

# Spring Two Term Year 5



## 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.

*Silver* by Walter De La Mare will be our poetry focus for analysis and performance.

We are reading...



## Homework:

Reading: Daily  
TT Rockstars: Daily (5-10 mins daily)  
Spelling Shed: Daily (15+ games weekly)  
Monday: Reading Comprehension  
Tuesday: Maths  
Wednesday: Spelling  
Thursday: Grammar

## Maths

**Decimals and Percentages:** Equivalent fractions and decimals. Thousandths. Order and compare decimals. Rounding. Percentages as fractions/decimals.

**Perimeter and Area:** Perimeter of rectangles, rectilinear shapes and polygons. Area of rectangles and compound shapes. Estimate area.

**Statistics:** Draw, read and interpret line graphs. Read and interpret tables and timetables

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

## Geography

### Sustainability

**BIG QUESTION- Humans cannot live sustainably – do you agree?**

We will continue learning about South America and the impact humans have had on it. We will be exploring the use of fossil fuels and what we can use that can be sustainable.

**Key questions:** What is sustainability? Are fossil fuels sustainable? What are renewable sources of energy? What can we learn from Curitiba? What can we learn from Freiburg?

## 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

In this unit pupils will describe the movement of Earth, and other planets, relative to the Sun in our Solar System. They will describe the movement of the Moon relative to Earth and describe the Sun, Earth and the Moon as approximately spherical bodies. Pupils will use the idea of Earth's rotation to explain day and night and the apparent movement of the Sun across the sky. They will also have the opportunity to find out about how ideas about the solar system have developed and changed over time.

Working Scientifically, children will have the opportunity to plan an enquiry using a shadow stick and look at changes over time. They will take accurate measurements of the shadows formed, decide how to record them and present their findings. They will also identify scientific evidence that has been used to support or refute changing ideas about the Solar System.

## 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

This year the children have been introduced to playing a brass instrument in music lessons led by Mr Probert from the Oxfordshire Education Music Service. Continue to develop understanding and confidence using Charanga songs; increasing their knowledge of musical vocabulary

### Spanish

We will be consolidating and building confidence with the phrase from last term; How does the environment shape who I am?

We will recap key vocabulary, learn phrases about places of interest and describe items using adjectives such as colour and size.

## PE

### **PE days: Wednesday and Thursday**

Pupils develop their understanding of the principles of net and wall games. In all games activities, pupils have to think about how they use skills, strategies and tactics to outwit the opposition

**Tennis:** Pupils work co-operatively with others as well as 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.

**Badminton:** Children learn how placing an object away from an opponent makes it difficult for them to return. Pupils are given opportunities to work in collaboration with others, play fairly demonstrating an understanding of the rules, as well as being respectful of the people they play with/against.

## Computing

### **Data and information**

This unit looks at how a flat-file database can be used to organise data in records. We will use tools within a database to order and answer questions about data. Pupils 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. We will progress knowledge and understanding of why and how information might be stored in a database, and look at how tools within a database can help us to answer questions about our data. We will look at how a database can help us display data visually, and how real-life databases can be used to help us solve problems. Finally, we will create a presentation showing understanding and application of all the tools used within the unit.

## RHE

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

**HEALTHY ME (Physical Health & Fitness, Healthy Eating, Health Prevention & Basic First Aid)**

### **Ten Ten**

**Giving Assistance-** The animated Dr Datfa 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.