

MATHS

The Environment YEAR 6 SPRING

Children will learn:

- To read, write and compare numbers with 3 decimal places
- About thousandths
- To multiply and divide by 10, 100 and 1000
- To multiply and divide decimals by integers
- How to convert between decimals and fractions
- How to convert between percentages and fractions
- Equivalent fractions, decimals and percentages and ordering them
- How to calculate a percentage of an amount
- How to find a rule using algebra
- How to form expressions and equations
- How to solve 1 and 2 step equations
- How to convert and calculate with metric measurements
- Imperial measures
- How to calculate area of a triangle
- How to calculate area of a parallelogram
- About volume and how to calculate volume of a cuboid
- About ratio and scale factors
- How to read, interpret and draw line graphs
- How to read, interpret and draw pie charts
- About the mean

ART and DESIGN and TECHNOLOGY

In art the children will learn:

- To use sketchbooks to make observations and review their art work
- About pointillism

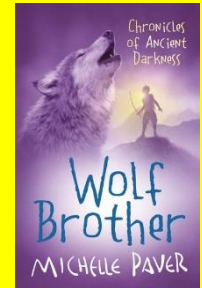
In Design and Technology children will learn:

- To create designs based on criteria
- To select materials according to function
- To evaluate their designs

READING AND WRITING

Children will continue to use VIPERS in Guided Reading sessions

The class book they will be reading is: Wolf Brother



In grammar lessons the children will learn about:

- Direct and indirect speech
- Figurative language
- Sentence structure
- Complex sentences
- Active and passive voice

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

- Narratives
- Reports
- Poems
- Balanced Arguments
- Letters

MUSIC

Children will learn:

- To appreciate the music of another culture
- Musical vocabulary
- About different timbres
- About different sounds on instruments
- To practice and refine a piece of music

COMPUTING

Children will learn:

- How to code
- How to use algorithms
- How to change variables
- How to create and debug a web page

THE ENVIRONMENT

YEAR 6 SPRING

SCIENCE

Working scientifically

Children will learn:

- To identify scientific evidence that has been used to support or refute arguments

Animals including humans:

Children will learn:

- The main parts of the human circulatory system
- About the impact of diet, exercise and drugs on their bodies
- To describe how nutrients and water are transported within animals

SPANISH

Children will learn:

- To say and respond to 'How are you?'
- Colours
- Numbers to 10

PE

Children take part in and learn:

BASKETBALL:

- To dribble with accuracy
- Passing skills
- Shooting skills
- How to apply their skills to a game

FITNESS:

- To use the correct technique in different circuit exercises
- About the core muscles of the body and their importance
- To understand the importance of cardiovascular training

GEOGRAPHY AND HISTORY

In geography children will learn:

- About local tourist attractions
- About the features of tourist cities
- Compare different tourist cities
- Settlements
- About potential threats to our planet including pollution
- Recycling



In history the children will learn:

- Research skills
- About Native Americans

RE

Children will be learning about:

Buddhism

- Karma
- The Wesak festival
- Shrines
- The Three Jewels
- The Eightfold Path
- The Five Precepts



Christianity

- The Easter Story
- Jesus's death

PSHE

Children will be following the Jigsaw programme and learn:

- Their learning strengths and setting challenging yet realistic goals
- About problems in the world that concern them
- To work with other people to help make the world a better place
- To accept praise from others
- About the impact of food on the body
- About different types of drugs and their uses and effects
- To evaluate when alcohol is being used responsibly, anti-socially or being misused
- Basic emergency aid procedures
- About being emotionally well
- To recognise when they feel stressed and the triggers

