

## Numeracy

Pupils read, write, order and compare numbers to a million, and understand the place value of each digit Count up and down in steps of 100,1000, or 10,000.

Read Roman numbers to 1000 (M) and recognise years written in Roman numerals. .

Order set of positive and negative integers through 0.

Solve number problems that involve numbers up to 1,000,000.

Add and subtract whole numbers with more than 4 digits using formal written methods.

Solve addition and subtraction multi-step problems deciding which operations and methods are appropriate.

Identify multiples and factors (including all factor pairs of a number and common factors) of 2 numbers.

Solve problems involving multiplication and division where larger numbers are used.

Know and understand prime numbers, prime factors and composite numbers; recall prime numbers up to 19.

Multiply numbers up to 4 digit by a 1 or 2 digit number using a formal written method including long multiplication for 2 digit numbers.

Divide numbers up to 4 digits by a 1 digit number using the short written method.

Multiply and divide whole numbers and decimals by 10, 100, 1000.

Solve problems involving addition, subtraction, multiplication, division and a combination of these operations understand the meaning of the equals sign .

Compare and order fractions whose denominator are all multiples of the same number.

## Numeracy

Identify, name and write equivalent fractions.

Recognise mixed numbers and improper fractions and convert from one to the other. Multiply proper fractions with those with the same denominator.

Read and write decimal numbers as fractions.

Round decimals with 2 places to the nearest whole number and to 1 decimal place.

Read, write and compare numbers with up to 3 decimal places. Solve problems involving numbers with up to 3 decimal places.

Recognise the % sign , write % as a fraction and as a decimal fraction.

Solve problems using knowledge of % and decimal equivalents of  $\frac{1}{2}$ ,  $\frac{1}{4}$ ,  $\frac{1}{5}$ ,  $\frac{2}{5}$ ,  $\frac{4}{5}$ .

Convert between different units of measure, understand and use equivalences between metric units and imperial units.

Measure and calculate the perimeter of a composite shapes. Calculate and compare the area of squares and rectangles.

Estimate volume and capacity.

Solve problems using all 4 operations involving measure, units of time and including decimals notation.

Identify 3D shapes from 2D nets.

Understand that angles are measured in degrees; estimate compare and measure acute, obtuse and reflex angles.

Identify, describe and represent the position of a shape following a reflection or a translation.

Solve comparison problems using information from a line graph.

## Basic Skills



Wood Lane Primary School

## Year Five

**Dare to Dream, Believe and Achieve!**

## Spoken Language

### In relation to talking **to** others:

Talk in extended turns to express straight-forward ideas and feelings.

Capture the listeners interest with intriguing situation, setting and character when telling story or recalling event.

Describe situation, creature or character in such clear detail and language that others identify it easily and confidently.

Be able to present conflicting views of an argument and reach a considered conclusion.

### In relation to talking **with** others:

Show good understanding of what has been said and are able to introduce new ideas that are valid.

Listen to others responsively in discussion and link own ideas clearly to others' views, even when these views are different.

Know as group leader what to do to help the discussion to develop well.

Reflect on the contributions of different members of the group and consider the effect of each role.

## Reading

Apply knowledge of root words, prefixes and suffixes to read aloud and understand the meaning of new words.

Maintain positive attitudes to reading by reading a wide range of books with a range of different purposes.

Increase their knowledge of legends, traditional stories, modern fiction, our literary heritage and books from other cultures.

Recommend books they have read to their peers giving reasons for their choices.

Prepare and perform poetry and plays showing an understanding of intonation and volume to ensure clarity.

Ensure that their reading makes sense by asking questions to improve their understanding.

Draw inferences about characters' feelings, thoughts and motives from their actions. Justify inferences with evidence from their reading books.

Summarising main ideas drawn from more than one paragraph. Identifying key details that support the main ideas.

Identify how language, structure and presentation contribute to the meaning.

Understand how authors use figurative language.

Distinguish between fact and opinion.

Retrieve, record and present information from non-fiction.

Participate in discussions about books challenging the views of others in a courteous manner.

Explain and discuss their understanding of what they have read, through formal presentations or debates.

Have reasoned justifications for their views.

## Writing

Use morphology and etymology in spelling and understand that some words need to be learnt specifically.

Use both dictionaries and thesauruses effectively.

When planning writing they should consider their audience, the purpose of their writing, selecting the appropriate format.

When writing narratives consider how to develop characters and the setting.

Draft and write using the appropriate grammar and vocabulary understanding that choices can change and enhance meaning. Describe settings, characters and atmosphere and where appropriate include dialogue. Use paragraphs to build the narrative.

Non-narrative should be structured to include: headings; sub-heading and bullet points.

Evaluate and edit: assess writing to ensure effectiveness, change vocabulary to enhance effect and clarity of meaning; ensure correct use of tense; ensure correct subject verb agreement.

Proof read for spelling and punctuation errors.

Taught to recognise vocabulary and structures that are appropriate for formal speech and writing.

Taught to use expanded noun phrases; modal verbs or adverbs; relative clauses.

Taught to use commas; hyphens; brackets; dashes; semi-colons.

Consolidate all forms of punctuation