

## **Maths**

### **Place Value**

- Ordering, comparing and reading numbers up to 10million
- Rounding numbers to the nearest 10,100 and 1,000
- Counting backwards and forwards for negative numbers

### **Addition, subtraction, multiplication and division**

- adding and subtracting numbers with more than 4 digits
- understanding and using inverse operations
- multiplying and dividing up to 4 digits by 2 digits
- order of operations
- knowing prime, square, factors and multiples

### **Fractions**

- finding their equivalent and simplifying
- fractions on a number line and ordering
- adding and subtracting fractions
- fraction of amounts
- multiplying and dividing fractions by numbers and fractions
- mixed numbers and improper fractions

### **Geometry**

- using all four quadrants
- reflection
- translation

## **Music**

- Play and perform in solo and ensemble contexts, using their voices and playing musical instruments with increasing accuracy, fluency, control and expression

## **Topic (Geography)**

- Mayan civilisation
- Inca civilisation
- Aztec civilisation
- Longitude and latitude using an atlas
- Looking at the food, animals, climate and crops grown

## **English**

Narrative book: Holes by Louis Sachar

For persuasive writing: The Vanishing Rainforest by Richard Platt

Poetry book: Poetry for Young People by Maya Angelou

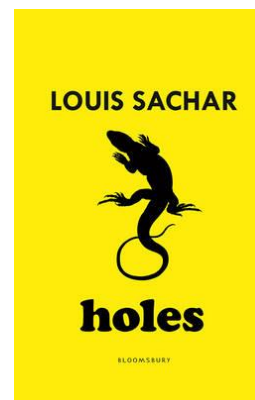
There will also be a range of books, videos and pictures to aid our English writing.

### **Types of writing that will be focused on:**

- Narrative writing
- Information text
- Poetry
- Persuasive writing

### **Grammar:**

- fronted adverbials
- Expanded noun phrases
- Modal verbs
- Parenthesis
- paragraphs



## **Big Question: Where am I?**

**Where are we going? What has God given us?**

**FOCUS: North and South America**

## **Science**

### **Living things and their habitats**

- describe how living things are classified into broad groups according to common observable characteristics and based on similarities and differences, including micro-organisms, plants and animals
- give reasons for classifying plants and animals based on specific characteristics

### **Electricity**

- associate the brightness of a lamp or the volume of a buzzer with the number and voltage of cells used in the circuit
- compare and give reasons for variations in how components function, including the brightness of bulbs, the loudness of buzzers and the on/off position of switches
- use recognised symbols when representing a simple circuit in a diagram

## **Art**

- Learning about great artists, architects and designers in history

## **D.T**

- Make a Mayan headdress based on each child's nahual (spirit animal)
- Make a Mexican inspired mask for day of the dead
- Make some classical Mayan dishes (guacamole, corn tortillas)

## **Computing**

- Keeping ourselves safe online
- Knowing the SMART rules for being online
- Using PowerPoint to present our understanding on keeping safe online

## **RE**

### **Learning and Growing as the People of God**

- Unit A - The Story of the People of God (Old Testament focus)
- Unit B - Followers Of Christ
- Unit E - Baptism and Confirmation Celebrations
- Unit C - Advent

## **Real P.E**

Focusing on:  
Coordination (balls skills)  
Agility (reaction and response)  
Static balance (floor work and seated balances)

<b>TOPIC</b>	<b>SCIENCE</b>																																
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<p>Star Questions- these are key things to think about.</p>																																	
<p>* How many countries make up south and north America and what are their names?</p> <p>**Can you name any of the unusual foods that the Aztecs ate?</p> <p>*** What was life like in ancient Mayan times?</p> <p>**** The Aztecs where one of the first civilisations to make school mandatory. Can you find out what they were taught?</p> <p>***** Find out about the Mayans system for writing. Could you use these symbols to create your own system?</p>	<p>* Who was Carl Linnaeus?</p> <p>** Can you explain how light travels and draw a diagram showing this?</p> <p>*** How have animals adapted to their environment. Can you choose one animal to show how this happens.</p> <p>**** Can you find out why we have classification tables and why they are beneficial to us?</p> <p>***** Research a famous inventor who was involved with electricity and present this with as much key information as possible.</p>																																

The questions are of increasing difficulty, encouraging pupils to be 'ambitious for the higher gifts'. The four and five star questions are designed to be opened ended and rely on higher order thinking. Perhaps these questions could form the basis of discussions at home, as well revisiting key knowledge in the first three star questions.