

Geography

Why are rainforests important?

During this topic pupils will explore the fascinating world of rainforests by learning about different biomes, and where rainforests are located across the globe. They will discover the unique characteristics that make rainforests so special, including their climate, layers, and biodiversity. Pupils will also gain an understanding of the lives of indigenous people who live in these environments and how they depend on the rainforest for survival. Finally, the topic will explore how rainforests have changed over time and why it is important to protect them for the future.

Key vocabulary – deforestation, greenhouse gas, canopy layer, forest floor, emergent layer, understorey layer, Tropic of Capricorn, Tropic of Cancer, lianas, lines of latitude

Maths

This term in maths, we will begin by focusing on place value, where pupils will be identifying, partitioning, ordering, and estimating numbers up to 10,000. This will help build a strong foundation for understanding larger numbers. Later in the term, we will move on to addition and subtraction, with a focus on adding and subtracting numbers up to four digits using efficient written methods. We will then apply our learning to measurement by exploring the perimeter of rectilinear shapes, developing practical skills in calculating and problem-solving.

Please encourage your children to use TTRockstars daily to improve their multiplication fluency. They will also be given one of times table to complete for the week.

Science

Sound and vibrations:

We will be exploring pitch, volume and how sound travels. This follows on from our last unit of States of Matter, so the children should be able to apply their prior knowledge to their new learning.

Key words: air, eardrum, insulator, pitch, proof, sound, vibration, volume.



Year 4 Autumn 1



Art: Exploring tone, texture and proportion

We will explore different tones, textures and proportion to create realistic and expressive drawings, taking inspiration for Sarah Graham, Nicola McBride and Beatriz Milhazes.

Bucks Music Trust (BMT)

This term Year 4 have the opportunity to learn how to play the ukulele through our specialist teacher from BMT.

RE: Are all religions equal? What makes some texts sacred? In autumn term pupils will investigate two religious topics, our first being 'Are all religions equal?'. During this topic we will explore different religions and the Gods they worship, establishing similarities and differences. We will then move into the topic of 'What makes some texts sacred?'; investigating how different religions share their beliefs.

PSHE (MyHappyMind) – Meet your brains: In our first unit pupils will train their minds to focus on whatever they want. They will learn that this is Neuroplasticity, and they can do anything they put their mind to.

Computing:Communication –Pupils will explore the use of emails, and the positives and negatives of being online.

Reading

The Land of Roar

During our reading *The Land of Roar* is a magical world that twins Arthur and Rose used to imagine and play in when they were younger. It's filled with dragons, mermaids, ninja-wizards, and all kinds of fantastical creatures. The story's themes are imagination and creativity and the we will explore these through our VIPERS (vocabulary, inference, prediction, explain, retrieve and summarise) lessons, where there will be an opportunity to analyse the text.

Please read with your children daily to develop these skills further.

Writing

We will begin the year by writing looking at sentence structure, embedding the grammatical skills the pupils will need to support their writing this year. Then we will exploring story openings, setting descriptions and narratives using our reading text *The Land of Roar* as our writing stimulus.

PE days will be on:

Monday PM (4ES will be swimming) and **Thursday PM**.