

Lever House Primary School

End of Year Expectations for Year 5



This document provides information for Parents and Carers on the end of year expectations for children in Year 5.

The English statements in this booklet have been identified as 'Key Learning Indicators of Performance' as these have the greatest impact on the further development of skills and subsequent learning. The Maths statements are taken from White Rose Maths - additional resources are available online and via links on our Maths page (leverhouse.net click the curriculum tab)

They are not the full curriculum we teach in school. You can find this in the National Curriculum by following this link

<https://www.gov.uk/government/publications/national-curriculum-in-england-primary-curriculum>

All the objectives will be worked on throughout the year and will be the focus of direct teaching. Any extra support you can provide in helping your children to achieve these is greatly valued. If you have any queries regarding the content of this booklet or want support in knowing how best to help your child please talk to your child's teacher.

English

Reading

- Check that the book makes sense to them and demonstrate understanding e.g. through discussion, use of reading journals.
- Demonstrate active reading strategies e.g. generating questions to refine thinking, noting thoughts in a reading journal.
- Infer characters' feelings, thoughts and motives from their actions and justify inferences with evidence.
- Through close reading of the text, re-read and read ahead to locate clues to support understanding.
- Scan for key words and text mark to locate key information.
- Justify opinions and elaborate by referring to the text, e.g. using the PEE prompt - Point + Evidence + Explanation.
- Explore, recognise and use the terms metaphor, simile, imagery.
- Other important aspects of reading in Year 5
- Listen to and discuss a range of fiction, poetry and non-fiction which they might not choose to read themselves.
- Explore themes within and across texts e.g. loss, heroism, friendship.
- Make comparisons within a text e.g. characters' viewpoints of same events.
- Recommend books to their peers with reasons for choices.
- Read books and texts that are structured in different ways for a range of purposes.
- Express preferences about a wider range of books including modern fiction, traditional stories, myths and legends.
- Learn a wider range of poems by heart.
- Prepare poems and play scripts to read aloud and perform, showing understanding through intonation, tone, volume and action so the meaning is clear to an audience.
- Predict what might happen from information stated and implied.

Writing

- Create complex sentences by using relative clauses with relative pronouns who, which, where, whose, when, that e.g. Sam, who had remembered his wellies, was first to jump in the river. The thief broke into the house which stood on the top of the hill.
- Link ideas across paragraphs using adverbials for time, place and numbers e.g. later, nearby, secondly
- Use different sentence structures with increasing control
- Use organisation and presentational devices e.g. underlining, bullet points, headings.
- Suggest changes to grammar, vocabulary and punctuation to enhance effects and clarify meaning
- Use devices to build cohesion within a paragraph e.g. firstly, then, presently, this, subsequently.
- Use the first three or four letters of a word to check spelling, meaning or both of these in a dictionary.
- Use a thesaurus
- Write fluently using a joined style as appropriate for independent writing.
- Choose when it is appropriate to print (lower case or upper case) rather than to join writing e.g. printing for labelling a scientific diagram or data, filling in a form, writing an e mail address.

Oracy

To be met by the end of Y6

- Listen, identify and evaluate how spoken language varies in different contexts according to purpose and audience.
- Listen and evaluate viewpoints from adults and peers,.
- Discuss and analyse how spoken language is used within different contexts according to purpose and audience.

- Articulate and justify answers, arguments and opinions orally, in relation to questions or key points posed by an adult and peers.
- Ask a range of appropriate questions to clarify and refine thinking.
- Participate in discussions and debates building on their own and others' ideas, challenging views courteously.
- Use correct Standard English when speaking in formal contexts.
- Select and use appropriate registers for effective communication in a range of contexts
- Use cohesive devices for narrative and non-fiction during talk
- Introduce, explore and evaluate new vocabulary orally
- Explore settings and characters orally, and select precise vocabulary to create well- structured descriptions.
- Prepare poems and play-scripts to perform, using dramatic effects in order to gain, maintain and heighten the interest of the audience.
- Use non-verbal gestures whilst presenting and performing to sustain the audience's interest.
- Prepare oral retellings of identified sections of stories, poems and non-fiction (or innovated/ invented versions) in order to perform to an audience.

