



Riverside Primary School



English

This half-term, children will be reading Anthony Browne's "Kong". Their mastery focuses for the unit are: to use expanded noun phrases to convey complicated information concisely, use passive verbs, link ideas across paragraphs using a wider range of cohesive devices (using repetition, adverbials and ellipsis) and integrate dialogue to convey character and advance the action.

Science

The topic this half-term is Electricity. Children will learn how to use recognised symbols when representing a simple circuit in a diagram, as well as associating the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit. They will compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches.



Mathematics

Children will initially focus on multiplication and division. They will extend their knowledge of formal written methods to compact division with one and two-digit numbers and compact long multiplication. They will continue to practise using formal methods for the other operations, as well as practising arithmetic problems and developing their problem-solving and reasoning skills. Later, they will recognise, read and write all metric measures for length, mass and capacity, as well as solving measurement problems in context. They will learn and apply methods to calculate area, perimeter and volume.

Music



In music, children will listen to and discuss their thoughts and feelings about music from the 'Big Band Era'. To begin with, they will listen to the Glenn Miller song 'In the Mood' and learn about its context in a Hollywood film. They will learn a song dedicated to him called Hey Mr Miller. They will develop composition skills to accompany the song.

Year 6

Autumn 2

Computing

This term, children will be participating in the exciting 'LEGO Challenge' scheme which will enable pupils to build, create, code and solve problems with fantastic LEGO resources. Children will create working robots that can perform a range of functions and learn to work collaboratively as a team. This year's theme is called 'Unearthed' and links to archaeology.



DT

DT this term will link closely with Computing. The unit is about programming and computer design. They will learn about how the electrical products all around us work and design projects such as a traffic lights system using Lego sensors and software.



PE and Kit

Pupils will need to come into school in their outdoor PE kit on Monday this half-term. Pupils will be doing Cricket with a cricket coach. Indoor kit is required for Wednesday's gymnastics lesson.
White t-shirt and black shorts.
Jogging bottoms and trainers if necessary for outdoor use (Mondays).

Geography

Our topic this half-term is based around the enquiry question, "Why does population change?" Children will understand the change and distribution of the global population, defining birth and death rates and describing why they change. Children will recognise the push and pull factors influencing migration and will begin to understand the impact climate change can have on the global population.

RE



Pupils will learn about Christianity this half term, leading up to the Christmas story. They will be putting the gospels in the wider context of the Bible and looking at what the gospels tell us about the birth of Jesus.