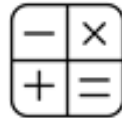


Maths

- **Fractions:** equivalent fractions, comparing and ordering fractions, converting between improper fractions and mixed numbers, adding and subtracting fractions as mixed numbers and improper fractions.
- **Multiplication and Division:** Multiplying 2-digit, 3-digit and 4-digit numbers by a 2-digit number using the long multiplication method, short division of 4-digit by a 1-digit with and without remainders.
- **Perimeter and area:** measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres.
- **Decimals and percentages:** Equivalent fractions, decimals and percentages, order and compare decimals of the same and different number of decimal places, rounding decimals, percentages as fractions and decimals.

Reasoning and Problem Solving in all of the areas above.



Wider Curriculum

- **History:** Year 5 children will be conducting an in-depth study of the Vikings, studying whether they should be remembered as invaders or settlers.
- **Geography:** Year 5 will learn about Brazil in a comparison study.
- **Art:** In Art, Year 5 will study light and dark in 3D forms, with a focus on Lucien Rudauc's work, in particular his work on planets.
- **DT:** In D and T, Year 5 will focus on electrical components and will be developing their own torches.
- **Music:** Our unit 'Fresh Prince of Bel Air' focused around the famous Will Smith song will develop the children's ability to listen and appraise, improvise and compose their very own track.
- **Computing:** Selection in physical computing and Flat file databases.



Year 5

Spring Term Overview

Science

Earth and space:

Children will learn about what makes up our solar system. They will also learn about the heliocentric model, our moon, how day and night are created.

Materials and their properties:

Through this topic, the children will learn about how the properties of different materials and their purposes.



PE



Pupils will work closely with NUFC coaches to develop their skills for invasion games as well as taking part in the classroom based NUFC scheme 'United as one'

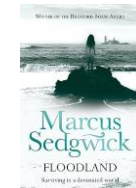
English

- **Writing:** A range of different genres will be explored this term to enable the children to utilize grammatical skills with purpose. Year 5 will continue to apply relative clauses and parenthesis. They will work on the cohesion of their writing; organising their ideas coherently and using conjunctive adverbs to link ideas across sentences. The children will also continue to expanding their vocabulary and applying it to their writing.



- **Spelling:** Children will work on learning the Year 5/6 statutory spelling words whilst also continuing to learn Year 5 spelling rules including silent letters and words containing the letter-string 'ough'. Children will be assessed on their understanding of them in their writing.
- **Reading:** In reading lessons, children will focus on developing their inference and deduction skills further, as well as making predictions and summarising.

Core Texts



Religious Education

This term children will explore Hinduism by investigating the question: How can Brahman be everywhere and in everything? They will also explore Christianity through the enquiry question: How significant is it for Christians to believe God intended Jesus to die?



PSHE

During their PSHE lessons, the children will be learning about 'Dreams and Goals' and 'Healthy me'.

