

MATHS

Children will learn:

- A robust understanding of place value up to 10,000
- Round to the nearest 10, 100 and 1000
- How to partition numbers
- How to compare using the < and > symbols
- To order numbers
- About negative numbers
- Roman numerals
- Different mental and written methods for addition and subtraction.
- About Kilometres and equivalent lengths for metres and centimetres
- To measure perimeters of rectangles and rectilinear shapes
- To multiply and divide by 10 and 100 using place value
- Multiplication and division facts, especially for the 3, 6, 9 and 7 times table



YEAR 4

AUTUMN TERM

READING AND WRITING

In grammar lessons the children will learn about:

- Prepositions
- Conjunctions
- Fronted adverbials
- Pronouns
- Standard English



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

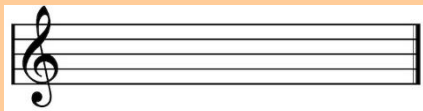
- A non-chronological report
- A persuasive letter
- Narratives
- Diary Entries
- Poetry



MUSIC

Children will learn:

- To develop their vocal techniques
- To control signing in rounds and performing musical loops
- To develop an understanding of musical notation
- To read, play and compose short musical motifs



SPANISH

Children will learn:

- Greetings
- Numbers and ages



COMPUTING

Children will learn:

- E-safety
- To recap the features of Google Classroom
- What blogging is and the features of blogging
- How to use digital cameras for photography

GEOGRAPHY AND HISTORY

In Geography children will learn:

- The features and processes of a river system
- Changes that occur in rivers as it flows
- The causes and impact of flooding
- To locate some UK rivers
- To locate some the world's largest rivers



In History children will learn:

- How the river Nile was important to Egyptians
- How kingdoms of Egypt changed over time
- About the discovery of the Tomb of Tutankhamen
- How the Rosetta Stone helps us understand Ancient Egyptian writing
- About Ancient Egyptians beliefs about death
- How things changed and stayed the same across 3000 years



SCIENCE

Working scientifically



Children will learn:

- To use equipment to measure decibels
- To make careful observations to help them to answer a question
- To find patterns when investigating
- To set up simple practical enquiries, comparative and fair tests
- To take accurate measurements
- To record findings
- To draw simple conclusions

Sound:

Children will learn:

- How sounds are made and how we hear them
- About pitch and how it can be changed
- About volume
- About soundproofing



Electricity

- How an electrical circuit works
- To identify if a bulb will light or not
- About switches
- About electrical conductors and insulators

PSHE

Children will be following the Jigsaw programme and learn:

- How to be part of the class team
- About the school community and everyone's roles
- About democracy in school
- How their actions affect themselves and others
- About bullying and being a witness to it
- To identify what is special about them
- About first impressions and how they can change



PE

Children will learn:

Football

- To develop collaboration and communication
- To move and use actions with co-ordination and control
- To move and find space when not in possession in a game

Fitness

- To explain some important safety principles when preparing for exercise
- To choose appropriate warm ups and cool downs

Gymnastics

- To begin to recognise similarities and differences in movements and expressions
- To explore a variety of movements to fit a theme
- To work with a partner to create, repeat and improve a sequence with at least 3 phrases.



Dance

- To use dance to communicate an idea
- To begin to show control, making sure dance movements are clear and fluent
- To confidently communicate and collaborate with others about my ideas.

RE

Children will be learning about:

World Views

- Views on the world
- The Golden Rule
- Repairing the world

Christianity

- Pentecost
- Religious art
- The Holy Spirit
- Prayer

ART and DESIGN and TECHNOLOGY

In art the children will focus on painting and learn:

- How to apply complementary colour theory
- To create mood
- To create realistic colours
- To use different brushes to create highlights and fine lines

In Design and Technology children will learn:

- To investigate a range of switches and torches
- To make a simple electrical circuit
- Design, make and evaluate a small torch

