

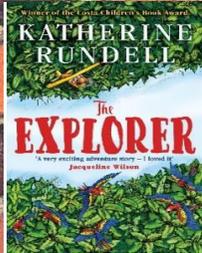
# Year 5 Spring Term Two



## English

Our main focus for writing will be the book *Curiosity: The Story of a Mars Rover* by Markus Motum. The children will discover the incredible story of the search for life on Mars, told from the unique perspective of NASA's Curiosity, the Mars Rover sent to explore the red planet. Motum's stylish illustrations and diagrams reveal how a robot travelled 350,000,000 miles to explore a planet where no human has ever been. Drawing inspiration from this text, writing outcomes will include an informative newspaper article and an entertaining description of life on a planet, inspired by H.G. Wells. The pupils will also explore the life and work of Katherine Johnson for their own information text.

We are reading...



## Homework:

Reading: Daily  
TT Rockstars: Daily  
Spelling Shed: Daily

Monday: Maths  
Tuesday: Spelling  
Wednesday: Reading  
Comprehension  
Thursday: Grammar

## Maths

### Area and Scaling

Concluding this unit, pupils will use their knowledge of area to solve problems. For mass, capacity and time, they will compare and describe measurements by using their knowledge of multiplication and division.

### Calculating with Decimal Fractions

Pupils will focus on building fluency with decimal place value and applying the four operations to non-whole numbers, with both the same and different numbers of decimal places.

**CLIC:** Counting, Learn-its, It's Nothing New, Calculation (daily maths skills)

## Geography

### South America and Sustainability

We will explore the questions;  
What is sustainability?  
Are fossil fuels sustainable?  
What are renewable sources of energy?  
How does the geography of Curitiba compare with Oxford?  
What can we learn from Curitiba?

**Catholic Social Teaching Question -If one part suffers, every part suffers 1 Corinthians 12:26 What does this mean and how does this link to sustainability? Solidarity and the Common Good**

## R.E

### Unit 5G: Lent

Children consider the concept of 'temptation' as they study the temptations of Jesus. They will reflect on what nurtures and damages human relationships. They will study some important texts from the New Testament about Christian living and will learn about the Sacrament of Reconciliation as a Sacrament of Healing and God's forgiveness.

### Unit 5H: Holy Week

Pupils will gain a greater knowledge and understanding of the last week of Jesus' life and how the Church celebrates this week through liturgy and prayer.



## Science

### Space

Children will learn about the eight planets in the Solar System and their features, then learn about the movement of Earth (including the concept of night and day) and the other planets. They will explore how ideas about the Solar System have changed over time. With a sustainability focus, children will explore global warming and its impact on the earth.

### Working scientifically

Children will identify scientific evidence that has been used to support or refute ideas or arguments. They will use relevant scientific language and illustrations to discuss, communicate and justify their scientific ideas and talk about how scientific ideas have developed over time. The term will also include participation in Mars Day and investigative work for British Science Week.

## DT

### Easter Baking

We will investigate traditional Easter cooking and look at the symbolism of different Easter foods. We will then design a new Easter product after testing foods already on the market. After making and tasting our foods, we will evaluate and think of packaging and advertising to use for our items. We will learn a range of DT skills such as; mixing, folding, chopping, spreading and grating.

## Music

Mr Probert will continue to help develop pupil's brass skills. They will learn to play a new range of songs and increase their knowledge of notes and terminology.

## French

### The Weather

Pupils will gain the knowledge and skills to describe the weather and present a weather forecast in French. They will recognise and recall the conjunctions 'et' (and) and 'mais' (but). We will recap numbers and months.

## PE

### **PE days: Monday and Thursday**

**Tennis:** Pupils work co-operatively and independently, lead and officiate showing honesty and fair play whilst abiding by the rules. Pupils develop their tactical awareness, learning how to outwit an opponent.

**Gymnastics:** Children develop balancing, rolling, jumping and inverted movements. They explore partner relationships such as matching and mirroring. Pupils are given opportunities to receive and give feedback to make improvements and develop their performance skills.

## Computing

### **Data & Information – Flat file Databases**

We will continue or work on looking at how a flat-file database can be used to organise data in records. The children will use tools within a database to order and answer questions about data. They will create graphs and charts from their data to help solve problems. They will also use a real-life database to answer a question, and present their work to others.

## RHE

We will be learning about and focusing on the British value of Tolerance of those with different faiths and beliefs throughout the term.

### **Ten Ten:**

**Giving Assistance-** The animated Dr Data, features in this session to equip children with some basic First Aid knowledge, including the recovery position and the DR ABC primary survey. This involves a roleplay activity so children can practise DR ABC

**Types of Abuse-** This session considers what physical contact is appropriate and inappropriate. Children will be introduced to the concept of rights, and how abuse violates their rights. They will be asked to think of trusted adults that they can talk to about any issues they may face.