

Maths

- **Multiplication and Division:** Children will be learning to recall and use multiplication and division facts for the 3, 4 and 8 multiplication tables; write and calculate mathematical statements for multiplication and division using the multiplication tables that they know, including for two-digit numbers times one-digit numbers, using mental and progressing to formal written methods; solve problems, including missing number problems, involving multiplication and division, including positive integer scaling problems and correspondence problems in which n objects are connected to m objects.
- Children will continue to practise their mental recall of multiplication tables when they are calculating mathematical statements in order to improve fluency. Through doubling, they will connect the 2, 4 and 8 multiplication tables. Children will develop efficient mental methods, for example, using commutativity and associativity (for example, $4 \times 12 \times 5 = 4 \times 5 \times 12 = 20 \times 12 = 240$) and multiplication and division facts (for example, using $3 \times 2 = 6$, $6 \div 3 = 2$ and $2 = 6 \div 3$) to derive related facts (for example, $30 \times 2 = 60$, $60 \div 3 = 20$ and $20 = 60 \div 3$).
- They will solve simple problems in contexts, deciding which of the four operations to use and why. These include measuring and scaling contexts, (for example, four times as high, eight times as long etc.) and correspondence problems in which m objects are connected to n objects (for example, 3 hats and 4 coats, how many different outfits?; 12 sweets shared equally between 4 children; 4 cakes shared equally between 8 children).

Wider Curriculum

- **Geography:** The children will be learning all about volcanoes through exploring the following: structure of the Earth, features of a volcano, the location of famous volcanoes around the world, and the human and physical effects of volcanic eruptions.
- **History:** The children will explore how the Ancient Egyptians lived.
- **Art:** Children will study the artwork of Antony Gormley, focusing primarily on the iconic North-East sculpture – the Angel of The North.
- **DT:** Year 3 will be designing and making their very own traditional tale-themed shadow puppets.
- **Music:** – The children will be focussing on a unit titled “The Dragon Song”: a song about kindness, friendship, acceptance and happiness.

Year 3 Spring Term Overview

Science

- **Rocks:** This topic takes the children through six lessons where they learn how to compare and group together different kinds of rocks on the basis of their appearance and simple physical properties. They learn how to describe in simple terms how fossils are formed when things that have lived are trapped within rock; and finally, they learn how to recognise that soils are made from rocks and organic matter.
- **Light:** This topic takes children through six lessons where they learn how to: recognise that they need light in order to see things and that dark is the absence of light; they notice that light is reflected from surfaces; and recognise that light from the sun can be dangerous and that there are ways to protect their eyes. Children learn how to recognise that shadows are formed when the light from a light source is blocked by an opaque object; and they find patterns in the way that the size of shadows change.

PE



- Children will be working closely with NUFC coaches to develop their striking and fielding skills, as well as participating in a range of invasion games.
- Children will also be focusing on the following teacher-led units: Handball and Tennis.

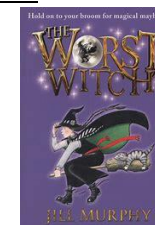
English

- **Writing:** In Year 3, we will develop our writing skills through creating calligrams, as well writing explanation texts, diary entries and traditional tales (with a twist).



- **Spelling:** Children will work on learning the Year 3/4 statutory spelling words whilst also learning spellings with the prefixes re- and super-, and words which require a possessive apostrophe; as well as words which include the ‘eigh’ sound, along with words where the ‘y’ makes an ‘i’ sound i.e. Egypt.
- **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.

Core Texts



Religious Education



Our two RE enquiry focus questions this term are:

Christianity: Could Jesus heal people? Were these miracles or is there some other explanation?

Christianity: What is ‘good’ about Good Friday?

PSHE

In PSHE lessons the children will learn about ‘Dreams and Goals and ‘Healthy Me’.

