



Riverside Primary School



English

This half-term, children will be reading "Leon and the place between" by Grahame Baker-Smith and Angela Mcallister. Children will develop their spoken language by listening and responding, building vocabulary and asking relevant questions whilst participating in discussions, role plays and improvisations. They will develop their reading comprehension by: discussing words and phrases, ask questions to improve understanding, draw inferences and predict from details stated and implied. These skills will prepare the children to write Leons secret diary about what really happened in 'the place between'.

Science

This half our topic is electricity. We will identify common appliances that run on electricity. We will construct a simple series electrical circuits, thinking about what components does an electrical circuit need to work? Children will learn about open and closed switches and associate this with whether or not a lamp lights. Children will work in groups to identify which materials are electrical conductors and electrical insulators. Children will create an information leaflet focusing on electrical safety and the dangers of electricity.



Mathematics

Children will explore perimeter, engaging in practical activities such as measuring doors, tables and 2D shapes to calculate the perimeter of each object. We will then explore multiplication and division. Children will use place value to multiply and divide mentally, including multiplying by 0 and 1, dividing by 1 and multiplying together 3 numbers. Children will use the formal written method to multiply 2 and 3 digit numbers by a one digit number. We will also explore area which will involve finding the area of rectilinear shapes by counting squares.

Music

This half-term, children will be learning "This Little Light of Mine", an expressive Gospel song. They will improvise with their voices using the pentatonic scale (D-E-G-A-B) and sing in a Gospel style with expression and dynamics. The children will also sing a partner part rhythmically, play a bass part and rhythmic ostinato, and listen and move in time to Gospel music, developing their musical understanding and performance skills.



Year 4

Autumn 2

Computing

This unit focuses on 'searching the web', children will learn about safe and effective searching online. It covers what a search engine is and tips and tricks for using them effectively, safe and effective image searching, evaluating what we see online for authenticity and design and searching maps. Children will also explore artificial intelligence (AI), create clear and precise prompts for a generative AI chatbot and understand possible negative uses of generative AI.



PE and Kit

Indoor PE kit

Monday – cricket coach

Thursday – NUFC coach

DT

Our topic this half term is seasonal stockings. We will explore why the function and visual appeal of stockings are important. We will practice stitches such as the running stitch, overstitch, zig zag stitch and back stitch. The children will then design their Christmas stocking and apply a range of skills such as decoration, stitching and evaluating their product.



Geography

Children will be learning about 'Why are rainforests important to us?' They will explore examples of biomes and some features of the Amazon rainforest. Children will describe the characteristics of each layer of the tropics rainforest and understand the lives of indigenous people living in the rainforest. We will explore how rainforests are changing and learn about threats to the Amazon. Children will use a variety of data collection to understand how local woodland is used, they will then analyse and present these findings.

RE



Children will be learning about The Big Question: "What do we know about Jesus?" They will think about how representations of Jesus can vary and pictures can tell us about people's personal beliefs about him. Children will find out what Jesus was like by researching the gospels and exploring other people's views.