Mathematics

Place Value

- Count forwards or backwards in steps of powers of 10 for any given number up to 1 000 000
- Count forwards and backwards with positive and negative whole numbers, including through zero
- Read, write, order and compare numbers to at least 1 000 000 and determine the value of each digit
- Read Roman numerals to 1000 (M) and recognise years written in Roman numerals
- Interpret negative numbers in context
- Round any number up to 1 000 000 to the nearest 10, 100, 1000, 10 000 and 100 000
- Solve number problems and practical problems that involve all of the above

Addition and Subtraction

- Add and subtract whole numbers with more than 4 digits, including using formal written methods (columnar addition and subtraction)
- Add and subtract numbers mentally with increasingly large number
- solve addition and subtraction multistep problems in contexts, deciding which operations and methods to use and why
- Solve problems involving addition, subtraction, multiplication and division and a combination of these, including understanding the meaning of the equals sign

Multiplication and Division

- Identify multiples and factors, including finding all factor pairs of a number, and common factors of two numbers
- Know and use the vocabulary of prime numbers, prime factors and composite (nonprime) numbers
- Establish whether a number up to 100 is prime and recall prime numbers up to 19
- Recognise and use square numbers and cube numbers, and the notation for squared (2) and cubed (3)
- Identify common factors, common multiples and prime numbers• use estimation to check answers to calculations and determine, in the context of a problem, an appropriate degree of accuracy
- Solve problems involving multiplication and division including using their knowledge of factors and multiples, squares and cubes
- Solve problems involving multiplication and division, including scaling by simple fractions and problems involving simple rates
- Solve problems involving addition, subtraction, multiplication and division

Fractions, Decimals and Percentages

- Identify, name and write equivalent fractions of a given fraction, represented visually, including tenths and hundredths
- Recognise mixed numbers and improper fractions and convert from one form to the other and write mathematical statements > 1 as a mixed number [for example, $2/5 + 4/5 = 6/5 = 1 \frac{1}{5}$]
- Compare and order fractions whose denominators are all multiples of the same number
- Add and subtract fractions with the same denominator and denominators that are multiples of the same number
- Multiply proper fractions and mixed numbers by whole numbers, supported by materials and diagrams
- Read and write decimal numbers as fractions [for example, $0.71 = 71/100$]
- Recognise and use thousandths and relate them to tenths, hundredths and decimal equivalents
- Round decimals with two decimal places to the nearest whole number and to one decimal place
- Read, write, order and compare numbers with up to three decimal places
- Recognise the per cent symbol (%) and understand that per cent relates to 'number of parts per hundred', and write percentages as a fraction with denominator 100, and as a decimal
- Solve problems which require knowing percentage and decimal equivalents of $1/2$, $1/4$, $1/5$, $2/5$, $4/5$, and those fractions with a denominator of a multiple of 10 or 25

Measurement

- Convert between different units of metric measure
- Understand and use approximate equivalences between metric units and common imperial units such as inches, pounds and pints
- Use all four operations to solve problems involving measure [for example, length, mass, volume, money] using decimal notation, including scaling
- Use all four operations to solve problems involving measure [for example, money]
- Measure and calculate the perimeter of composite rectilinear shapes in centimetres and metres
- Calculate and compare the area of rectangles (including squares) and including using standard units, square centimetres (cm^2) and square metres (m^2) and estimate the area of irregular shapes • estimate volume [for example, using blocks to build cuboids] and capacity [for example, using water]

Geometry

- Distinguish between regular and irregular polygons based on reasoning about equal sides and angles.
- Use the properties of rectangles to deduce related facts and find missing lengths and angles
- Identify 3-D shapes, including cubes and other cuboids, from 2-D representations
- Know angles are measured in degrees: estimate and compare acute, obtuse and reflex angles
- Draw given angles, and measure them in degrees
- Identify: angles at a point and one whole turn (total 360°); angles at a point on a straight line and $1/2$ a turn (total 180°); other multiples of 90
- identify, describe and represent the position of a shape following a reflection or translation, using the appropriate language, and know that the shape has not changed

Statistics

- complete, read and interpret information in tables, including timetables
- solve comparison, sum and difference problems using information presented in a line graph