

Numeracy

Read and write numbers up to 10000000 and determine the value of each digit.

Use negative numbers in context and calculate intervals across 0.

Multiply 4 digits by 2 digits using long multiplication.

Divide 4 digits by 2 digits using long division and interpret remainders as whole numbers, fractions depending on context.

Identify common factors, common multiples; prime numbers.

Solve multi-step problems in addition, subtraction, multiplication and division choosing appropriate operation.

Use common factors to simplify fractions, use common multiples to express fractions in the same denomination.

Compare and order fractions

Add and subtract fraction with different denominations

Multiply simple pairs of proper fractions writing the answer in the simplest form.

Divide proper fractions by whole numbers

Identify the value of each digit in a number to 3 decimal places.

Multiply a

1 digit number with up to 2 decimal places by a whole number.

Solve problems with multiplication and division operations

Solve problems involving the calculation of percentages

Solve problems involving similar shapes where the scale factor is known.

Solve problems involving ratio or proportion.

Express missing number problems algebraically.

Use simple formulae expressed in words

Find pairs of numbers that satisfy number sentences involving 2 unknowns.

Numeracy

Solve problems involving calculation and conversion of units of measure, using decimal notation (where appropriate) up to 3 decimal places.

Use, read, write and convert between standard units of measure in length, mass, volume and time from a smaller to a larger unit and *vice versa*. Convert between miles and kilometres.

Recognise that shapes with the same areas can have different perimeters and *vice versa*.

Recognise when it is possible to use formulae for area and volume of shapes.

Calculate the area of parallelograms and triangles.

Calculate, estimate and compare volume of cubes and cuboids using standard units

Draw 2D shapes using given dimensions and angles.

Recognise, describe and build 3D shapes.

Compare and classify geometric shapes based on their properties and size. And find unknown angles in any triangles, quadrilaterals and regular polygons.

Illustrate and name parts of a circle including radius, circumference, know that the diameter is twice the radius.

Recognise angles where they meet at a point, on a straight line, or vertically opposite and find missing angles.

Describe positions on the full coordinate grid (all four quadrants)

Draw and translate simple shapes on a coordinate plane and reflect them in the axes.

Interpret and construct pie charts and line graphs and use these to solve problems.

Calculate and interpret the mean as an average.

Basic Skills



Wood Lane Primary

Year Six

Dare to Dream, Believe and Achieve!

Spoken Language

In relation to talking **to** others:

Vary vocabulary, grammar and non-verbal features to suit the needs of audience.

Shape talk very deliberately for effect and clarity.

Present a strong argument in a formal debate on an issue, using the language and procedures of debating.

Be able to agree some good ways for opening and closing an interview.

Present a spoken argument that develops coherently and logically and supports its points with evidence and persuasive language.

In relation to talking **with** others:

Recognise significant detail and implicit meanings in others' contributions.

Be comfortable in developing other ideas in different ways.

Show a growing ability to shape the direction of the talk.

Listen to the debate with an open mind, recall the main arguments and decide, for clear reasons, which one was the most convincing.

Work together as a group to prepare an argument against or for the motion in a debate.

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 to enhance writing.

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

Become more proficient at writing using skills taught in year 5.

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

Use both dictionaries and thesauruses more effectively.

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

When writing narratives consider how to further develop the 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 must be structured to include: headings; sub-heading and bullet points.

Evaluate and edit: assess writing to ensure effectiveness, use a range of strategies such as: changing vocabulary to enhance effect and clarity of meaning; ensuring correct use of tense; ensuring correct subject verb agreement.

Proof read for spelling and punctuation errors.

Recognise vocabulary and structures that are most appropriate for formal speech and writing.

Use expanded noun phrases; modal verbs or adverbs; relative clauses.

Use commas; hyphens; brackets; dashes; semi-colons correctly.

Consolidate all forms of punctuation