

In **Maths** this half term, we will focus on **multiplication & division** and **perimeter & area**. The children will use lots of concrete manipulatives and pictorial diagrams to support their knowledge of multiplication and division written and mental methods. Factors and multiples, squared and cubed numbers will be explored too. After several weeks on this topic, we will then learn how to find the perimeter and areas of squares, rectangles and compound shapes.

Geography will be the main focus for our concept this half term. We will be globetrotting across North America, which includes locating the countries, concentrating on their environmental regions, and identifying and understanding the significance of key physical and human characteristics. We will be describing and understanding key aspects of physical geography including biomes, climate zones, latitude, longitude, the equator and its impact on temperature!

Our **RE** will also involve considering differences when we look at the significance of interpretation to Christians and the impact on their beliefs and actions. We will be exploring the two different accounts of Jesus' birth by Luke and Matthew and considering whether different interpretations matter to Christians.

In **French**, we will focus specifically on saying and writing days, dates and months.

Music will concentrate on unpicking African song but also listening to how other cultures sing, too.

Reminders:

- PE every **Thursday** – the children need to come to school in their warm & well-layered PE kits.
- Please remember to bring coats, water bottles and healthy playtime snacks each day.

Globe Trotting Around North America

This half term, Year 5 will explore the concept: **DIFFERENCES**
What makes us all different?

Through our **English**, we will begin the half term by studying the poem 'The Highwayman' by Alfred Noyes before using it to inspire us to write our own poems. In addition, the children will be writing their own stories to showcase all of their amazing vocabulary, punctuation and grammar learning so far! Later in the half term, the children will begin to look at the structure and language found within travel brochures, before creating their own for a North American destination. The children will also be continuing to focus on their spelling, handwriting, reading fluency and comprehension through discrete lessons each day.

Our Homework expectations stay the same:

- Spellings appear on Google Classroom every two weeks. Please explore the meanings and the spellings of these words with the children but do not feel the children should learn them off by heart – we will not be testing them!
- Every day – Reading, reading, reading! How many raffle tickets can they achieve?

PE this half term will focus on improving balance, movement and tactics within different ball games, including Handball and seated volleyball!

In **Art**, the children will have the opportunity to study different ways in which geologists and artists draw maps. We will be exploring the use of line drawing to create alternative informative maps using Naïve Art in the style of Aleksandra Mizielinska & Daniel Mizielinski, Julia Gash and Kev Munday.

Science will focus on properties and changes of materials. The children will work scientifically carrying out tests to answer questions such as 'Which materials would be most effective for stopping an iceman from melting?' or 'How can I keep a drink hotter for longer?' The children will use their Year 4 knowledge to create a simple circuit discovering which materials are electrical conductor or insulators. The children will also explore the best conditions to for dissolving sugar in the fastest time.

Our **HeartSmart** theme is "Don't Forget to Let Love In" as we explore ways to stay open to the love that is around us and keep ourselves 'topped up' with love.

We will be researching a range of information about North American tribes to inform our creations of weaves in **Design Technology**. The children will use sticks as a starting structure and then use different coloured wools, matching their research, to weave a pattern between the sticks.

Our **Computing** this term will continue with the work from last half term on the use of technology in Space. This time, the children will use online 3D design software to create a new tyre for the Mars rover!