

Maths

This half term we will be looking at the **four operations** (addition, subtraction, multiplication and division) and **fractions**

- Add and subtract numbers with up to 4 digits using the formal written method
- recognise and use factor pairs and commutativity in mental calculations
- multiply two-digit and three-digit numbers by a one-digit number using formal written
- recognise and show, using diagrams, families of common equivalent fractions
- add and subtract fractions with the same denominator
- count up and down in hundredths
- solve problems involving increasingly harder fractions to calculate quantities, and fractions to divide quantities, including non-unit fractions where the answer is a whole number
- recognise, find and write fractions of a discrete set of objects: unit fractions and non-unit fractions with small denominators
- recognise and use fractions as numbers: unit fractions and non-unit fractions with small denominators

English

This half term we will be reading *Mama Miti: Wangari Maathai and the Trees of Kenya*. We will use this to:

- Create explanatory pieces of work to inform about The Greenbelt Movement charity.
- Learn the generic conventions of a biography and how we can apply this to create rich and detailed biographies of Wangari Maathai.
- Explore persuasive writing and use the Greenbelt Movement charity and Wangari Maathai as a stimulus to create powerful and persuasive speeches about a topic of our choice.

Computing—We are artists

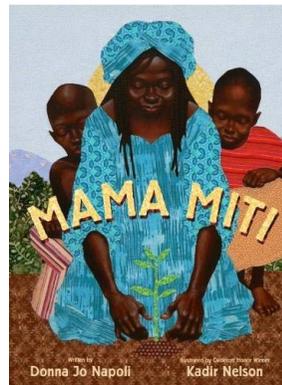
We will be learning to:

- become familiar with the tools and techniques of a vector graphics package.
- develop some awareness of computer-generated art.
- develop an appreciation of the links between geometry and art

PSHE

- Celebrating difference

Autumn 2 Overview



PE

Outdoor: Netball

Indoor: Gymnastics; to develop strength, control and coordination through a range of movements.

Outdoor: Netball

RE

Christianity - 'What is the most significant part of the Nativity story?'

Science Geography History Art
Music Technology MFL

Our Cornerstones Topic is Vista

In our topic based learning we will be:

- Developing our awareness of landscape art.
- Understanding how an artists' choice of colour can create feelings of warmth and coolness.
- Developing a range of shading techniques.
- Using viewfinders to isolate small segments form larger landscape images

Living things and their habitats

In Science, we will be learning to:

- Recognise that living things can be grouped in a variety of ways
- Explore and use classification keys to help group, identify and name a variety of living things in their local and wider environment
- Recognise that environments can change and that this can sometimes pose dangers to living things.

MFL

Outside of our topic, we will be continuing to learn the French language to become increasingly familiar with a range of vocabulary.