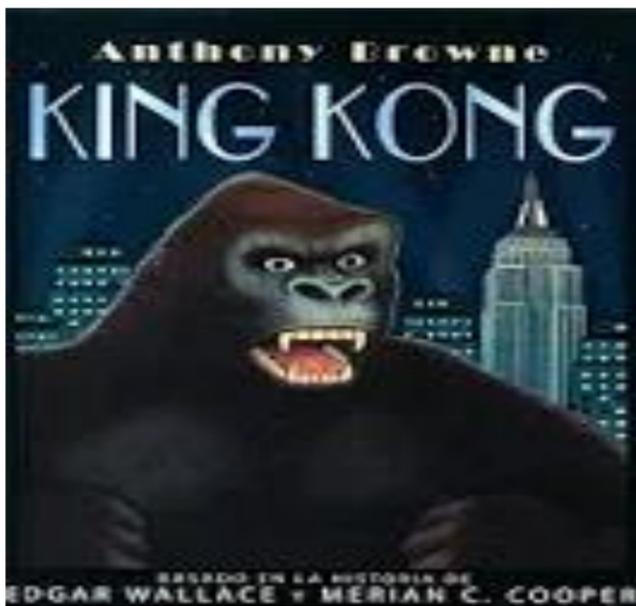


Year 6 – Autumn 1 Learning Journey



Reading

This half term we will be reading King Kong. King Kong is a giant gorilla who lives on a remote island. The mighty beast falls for a beautiful girl, Ann Darrow, and desperate to have her, finds himself lured into captivity. He is brought to civilisation and put on show, but when he sees Ann, he breaks his heavy chains and begins to wreak havoc on the streets of New York . . . The enthralling story of King Kong involves battles with dinosaurs, daring rescues and incredible escapes - endless thrills lead up to one of the most famous climaxes of all time!

In Destination Reader lessons, we will use a range of reading strategies such as questioning, inference, predicting, making links, clarifying, evaluating and summarising. We will also be learning how to answer SATs style questions using the CLEAR model.



Maths



Week 1, 2 & 3 – Number and Place value.

We will be representing 5 and 6 digit numbers; ordering and comparing numbers up to 10 000 000; rounding numbers; calculating intervals across zero and finding the term to term rule.

Week 4- Assessment week

Week 5 & 6 – Addition and Subtraction

We will be solving multi-step problems; working systematically; solving missing digit number problems; adding and subtracting decimal numbers and using rounding to estimate.

Week 7 & 8 – Division and Multiplication

We will be learning about factors and multiples; understanding the order of operations; multiplying and dividing by 10, 100 and 1000 as well as the written method for multiplying and dividing.

Writing

Following 'The Write Stuff' approach, our first piece of writing will be a persuasive brochure. We will be using the information from the book to persuade people to visit New York City. We will learn all about the city and the amazing attractions people could visit. We will be revising simple, compound and complex sentences as well revising colons and semi colons.



Science

We will learn how to associate the brightness of a lamp or the volume of a buzzer with the number of voltage cells used in a circuit. We will also 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 and use recognised symbols when representing a simple circuit in a diagram.



PE

In PE this term, the focus will be on gymnastics and football. The children will be participating in a variety of activities and games to develop their skills in these areas.

Geography

This term we will be looking at mountains, volcanoes and earthquakes. We will learn about the layers that make up earth, tectonic plates, types of mountain, how natural disasters are caused and the effects they can have.



Art & Design Technology

Using our understanding of electrical systems and design, we will design and create a steady hand game. We will use nets to create bases and our knowledge of electrical circuits to build a circuit with a buzzer which closes when the handle makes contact with the wire frame.



Music



We will be learning how to appraise Fingal's Cave by Mendelssohn and develop improvisation and composition skills with a focus on pitch, dynamics and texture.

Spanish

In Spanish, we will be building our vocabulary and conversation skills, including talking about clothes.

Computing

We will be learning about the automated motor vehicle Mars Rover and exploring how and why the Mars Rover transfers data. We will understand how messages are sent using binary code and experience how to programme a Mars Rover, calculate binary addition and represent binary as text.



PSHE



In PSHE lessons we will looking at personal safety.

RE

In our RE lessons, we will be learning about Islam with a focus on beliefs and practices.



Important Dates

Assessment week: 20/09/21