



# Year 5 Curriculum Newsletter

## Term 3 and 4



The core areas of learning for this term are:

### **Mental Maths / Calculating:**

Partition, read, round and order numbers with up to 3d.p.  
Read numbers with up to 9 digits.  
Recognise the value of each digit.  
Order and round numbers with decimal places.  
Order and round 8 digit numbers to the nearest power of 10.  
Count forwards and backwards in powers of 10.  
Continue to recite all times tables facts.  
Count back into negative numbers.  
Read a mark between two known amounts (including on graphs, charts and measuring cylinders)  
Count forwards and backwards in 0.1, 1,10,100,0.2, 2, 20, 200, 0.5, 5, 50 ,500, 2.5, 25,250.  
Understand prime numbers and find prime numbers up to 100.  
Multiply and divide whole numbers and decimals by 10, 100 & 1000.  
Divide a 3 digit number by a 1 digit number mentally with jottings.  
Column addition with whole numbers up to 5 digit.  
Column subtraction with whole numbers up to 5 digit.  
Column multiplication with 1 digit or 2 digit numbers multiplied by numbers with up to 4 digits.  
Column division with a 4 digit number divided by a 1 digit number.

### **Main Maths:**

#### **Place value**

Understanding percentages.  
Exploring multiples, factors, primes squared and cubed numbers.  
Convert between fractions, decimals and percentages.  
Recognising units of measure and making comparisons between them.  
Calculate areas and perimeter – squares / rectangles.  
Solving problems with times.  
Coordinates.  
Estimating, recognising and measuring angles.

### **Science:**

#### **Earth, Sun and Moon**

Research their shape and movements.

#### **Life Processes**

Comparing the life cycles of animal, insect, amphibians and birds.

### **Literacy – Writing:**

Non-chronological report- Our own invented creatures.  
Play scripts- A scene from *Holes*.  
Poetry.  
Character, setting and atmosphere descriptions- *Holes*  
Narrative- 1<sup>st</sup> person as Stanley Yelnats. Using dialogue to advance the action.  
Balanced argument- Should Stanley Yelnats have been sent to Camp Green Lake?

### **Literacy - Grammar and Punctuation:**

Non-fiction structural devices (headings, subheadings etc.)  
Clarity of explanations (non-fiction).  
Tenses.  
Verb forms.  
Punctuation for parenthesis.  
Sentence types.  
Paragraph cohesion.

### **Literacy – Spelling:**

**Term 3 - Suffixes:** for words ending 'fer'

- **Hyphens**
- **Homophones**

**Word list:** guarantee, harass, hindrance, accommodate, accompany, according, achieve, aggressive, amateur, ancient, apparent, appreciate, attached, available, average, awkward, bargain, bruise, category, cemetery, committee, communicate, community

**Term 4 – Words containing 'ough'**

- **Homophones**

**Word list:** competition, conscience, conscious, controversy, convenience, correspond, criticise, curiosity, definite, desperate, determined, develop, dictionary, disastrous, embarrass, environment, equipped, equipment, especially, exaggerate, excellent, existence, explanation, familiar

### **Literacy- Reading - VIPERS:**

V- Vocabulary- Finding the meaning of words.  
I-Infer- Making inferences using clues from the text  
P- Predict- Using the text to make plausible predictions.  
E- Explain- Explain how content contributes to the meaning as a whole.  
R- Retrieve- Finding key information from the text.  
S- Summarise- Summarise the main ideas.

**History:**

Ancient Greeks influence and impact.  
Ancient Greeks myths and legends.  
Ancient Greeks clues from the past.

**Music:**

Performing a song.  
Playing by ear.  
Using musical notation.  
Performing expressively.

**DT:**

Design and make a product-  
*An environmentally- friendly bag made from old clothing.*

**Geography:**

Explore the key features of maps at different scales.  
Read and interpret co-ordinates.  
Ocean currents and their impact on the World.

**PE:****Gymnastics skills**

Balancing.  
Travelling.

**Netball**

Passing.  
Shooting.  
Team Games.

**RE:**

Hinduism

Key Hindu beliefs:

The Trimurti

Samsara and Moksha

Karma

Rama and Sita- looking at how their story relates to Dharma

Ethical choices in Hinduism

Satsang and yoga

**French:**

Speak, listen, read and translate

- My School.

**Art:**

Creating a replica Greek vase.

**PSHE:**

Dealing with feelings and emotions.  
Keeping safe.

**Computing – Information Technology:**

Using spreadsheets –Excel.

Creating a presentation using Powerpoint.