

Maths

- **Decimals:** Children recap their understanding of numbers with up to 3 decimal places. They look at the value of each place value column and describe its value in words and digits, before learning to round to a given decimal place. They will multiply, divide, add and subtract decimals.
- **Percentages:** Y6 will learn the value of 'per cent' and use their knowledge of common equivalent fractions and decimals to find the equivalent percentage. They will find percentages of amounts and order and compare fractions, decimals and percentages.
- **Multiplication and Division:** Y6 will continue to multiply and divide by 10, 100 and 1,000 giving answers up to three decimal places.
- **Algebra:** Children look at forming expressions before moving on to solving more complex equations. They will explore simple one-step function machines and learn to understand there is an input and output. They will write expressions and substitute into simple expressions to find a particular value. They will also find pairs of values.
- **Statistics:** Y6 will explore line graphs, dual bar charts and pie charts, which require them to apply their knowledge of the four operations and fractions/percentages.



Reasoning and Problem Solving will be covered in each area above.

Wider Curriculum

- **History:** Year 6 children will be conducting an in-depth study of life in Britain during WW2, identifying the impacts of war on local life.
- **Geography:** The children will continue to compare and contrast world climate zones and biomes, exploring the conditions in each and how/why flora and fauna are unique to each.
- **Art:** In Art, Y6 will study the illustrations of Jim Kay in their class novel A Monster Calls, with a focus on using line and tone to show movement in artwork.
- **DT:** In D and T, through a variety of creative and practical activities, pupils will be taught the knowledge, understanding and skills needed to design and make textiles following the 'make do and mend' principle.
- **Music:** Y6 will work through the 'You've Got A Friend by Carole King' unit on Charanga.



Year 6 Spring Term Overview

Science

The Circulatory System: Children will explore components of the circulatory system and its significance. They will plan and complete comparative and fair tests to explore how exercise affects heart rate.

Light: Y6 will learn how light travels and how we, as humans, are able to see. They will explore the key parts of the human eye and the purpose of each. They will also explore the concepts of reflection and refraction.



PE



During Spring Term, pupils will work closely with NUFC coaches to play a range of invasion games. They will also learn the rules of netball and embed their attacking and defending, throwing and catching skills learnt in the autumn term.

Computing

This term, Year 6 will explore how data is transferred over the internet and how to create a webpage.

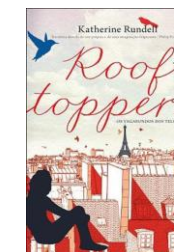
English

- **Writing:** A range of different genres will be explored this term to enable the children to utilize grammatical skills with purpose. Year 6 has a significant focus on using skills to create an effect, which will be developed in their writing of genres such as diary entries.



- **Spelling:** Children will work on learning the Year 5/6 statutory spelling words whilst also continuing to learn Year 6 spelling rules including the infamous 'i before e, except after c'. 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, as well as exploring why the author has chosen to use particular vocabulary to create a particular effect.

Core Texts



Religious Education



This term, Year 6 will investigate two key questions: 'Is anything ever eternal?' and 'Is Christianity still a strong religion 2000 years after Jesus was on earth?'

PSHE

Y6 will explore the units 'Dreams and Goals' and 'Healthy Me'. They will create goals for the remainder of Year 6 and explore how to take responsibility for their health through their choices.

