

## MATHS

AFRICA

YEAR 6 AUTUMN

Children will learn:

- To read, write and compare 6 and 7-digit numbers and decimals
- To round to the nearest 10, 100 and 1000
- To round decimals to the nearest tenth and whole number
- About negative numbers
- Mental strategies for addition and subtraction
- Written methods for addition and subtraction problems including money
- Written methods for multiplication and division (including with remainders)
- How to divide using factors
- Multiples and factors
- About prime, square and cube numbers
- Equivalent fractions and how to simplify fractions
- How to convert between mixed numbers and improper fractions
- To add, subtract, multiply and divide fractions
- To calculate fractions of an amount
- To identify fractions on a number line and to compare and order decimals
- About the four quadrants
- How to translate and reflect



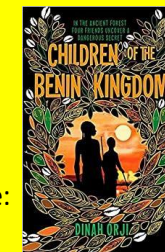
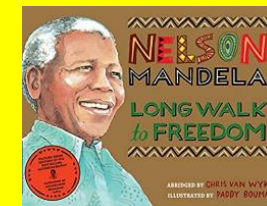
## READING AND WRITING

Children will use VIPERS and take part in Non-fiction Fridays in Guided Reading sessions

The class books they will be reading are: Children of the Benin Kingdom and Nelson Mandela Long Walk to Freedom

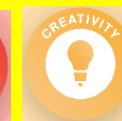
In grammar lessons the children will learn about:

- Adjective phrases
- Adverbs
- Modal verbs
- Subordinating conjunctions
- Commas
- Fronted adverbials
- The passive voice



In writing the children will be using their knowledge to write:

- A character description
- A diary entry
- Letters
- A non-chronological report
- Creation stories



## SPANISH



Children will learn:

- Greetings
- Numbers to 20
- Days of the week and months of the year
- About the town

## COMPUTING



Children will learn:

- E-safety
- To refresh their Google Classroom skills
- The features of Google slides and Prezi
- How to use Movie Maker/iMovie



## MUSIC



Children will learn about the musical elements through:

- Techniques for African djembe drumming
- Exploring call and response
- Composing over an 8 beat cycle
- Refining their composition



## ART and DESIGN and TECHNOLOGY



In art the children will learn:

- To use sketchbooks to make observations and review their art work.
- To work collaboratively on a larger scale
- To develop photography skills including looking at micro, macro, and high angles
- To mould clay to make Benin Bronzes
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In Design and Technology children will learn:

- To use a 3D printer to design a classroom for the future.



## GEOGRAPHY AND HISTORY

In geography children will learn:

- About the location and physical and human features of Nigeria and South Africa
- To use maps and atlases

In history the children will learn:

- Research skills
- About Nelson Mandela
- About Apartheid
- About the Kingdom of Benin, including society, agriculture and transport
- To compare the Benin Kingdom to modern day Nigeria



## PSHE

Children will be following the Jigsaw programme and learn:

- To identify goals for the year
- How to express their worries and fears
- The universal rights of children
- To make choices for their behaviour
- About democracy
- How having a disability may affect someone's life
- About power within groups
- About bullying and why people use bullying behaviour
- How differences can be a source of conflict but also celebration



## RE

Children will be learning about:

### Ceremonies

- How people mark special moments in their lives
- Ceremonies at the beginning and end of life



### Buddhism

- Siddhartha Gautama
- The importance of the Buddha
- The Noble Truths
- Karma
- The Wesak festival
- Shrines

### Christianity

- The Nativity
- Giving

## PE

Children will learn:

- To gain possession by working as a team
- To create and apply attacking and defensive tactics
- To show good control in different movements
- all of which will be explored through rugby

### Fitness with a focus on endurance

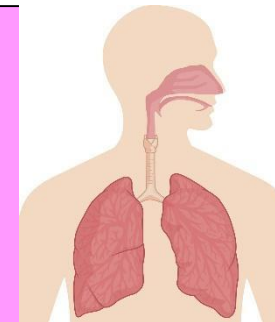
- To understand the components of fitness and explain how the body reacts to different kinds of exercise
- To explain why certain warm ups and cool downs are appropriate for different exercise

### Real Dance with a focus on the social skill

- To work with others and motivate others to dance and perform better
- To confidently show control and balance when accurately performing dance movements

### Real Gym with a focus on the creative skill

- To develop gymnastic sequences where movements are controlled, accurate, clear and consistent
- To link actions and develop complex and extended sequences of movements that express ideas
- To consider variety and creativity to engage an audience



## SCIENCE

### Working scientifically



Children will learn:

- To identify scientific evidence that has been used to support or refute arguments
- To make observations
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### Animals including humans

Children will learn:



- About the digestive system
- The cardiovascular system
- The Excretory system
- The respiratory system
- Key information about an African animal

