

Africa

Spring 1 & 2
Year 5 and 6

Literacy:

- Journey to Jo'burg
- Autobiographies and biographies
- Wildlife reports
- Rudyard Kipling's Just So Stories

Science:

Animals, Including Humans

Compare and group animals, based on their characteristics. Identify ways in which they have adapted to suit their environments.

Evolution and inheritance

Recognising that living things have changed over time, understanding how animals and plants have adapted over time and exploring fossilisation.

Humanities

Throughout this topic the children will explore the formation and characteristics of landscapes and environments within the African continent; developing their knowledge of how natural and human environments and process interlink and the effects that these have on people.

They will learn about;

- Collecting, analysing and communicating a range of data gathered through fieldwork.
- Interpreting a range of sources of geographical information such as; maps, diagrams, aerial photographs and Geographical Information Systems (GIS).
- The physical features of contrasting locations.
- The positive and negative effects that natural environments can on communities.

WOW Day Experiences:

African Dance/Art Workshops

Art/DT:

- Batik and tie dying techniques
- Tribal Masks

Maths Year 5:

- Use all four operations to solve problems involving money using decimal notation including scaling.
- Add, subtract, multiply and divide whole numbers with more than 4 digits, using the formal methods of columnar + & -, long multiplication for two-digit numbers and short division, interpret remainders appropriately for the context
- Solve problems involving converting between units of time.
- Read Roman numerals to 1000 (M) and recognise years written in Roman numerals. (Introduce in context of time).
- Complete, read and interpret information in tables, including timetables
- Recognise mixed numbers & improper fractions; convert from one form to the other; write mathematical statements > 1 as a mixed number [e.g. $\frac{2}{5} + \frac{4}{5} = \frac{6}{5} = 1\frac{1}{5}$]
- Add & subtract fractions with the same denominator & denominators that are multiples of the same number.
- Multiply proper fractions & mixed numbers by whole numbers, supported by materials & diagrams
- Solve problems with numbers up to three decimal places.
- Solve problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those with a denominator of a multiple of 10 or 25.
- Solve problems involving \times and \div including scaling by simple fractions & problems involving simple rates.
- Interpret and construct pie charts and use these to solve problems (Y6), solving problems which require knowing percentage and decimal equivalents of $\frac{1}{2}$, $\frac{1}{4}$, $\frac{1}{5}$, $\frac{2}{5}$, $\frac{4}{5}$ and those with a denominator of a multiple of 10 or 25.
- Recognise, describe and build simple 3-D shapes, including making nets.
- Compare and classify geometric shapes based on their properties and sizes (Y6).

Maths Year 6:

- Divide numbers up to 4 digits by a two-digit whole number using the formal written method of short division where appropriate, interpreting remainders according to the context
- Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.
- Multiply simple pairs of proper fractions, writing the answer in its simplest form [for example $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$]
- Divide proper fractions by whole numbers [for example $\frac{1}{3} \div 2 = \frac{1}{6}$]
- Associate a fraction with division and calculate decimal fraction equivalents [for example 0.375] for a simple fraction [for example $\frac{3}{8}$]
- Calculate the area of parallelograms and triangles.
- Calculate, estimate and compare volume of cubes and cuboids using standard units, including centimetre cubed (cm³) and cubic metres (m³), and extending to other units [for example mm³ and km³]
- Generate and describe linear number sequences
- Express missing number problems algebraically
- Find pairs of numbers that satisfy number sentences with two unknowns
- Enumerate possibilities of combinations of two variables
- Interpret and construct pie charts and line graphs and use these to solve problems
- Calculate and interpret the mean as an average
- Recognise angles where they meet at a point, are on a straight line, or are vertically opposite, and find missing angles.
- Illustrate and name parts of circles, including radius, diameter and circumference and know that the diameter is twice the radius

PE

- compare their performances with previous ones and demonstrate improvement to achieve their personal best.

RE:

Mission – Looking at the work of charities who work for global justice and equality and looking at how Jesus' mission serves as an example for us.

Unity – Looking at Christianity and Catholicism as a global family.

Sacrifice – Exploring the sacrifice Jesus made for the sake of humanity through the crucifixion.

Music - Percussion

- play and perform in solo and ensemble contexts using steel pans and other percussion instruments, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression
- listen with attention to detail and recall sounds with increasing aural memory.

Spiritual:

- Events surrounding the Year of Mercy.
- Participation in Acts of worship
- Weekly Statement to live by
- Child led collective worship
- Class liturgies, class masses and year group masses at church
- Learn about other faiths
- Prayer partners
- Access to prayer group
- Chaplaincy team

Moral:

- r-time/PSHE/circle time
- E-safety awareness
- Mini leaders
- School council
- Charity events run
- Exploring issues surrounding global justice and citizenship
- Environmental sustainability- protecting our planet for future generations. (Laudato Si)
- Exploring issues to do with racial equality

Social:

- Charity fundraising
- Golden skills
- Prayer partners
- Mini leaders
- Links with other schools through sports events, maths competition and poetry performance

Cultural:

- Explore other world faiths.
- Explore aspects of African culture.
- Explore significant physical landmarks in Africa, contrasting with our own location.

Golden Skills

Self belief

The children will explore how to have a positive attitude towards body image, recognising difference as a positive attribute.

Perseverance

The children will learn from the experience of significant figures who showed a good level of perseverance in order to achieve success.

They will look at their own learning behaviours and recognise situations in which perseverance is crucial in order for them to achieve their own goals.

Curiosity

The children will look at people who showed curiosity which resulted in significant discoveries and inventions which have influenced our lives and our culture.

Children will have opportunities to express curiosity within the classroom eg. through the wonder wall.

Communication

The children will develop a greater understanding of the importance of their ability to communicate effectively in different situations and in different forms.

They will explore non verbal communication and how this impacts on their learning behaviours.

Independence

The children will have access to and be encouraged to use different sources of information to strengthen their understanding of the term's topics. The children will explore figures who have demonstrated independence in order to be successful.

Aspiration

Throughout this topic, the children will explore the lives of key figures who have overcome barriers in order to achieve their goals.

The children will be encouraged to engage with questions regarding their own personal aspirations and to think about their own contribution to society.