



**REACH** for the stars

## Autumn Term Curriculum Overview - Year 5

### English

We follow the Read to Write Scheme which is a text-based approach to develop writing. These are the books we will be covering this term.

#### **Farther**

Narrative: Setting Narrative

Purpose: To write a setting description.

Recount: Letter

Purpose: To write about something that happened, formally

#### **The Hound of the Baskervilles**

Narrative: Cliff Hanger Narrative

Purpose: To tell a story  
Inform: Formal Event Report

### Science

#### **PROPERTIES AND CHANGES OF MATERIALS**

Pupils will gain an understanding of what makes materials different and how they can be changed. They will investigate solids, liquids and gases, what changes stay the same and which can be changed back (reversible).

#### **FORCES IN ACTION**

Pupils will gain an understanding of why unsupported objects fall to Earth. They will learn about gravity, the effects of air resistance and friction and recognize that some mechanisms allow a smaller force to have a greater effect.

### Personal, Social, Health and Economical Education

#### **FAMILIES AND FRIENDSHIPS**

Managing friendships and peer influence

#### **SAFE RELATIONSHIPS**

Physical contact and feeling safe

#### **RESPECTING OURSELVES AND OTHERS**

Responding respectfully to a wide range of people; recognising prejudice and discrimination

### Mathematics

#### **Number - place value**

Pupils will read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit. They will count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000, interpret negative numbers in context, round any number up to 1 000 000. They will solve number problems and practical problems.

Pupils will gain an understanding of how to read Roman numerals to 1000 (M) and recognise years written in Roman numerals.

#### **Number- Addition & subtraction**

Pupils will add and subtract whole numbers with more than 4 digits, they will add and subtract numbers mentally with increasingly large numbers. Pupils will use rounding to check answers to calculations and solve addition and subtraction multi-step problems in contexts.

#### **Statistics**

Pupils will solve comparison, sum and difference problems using information presented in a line graph and complete, read and interpret information in tables, including timetables.

#### **Number- Multiplication & division**

Pupils will identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers. They will know and use the vocabulary of prime numbers, prime factors and composite (nonprime) numbers. They will establish whether a number up to 100 is prime and recall



## History

### THE ACHIEVEMENTS OF EARLY CIVILIZATIONS

#### **Ancient Egypt**

Pupils will gain an understanding of Ancient Egypt. They will know about Egyptian boats and their links as good traders – Hatshepsut's mission to Punt. Gift of the Nile: the Egyptian agricultural calendar and how the Egyptians used the River Nile for irrigation purposes and other uses. They will learn about the pyramids as a source of evidence to draw conclusions about the beliefs and achievements of the Ancient Egyptians.

## Computing

### COMPUTING SYSTEMS - Sharing Information

Pupils will develop a deeper understanding of the opportunities computer systems, including the internet, offer for communication and collaboration.

### ESAFETY - True or False

Pupils will develop a further understanding of how to use technology safely and a range of ways to report concerns about content and contact.

## Music

### HANDSIGNS - Kodaly method

Pupils will be looking at all the hand signs in the scale from Do-Do' using songs to embed and practise these

### SINGING – mash ups

Pupils will use their voices expressively and creatively by singing songs and speaking chants and rhymes.

## Geography

### Mountains

Pupils will gain an understanding of human geography, land use, trade and natural resources associated with mountains. They will identify and learn about the importance of the largest mountains in the world. They will use atlases to locate these.

## Religious Education

### BELIEVING

#### **Why do some people believe God exists?**

Pupils will explore Christian understanding of what God is like, using examples and evidence

#### **What would Jesus do?**

Pupils will explore Jesus' teaching on how his followers should live.

## Art and design

### PAINTING / PRINTING

#### **Emoji prints- Romero Britto**

Pupils will further improve their mastery of painting and printing.

They will use sketch books to record observations and review and revisit ideas. They will study the artist Romera Britto.

## MODERN FOREIGN LANGUAGES – Spanish

Pupils will gain the ability to ask, answer and write questions about time and clothing. They will recall colours and colour adjectives.

## Physical Education

### DANCE

Pupils gain an understanding of how to perform dance using a range of movement patterns. Evaluate their own performance and comment on improvements. Explore ideas for different dance styles.

### SWIMMING

Pupils will further develop the ability to swim confidently over a distance of at least 25 metres. They will use a range of strokes.

## Design and technology

### TEXTILES- Create a stuffed toy using a range of stitches.

Pupils will research stuffed toys, practise a range of sewing stitches and design and make their own soft toy.

