

Spring Term 2

Year 5 2021/22

English

Emperor Penguins- Non Chronological Report
Poetry- The Highway Man



Computing

Data handling- Mars Rover

In this unit, we will learn about the automated motor vehicle, Mars Rover, exploring how and why it transfers data, understanding how messages can be sent using binary code and experiencing how to programme, calculate binary addition and represent binary as text.

Art

Architecture: Formal elements of design
Children learn how to draw from observation, create a print and draw from different perspectives. They learn about the role of an architect and are challenged to consider why houses look the way they do and if there is scope to change and improve them.



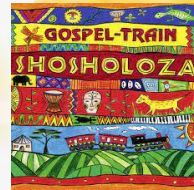
percentage	fraction	decimal
30%	$\frac{3}{10}$	0.3
to go from a fraction to a percentage we can convert to a decimal first		
$\frac{3}{5}$	→ 0.6	→ 60%

Maths

Decimals
Percentages
Arithmetic- BODMAS
Regular retrieval of formal written methods, number and place value and the 4 operations.

Music

Children learn 'Shosholoza', a traditional South African song, play the accompanying chords using tuned percussion and learn to play the djembe. They will also learn a traditional West African drum and add some dance moves ready to perform the song in its entirety



Geography

We will be building upon our prior learning in term 2 on mountain regions with a specific focus this term on key physical and human characteristics of regions. We will be deepening our understanding of the Alpines in respect of their physical features and the human impact upon the region with tourist activity. Map work will include physical and digital



Science

Chemistry- properties and changes of materials

We will build upon our term 1 study of exploring materials, to consider how materials can be changed and adapted. This is presented in various ways, such as chemical and physical changes. We will discover more about the molecular structure of materials, in simple terms, and gain an understanding of changes that are reversible and irreversible.

PSHE

Healthy Me

PE

Netball
Tennis

RE

Incarnation

Building upon our study of salvation we will be answering the big question: How do people express their ideas of God?



French

Seasons
Weather
Adjectives as antonyms