Year 6
Topic mat
Autumn term

Maths

In maths this term, we will be focusing on the following areas:

Place value – multiples, factors and numbers to 10 million

The four operations – recap of addition and subtraction along with short and long division and multiplication

Fractions – adding and subtracting fractions and mixed numbers.

The children will be working on fluency within their maths skills, developing stronger arithmetic awareness and how to problem solve.

PE

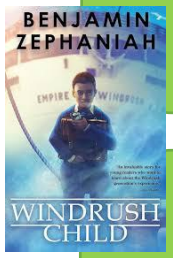
Our PE this term will be focusing on developing skills and teamwork in handball, tag rugby, outdoor pursuits and dance.

Literacy

In Literacy, we will be working on a thought-provoking text called 'Windrush Child' by Benjamin Zephania. The story will enable Y6 to practise different styles of writing including 1st person accounts, persuasive writing and descriptive writing. We will also be exploring the genre of suspense using a wonderfully scary video called Francis. The children will be able to write their own additional chapters linked to the story.

Geography

We will be focusing on Africa this term and looking at some of the countries within it. We will investigate biomes, landscapes, human and physical geography before looking closely at the importance of Fair Trade.



Science

Our science unit this term is focusing on the circulatory system including: the components of blood, how the heart works and how we can keep our bodies healthy.

We will also be investigating microbes, germs and vaccines.

Our trip to the Winchester Science Centre this term links to our science unit on the circulatory system.

RE

Our RE units this term are:

1. Understanding Christianity: Creation and Science: conflicting or complementary?

This is a unit which always evokes lots of super questions and discussions.

2. Kingdom of God: What kind of King is Jesus?

Art and DT

In Art, we will be studying the work of Kandinsky and Klara Reis, looking at colour, shape and form. The children will be creating paintings on canvas of what germs look like under a microscope.

In DT, we will be looking at structures and designing, making and evaluating our own structures in the form of marble runs.

Computing

In Computing we will be looking at technology in the world around us as well as creating our own websites.

Music

This term, we will be exploring rhythmic patterns, dynamics, pitch and texture whilst composing our own music.