

## **MATHS**

### **Number and Place Value**

Read, write, order and compare numbers with up to three decimal places

Round decimal numbers to 1 or 2 decimal places

Interpret negative numbers in context, count forwards and backwards with positive and negative whole numbers through zero e.g. count back in threes: 8, 5, 2, -1, -4, -7...

Solve number problems involving number, place value and rounding

Recognise and describe linear number sequences, including those involving fractions and decimals, and find the term-to-term rule e.g. find the rule and complete the sequence: \_\_, 16, 8, 4, \_\_, 1, 0.5, \_\_ (rule is: halve previous number)

### **Addition and Subtraction**

Add and subtract whole numbers up to or with more than 4 digits, including using formal written methods (columnar addition and subtraction)

Solve addition and subtraction two-step problems in contexts

### **Multiplication and division**

Factors / prime numbers

Multiplying together three numbers

Multiply two-digit and three-digit numbers by a one-digit number using formal written layout or 4 by 2 (ladder)

Square numbers

Use the formal written method for short division with exact answers when dividing by a one-digit number and interpret remainders appropriately for the context

### **Fractions (including decimals)**

Find equivalent fractions and fractions of amounts

Recognise mixed numbers and improper fractions and convert from one form to the other

Read and write decimal numbers as fractions

Add and subtract fractions

Recognise the per cent symbol (%) and understand that per cent relates to "number of parts per hundred"

Solve problems which require knowing percentage and decimal equivalents of  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{5}$ ,  $\frac{2}{5}$ ,  $\frac{4}{5}$  and those with a denominator of a multiple of 10 or 25.e.g.  $\frac{12}{20} = \frac{60}{100} = 0.6 = 60\%$

Find % of amounts

### **Geometry**

Properties of 2D shapes

Naming angles

Angles around a point / whole half turn

## **SCIENCE**

### **Sound**

The rock stars of the world need your help!

They want their children to come to their concerts and rock-out, but they want to protect their precious ears! Find out all you can about sound; how it travels, pitch and volume. Then investigate materials to see which will provide the best insulation against sound. Be ready to present your ideas to a famous panel.

### **Animals including humans**

#### **Excuse me, are these your teeth?**

Excuse me, are these your teeth? Who did this poo? Am I a predator? Find the answers to these and other peculiar questions about digestion and food chains.

## **WHAT ARE WE LEARNING IN TERMS 3 & 4 in Pine Martens**



## **ICT**

### **E-safety:**

What is meant by private information and how to keep this safe online.

Cyber bullying

### **Programming**

SCRATCH – Developing Games

Maze Unit link Hampton Court

## **RE**

Prayer and Worship

What is the best way for a Hindu to show commitment to God?

## **PSHE**

Jealousy: The Green-Eyed Monster.

The Two Brothers.

Discussion Scenarios: Dizzy Dilemmas

## **ENGLISH**

### **Fiction**

Poetry – The Dreadful Menace

Fiction – Warning Stories

### **Non-Fiction**

Recounts

### **Grammar**

Determiners, clauses, conjunctions, adverbs, prepositions, tenses, parenthesis, speech, expanded noun phrases.

### **Spellings**

Yr4: Adding the suffix -ly, -ion, -cian and ous; 'sh' sounds spelt 'ch'; 'ee' sounds spelt with 'i'; 'au' digraph.

Yr5: able and -ible; -ably and -ibly; challenge words; adverbs of time; suffixes to words ending -fer; silent letters; 'ie' after c; 'ei' after c; 'ough' when sound is /aw/

## **ART and DESIGN**

Portraits of Henry V 111

Guiseppi Arcimboldo

## **TOPIC**

Key events of Tudor Times

Famous people: Henry VIII

Life in the Tudor Times – comparison between rich and poor

Tudor Exploration – Walter Raleigh and Christopher Columbus

## **FRENCH**

Bon Appetit

## **PE**

Real PE: units that focus on cognitive skills

Games: Netball

Real Gym

## **MUSIC**

The Tudors: The Pavan. Pupils identify its characteristic musical features and rhythms before attempting to dance the Pavan and performing and composing their own modal Pavan melodies