

### Reading

This term we will be reading a range of non-fiction texts and looking at info graphics linked to Space.  
We will also be reading Wonder by R.J Palacio

### Reading Outcome

To understand different viewpoints & how authors use language for effect on the reader  
Investigate texts from different cultures, considering relationships, social customs, beliefs and attitudes  
To read and understand technical language when researching in science

### Science Outcome

Understand the movement of Earth/planets, relative to the Sun in our Solar System  
Produce a planet fact file/model  
Be able to use the Earth's rotation to explain day and night, and the apparent movement of the Sun across the sky  
The difference between gravity on the Moon and Earth  
The tides on planet Earth

### Science

The relationship of the Sun, Earth and Moon  
Explanation for day /night  
Investigation of the position of the Sun during the day  
The moon's orbit  
The phases of the Moon and  
How the Sea affects the tides – Beach trip to investigate

### Computing

To use 'Scratch' programming software to design, write and debug a computer programme for times tables

### Computing Outcome

To design, program, test and improve an educational computer game.

## West Park CE Primary School Year 5 Autumn1st Half Term Plan 2019

### Writing

Improve explanatory writing in the science topic 'The Earth and Beyond' and use evidence to support the point being made.  
Research independently using more than one source  
Investigate and use commas in clauses including embedding clauses within sentences and use possessive apostrophes

### Writing Outcome

To use a range of connectives in explanatory writing  
To write a description and narrative based on viewpoint  
Create a range of complex sentences including embedded clauses and relative clauses  
Investigate space poetry and lyrics



## THE EARTH AND BEYOND



### French

To create simple sentences, use actions and gestures  
To read 2-3 sentences in French Explain key words

### French

Write short sentences about High Streets in France, substituting vocabulary in model sentences.

### P.E.

#### Indoor athletics

To understand how circuit training can benefit their health.  
Practice and improve their performance of these skills.

### P.E. Outcome

To improve personal scores on performance in indoor athletics

### Maths Outcome

**Number – place value** Read, write, order and compare numbers to at least 1000000 and determine the value of each digit.  
Count forwards or backwards in steps of powers of 10 for any given number up to 1000000.  
Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers including through zero.  
Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 and 100000  
Read Roman numerals to 1000 (M) and recognise years written in Roman numerals.  
**Number – Addition and Subtraction** - Add and subtract numbers mentally with increasingly large numbers.  
Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)  
Use rounding to check answers to calculations and determine, in the context of a problem, levels of accuracy.  
Solve addition and subtraction multi- step problems in contexts deciding which operations and methods to use and why.  
**Statistics** – Solve comparison, sum and difference problems using information presented in a line graph.  
Complete, read and interpret information in tables including timetables.

### Maths

Solve number problems and practical problems that involve all of the above.  
Complete a range of investigations linked to addition, subtraction, multiplication and division.  
Link graphs to other curriculum areas.

### R.E.

Our learning this half term is entitled  
'What Does It Mean  
If God Is  
Holy and Loving?'

### Art Outcomes

Investigate the pop art movement.  
Study the artists Andy Warhol and Roy Lichtenstein.

### R.E. Outcome

We will be identifying some different types of biblical texts, making connections with what Christians believe about God and thinking about the Christian teaching about God being holy and loving.

### Art Tasks

Create art in the style of Andy Warhol.