

*Vocabulary - please help your child learn to spell and understand these words.*

*Maths - place value, partition, digit, column addition, column subtraction, difference, sum*

*English - informal and formal writing, word class, brackets, relative clause, subordinate and main clauses, complex sentences, adverbials*

*Geography - poles, longitude, latitude, Tropic of Cancer, Tropic of Capricorn, Equator, hemisphere*

*Science - see Knowledge Organiser*

### **Science**

*Through our topic Destination: Outer Space, children will learn about our Earth, Sun and Moon, focusing on: their shape; why we have day and night; and the phases of our Moon.*

*To enhance this topic, we will be making links within English to learn more about our Solar System.*

### **Maths**

*We will be covering all four operations (addition, subtraction, multiplication and division), building towards understanding more formal methods. We will also learn about area and perimeter.*

### **English**

*Inspired by a short film, the children will write formal letters linked to anti-bullying week, with a focus on main, subordinate and relative clauses (to develop children's use of sentence structure), punctuation and openers for purpose. Also, the children will research and write Space-themed non-chronological reports, focussing on brackets and relative clauses.*

# Destination: Outer Space

### **Physical Education**

*We will be continuing developing our Athletics skills. Further into the term, our sports will be Hockey and Dance. In addition, we will be taking part in a whole school virtual football skills competition.*

### **Religious Education**

*The continued theme is 'Being Human', which explores how Hindus and Muslims reflect their faith in the way they live and how they treat others.*

### **Design Technology**

*We will be learning all about CAM mechanisms and be making our own space-themed toy using these mechanisms.*

### **Computing**

*Children will develop their understanding of coding and logical number sequences. We will continue to reinforce e-safety.*

## Autumn Term 2 Year 5

### **Geography**

*Children will continue to explore aspects of Earth including: the Poles; lines of longitude and latitude; the Tropics of Cancer and Capricorn; and the hemispheres.*

### **PSHE - Jigsaw**

*Children will work on the unit 'Celebrating Differences', which includes discussion about different cultures, racism, name calling and bullying and considering the question 'Does money matter?'*

### **Language/Cultural Capital**

*We will be continuing learning French and understand more about France.*