



Grimsdyke School



English (Reading): This term pupils will be studying the class reader *Journey to Jo'Burg* by Beverley Naidoo and *The Curse of the Maya* by Johnny Pearce & Andy Loneragan. They will be demonstrating an understanding of the plot, empathy with characters and interpreting the author's references. Pupils will aim to develop inference skills, scanning and retrieving information from a text and verbally express their understanding through class or small group discussions.

English (Writing): The pupils will be writing a variety of text types based on the class reader, some of these include: persuasive pieces, diary entries, letter writing, a narrative and use drama to show understanding of a text. The children will be exploring non-chronological reports through their topic work as well as revisiting journalistic writing. They continue to develop their understanding of more complex sentence structures and the punctuation needed to clarify meaning in grammar lessons. They will learn about semi-colons and when to use them as well as studying the active and passive voice. They will also be introduced to subjunctive form.

Maths:

This half term, the students will continue to make connections with the written and mental strategies that link multiplication, division, addition and subtraction facts as well as continue to tackle multi step problem solving tasks. Students will also reinforce and extend their knowledge of fractions, decimals and percentages, learning to convert basic decimals into percentages and fractions. We will be extending the students understanding of how arithmetic signs are used in preparation for studying algebra to find unknown amounts in a statement. Students will also begin to study geometry, learning to measure and calculate angles. They will learn how the term diagonal applies to shapes and how diagonals can assist in calculating the size of an angle.

Curriculum Map for Year 5 Spring Term Theme: Stronger Together



Science:

During the Spring Term we will be learning about Earth and Space, children will build on their knowledge of the planets and our solar system as well as looking at the earth, moon and sun. The children will explore the movement of the earth, moon and other planets relative to the sun and solar system. In addition, the children will investigate the Earth's rotation in order to understand day and night and gain an understanding of the different phases of the moon. Year 5 will also complete a Space Project.

P.E:

In Year 5 pupils will continue to apply and develop a broader range of skills, learning how to use them in different ways. They will collaborate and compete with each other and develop an understanding of how to improve in different physical activities. There will be a focus on ball skills through their tennis unit. Pupils will learn how to evaluate and recognise their own success. The children will play competitive games and learn how to become responsible for their physical well-being.

Children will be introduced to African dance through their music lessons. We will combine, dance, singing and drumming for our performance.

PSHE:

During PHSCE this term the children will be developing their knowledge, understanding and skills in four key social and emotional aspects of learning: empathy, self-awareness, social skills and motivation. They will study the Jigsaw units:

Spring 1 - Dreams and goals - The theme offers children the opportunity to see themselves as valued individuals within their community and to contribute to shaping a welcoming, safe and fair learning community for all. The children will think about their futures and what they hope to be when they grow up.

Spring 2 - Healthy Me - This term, the children will be deepening their understanding of drugs and alcohol and their effects on our bodies. They will be able to find strategies on coping emotionally with pressure and making the best choice for them.



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History:

This half term the focus of our historical study will be a range of South American civilizations including the Aztec and the Maya. Students will learn about:

- When these civilizations were at their peak and when they declined
- How we know about them including through archaeological evidence
- Everyday life including social organisation, dress and homes
- Religious beliefs and practices
- Their culture and legacy
- The reasons for their eventual decline

Students will make comparisons with other civilizations they have studied and consider the impact that these have had on the present day

Geography:

During this term, the children will be studying 'Rivers'. The children will explore where water comes from and gain an understanding of the water cycle. In addition, children will gain locational knowledge of the different rivers found around the world using Atlas' to locate them and increase their understanding of how the local area around a river has changed over time. The journey of a river will be explored and activities to identify the features of a river will be undertaken.

The children will also complete a mini research project on a River of their choice.

Computing:

This term our focus will be on learning about coding and programming.

- Know that complex algorithms can have multiple errors that need debugging
- To know how to read a complex program
- To know how a particular algorithm works
- To know how to detect (using logical reasoning) a bug and debug that problem in a program
- To know a range of inputs and outputs that control or simulates control of a physical system

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Art and Design:

We will create art work inspired by The Mayas, Aztecs and Incas, looking at historical sculptures and using them as inspiration for our own designs. The learning from this topic will also support our DT topic below. We will also be learning how to construct giant wire jewellery.

Design Technology:

In design technology, students will be learning about the origins of chocolate in South America. Children will be working on an exciting project to design and make their own chocolate.

French:

In French, students will study a unit of work called 'Around the Town'. They will learn about vocabulary to name places, roads and other elements found where they live.

For the second part of term, they will be moving on to 'On the Move' where they will learn about traditional festivals.

R.E:

Why did the Chief Rabbi say- "Religion is about the why of creation, science is about the how."? A look at Judaism and Humanism. The children will be exploring the religions of Judaism and Humanism as they try to unpick the answer to their question for learning.

After half term we will move on to learning about how the teachings of Guru Nanak influenced the teachings of Guru Gobind Singh.

Music:

This term the children will take part in African Drumming taught by specialist teachers. The children will explore and be taught how to play different musical instruments from Ghana as well learning Ghanaian songs and dances resulting in a performance to parents at the end of the term.