

In **Maths** this half term, we will begin by finishing our unit on **multiplication & division**. The children will secure their knowledge of multiplying and dividing by 10, 100 and 1,000. We will then start our next unit, which focuses on **fractions**. This will involve finding equivalent fractions, converting between proper and improper fractions, comparing and ordering fractions and finally adding and subtracting fractions. We will also keep testing times tables every week too!

Geography will be the main focus for our concept this half term. We will be globetrotting across North America, which includes locating the countries, giving reasons for population density and distribution, and identifying and understanding the significance of key physical and human characteristics within USA, Canada and Mexico. We will be describing and understanding key aspects of physical geography including biomes, canyons, mountains and canyons!

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 deepen their understanding of digital images and use an online 3D design software to create a new tyre for the Mars rover!

Reminders:

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

Our **RE** will 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.

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 learning about what makes an effective travel brochure – practising their non-fiction writing. Independently, they will then create travel brochures for visiting Mexico! After this, the children will be studying the poem 'The Highwayman' by Alfred Noyes and writing their own poems based upon this stimuli. In addition, the children will be writing their own stories to showcase all of their amazing vocabulary, punctuation and grammar learning so far! The children will also be continuing to focus on their grammar, spelling, handwriting, reading fluency and comprehension through discrete lessons across each week.

Our **Homework expectations stay the same:**

- Spellings appear on Spelling Shed every week.
- At least four times a week – Reading, reading, reading! How many raffle tickets can the children achieve? Please sign the children's learning logs.
- As much as possible – TT Rockstars.
- After Christmas, we will be introducing weekly SPAG homework.

PE this half term will focus on maintaining a balance, as well as collaborating and co-operating with others in our indoor PE lessons. On Tuesdays, we will be developing skills as basketball players – learning effective ways to pass, shoot and dribble a basketball whilst working as a team!

Music will concentrate on unpicking African song and will include an exciting drumming workshop.

Science will focus on Properties and Changes of Materials. The children will work scientifically by carrying out tests to answer questions such as 'How can I keep a drink hotter for longer?'. The children will use their retrieval knowledge from Year 4 to create a simple circuit discovering which materials are best to use as an electrical conductor. The children will also explore the best conditions to dissolve sugar in the quickest time and explore the reasons as to why objects are made from specific materials based on evidence and knowledge.

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. The children will also be learning some basic first aid skills during some additional PSHE lessons.

We will be researching and investigating a range of bridges to begin our unit of structures in **Design and Technology**. We will look at their designs and explore the strength of beam, arch and truss bridges. After our investigations, the children will use a variety of tools to cut and join wood to create their own bridge.

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