

### French

The children will develop their knowledge of French vocabulary and grammar through a variety of topics. They will build on their skills of listening to, reading and writing French and being able to use a variety of clues and strategies to understand and translate what is being said or read.

### Computing

The children will work on a block of computer coding using 'Purple Mash'. They will be discerning in evaluating digital content Use technology safely, respectfully and responsibly; recognise acceptable/unacceptable behaviour; identify a range of ways to report concerns.

### Physical Development

There will be 2 PE lessons a week - one taught by pro-coaching and focussing striking and fielding skills. There will also be a block of swimming for year 6 children.

### English

During the term, the children will apply their non-fiction skills to recording the events leading towards the Apollo Missions to the moon. Further factual writing will focus on the Earth and space. There will also be a focus on biography with regards to Neil Armstrong. A unit of narrative will be explored (from another culture) where the children will be expected to empathise with characters within the text and develop their creative writing to include setting and atmosphere. Guided reading sessions will build skills of inference and understanding the intentions of the writer when choosing words and phrases. Weekly grammar will be taught enabling the children to apply techniques in their written work.

### Activities

Using video and written sources from the late 1960's and 1970's children will begin to understand the achievements and the space race. The children will create a fact-file on one of the planets in the Solar System, researching via the internet and books. The file will be the basis for a holiday brochure. (Persuasive writing) The stimulus for narrative will be 'The Princess' Blankets'. Children will be taken on an imaginary journey and will familiarise themselves with different story types. Develop knowledge of year 5 and 6 grammar terms and apply these to their writing.

### Mathematics

Geometric Reasoning - Pupils can use their understanding of properties of shapes, area and volume to solve problems. Additive Reasoning - Pupils can solve calculation problems in different contexts, appropriately choosing and using operations, number facts. Number Sense - Pupils can represent and explain the relationship between decimals, fractions and percentages and how decimals and fractions fit into the number system. They use this understanding to solve problems. Multiplicative Reasoning - Pupils can solve calculation problems in different contexts, including those involving ratio and proportion,

### Activities

Add and subtract fractions with different denominators and mixed numbers, using the concept of equivalent fractions. Express missing number problems algebraically find pairs of numbers that satisfy an equation with two unknowns. Interpret and construct pie charts and line graphs and use these to solve problems. Multiply simple pairs of proper fractions, writing the answer in its simplest form, for example,  $\frac{1}{4} \times \frac{1}{2} = \frac{1}{8}$  Divide proper fractions by whole numbers for example,  $\frac{1}{3} \div 2 = \frac{1}{6}$  Solve problems involving similar shapes where the scale factor is known or can be found.

### R.E

Children will be revisiting) some of the key features of religion (special people, places, stories, rules and values) as well as key values in religion They will be exploring what really matters to them in terms of values, relationships and emotions.

### Design Technology

The children will be making different types of mechanisms. The children will then, over the next few weeks, develop and evaluate their creations. There will be opportunities for both English and Mathematics via measuring and recording.

### Science

Light  
Phases of the moon  
Seasons  
The solar system

### Geography

Arctic and Antarctic time zones, night and day.

### Art and Music

Make you feel my love Pop Ballads  
Reflect, rewind, and replay.

Contemporary issue based art. Graffiti art  
Banksy etc. poster art.

### Activities

**Art:**  
Using newsprint as a medium. Roger Manas newspaper yarn.

**Music:**  
Western Classical  
Link : what matters to me in song

### Activities

Understand the need for fair testing and reproducibility.  
Make accurate measurements and record findings.  
Know that light travels in straight lines.  
Know that light enters our eyes in order to be able to see objects.  
Describe the movement of the Earth, and other planets, relative to the Sun in the solar system.  
Use the idea of the Earth's rotation to explain day and night and the apparent movement of the sun across the sky.  
Describe the movement of the Moon relative to the Earth.

### Activities

The children will discover why the sun does not set.  
Using the internet, the children will research and write a post card from the edge of the world and investigate the phenomena of the Aurora Borealis and Aurora Australis.