Class: Year 6

Term: Autumn

English

This term the children will be reading 'Journey to Jo'burg' by Beverley Naidoo. Set in South Africa, it is the inspiring story of two brave children who will do anything to save their sister.

Reading- Children will respond to the text by thinking about:

- Know that there is a range of narrative genres and they are structured in different ways.
- What they like/dislike about the book.
- Know that texts have different layers of meaning
- Find the different layers of meaning in a text.
- Make predictions from evidence found and implied information.
- Summarise the main ideas drawn from a text.
- Identify themes in books which have different cultural, social or historical contexts.
- Identify key information from a text and summarise into sentences.

Writing- Children will:

1. Write a character description of Naledi
2. Write a setting in the style of the author
3. Write an information text about the difference between rich and poor in South Africa
4. Write a newspaper article about the missing money
5. Write a letter to the Government
6. Write an alternative ending to a chapter

Punctuation and Grammar-

1. Organise work into paragraphs
2. Understand that a wide range of devices are used to link ideas in paragraphs.
3. Use of expanded noun phrases to add detail
4. Understand that sentences can be active or passive and when it is appropriate to use it.
5. Recognise that a semi-colon can be used to separate items that are longer than one word in a list.
6. Write sentences using a semi-colon to separate items in a list.

Mathematics

This term Year 6 pupils will be studying the following areas of Mathematics.

Read, write, order and compare numbers up to 10,000,000 and determine the value of each digit. Identify common factors, common multiples and prime numbers.

Use mental strategies to perform mental calculations, including with mixed operations and large numbers. -Use knowledge of the order of operations to carry out calculations involving the four operations.

Solve problems involving the calculation and conversion of units of measure, using decimal notation to three decimal places where appropriate. Use estimation to answer a problem then explain whether it is reasonable.

Use a range of numbers to multiply and divide. Multiply multi-digit numbers up to 4-digits by a 2-digit whole number using the formal written method of long multiplication. -Divide numbers up to 4-digits by a 2-digit whole number using the formal written method of long division, and interpret remainders as whole number remainders, fractions, or by rounding, as appropriate for the context. -Divide numbers up to 4-digits by a 2-digit number using the formal written method of short division, where appropriate, interpreting remainders according to the context.

Compare and order fractions, including fractions >1. Use common factors to simplify fractions. Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions.

Draw 2D shapes. Compare and classify geometric shapes based on their properties and sizes and find unknown angles in any triangles, quadrilaterals, and regular polygons.

Describe positions on the full coordinate grid, all four quadrants
-Draw and translate simple shapes on the coordinate plane and reflect them in the axes

Science

In Physics we will also be revisiting the topic of Light. We will look at:

1. How light travels
2. How the human eye sees objects
3. How different colours of light can be created

Year 6 pupils will be learning about the theory of evolution in Biology. This will include looking at:

1. Recognising that living things have changed over time and that fossils provide information about living things that inhabited the Earth millions of years ago

2. Recognising that living things produce offspring of the same kind, but normally off spring vary and are not identical to their parents

3. Identifying how animals and plants are adapted to suit their environment in different ways and that adaptation may lead to evolution.

Working Scientifically:

They will perform an experiment to find out how light travels. They will take part in experiments to see how shadows vary in size. They will raise questions about how fossils help with understanding the world today.

Cross curricular Literacy links

Diary writing

Enquiry based research

Artwork

Non-fiction information texts

Instruction writing

Poetry

Cross curricular numeracy links

Coordinates linked to map work

Data gathering and investigation

Time zones

Problem solving

Spanish -

▪ An introduction to Spanish!

Listen attentively to spoken language and show understanding by joining in and responding.

Explore the patterns and sounds of language through songs and rhymes and link the spelling, sound and meaning of words

Engage in conversations; ask and answer questions;

History – Vicious Vikings

Pupils will challenge the perception of the Vikings as merely 'Vicious raiders and invaders'. They will look at the richness of Viking culture, why did they choose to invade and the Viking settlements.

Magnificent Mountains – Where are they?

R.E.

Children will be contemplating what we can learn about religious diversity in our local area.

What different religions do we have in our local area?

What religions do you know of?

Are there any similarities between them?

Music

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Pupils will:

Find out the history of music from other cultures (Vikings)

PSHE / RSE

Children will discuss and debate the following topics:

Strong Societies

Times of Need

They will also look at looking after themselves and keeping themselves safe

P.E.

Children will focus on building up their cardio vascular fitness.

Computing

Pupils will:

Look at e-safety

Revisit work on Scratch

Design, write, edit and publish a PowerPoint looking at Evolution

Art/DT

Pupils will:

Design and make a money bag.

What would a 3D mountain look like?

Look at famous Pop art artists