

Recognise mixed numbers and fractions and convert from one to another ( e.g.  $1\frac{2}{3} = \frac{3}{3} + \frac{2}{3} = \frac{5}{3}$ )

Recognise the percent symbol (%) and link it with fractions and decimals 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

Convert between different units of metric measure (e.g.  $1\text{ m} = 100\text{ cm} = 1000\text{ mm}$ )

Measure and calculate perimeter and area of simple shapes

Estimate volume and capacity

Know most 2D and 3D shapes

Measure, draw and compare angles

Know what a shape will look like as its position is moved on a grid (translation) or is reflected

Confidently understand information presented in charts, graphs and tables and present own data accurately and appropriately

If you would like further clarification on any information in this booklet please speak to your child's class teacher.

For more information about the National Curriculum go to:

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

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## Reading

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Find reading enjoyable as well as useful

Read a wide variety of texts including magazines, novels, poetry, plays, etc

Discuss what they have read and recommend books to others

Listen to others with respect in discussions

Learn a wide range of poetry by heart and perform it with expression

Recap the main points of an argument or discussion within their reading and make up their own mind about issues

Know the difference between fact and opinion

Understand that two people may have a different view on the same event and that writers sometimes use bias in persuasive writing

Use more than one source of information when carrying out research

Compare two texts and explain reasons for their opinions about the texts

Use voices and/or expression to show when a character is speaking

Predict what might happen next in the text

Discuss and assess how authors use language and how it impacts the reader

## Writing

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Plan, draft and write for a variety of purposes (stories, reports, poems, letters, etc)

Use organisational and presentational features (e.g. using paragraphs to organise ideas)

Describe character, setting and atmosphere in story writing

Use a variety of sentence openers for impact (e.g. Cautiously, she pushed the old, creaking door.)

Ensure correct use of tenses (e.g. They *went* to the party.)

Re-read writing to check for spelling and punctuation mistakes

Know how to use brackets, dashes and commas correctly

Use conjunctions (linking words) in a variety of sentences to link ideas (e.g. She never stops talking, even when she's working.)

Link ideas across paragraphs using adverbials of time (e.g. later), place (e.g. nearby) and number (e.g. secondly)

Perform own writing ideas confidently

Always use clear, neat and fluent handwriting

## Mathematics

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Count forward & backward with positive and negative numbers through zero

Count forward/backward in steps of powers of 10 for any given number up to 1000000

Count up/down in thousandths (e.g. 0.01, 0.02, 0.03)

Read Roman numerals to 1000

Know and use multiples and factors

Know and use all multiplication facts to 12x12

Know all prime numbers up to 19 (2, 3, 5, 7, 11, 13, 17, 19)

Recognise how many millions, hundred thousands, ten thousands, thousands, hundreds, tens and ones in any number up to 1000000

Round any number up to 1000000 to the nearest 10, 100, 1000, 10000 or 100000

Round decimals with 2 decimal places to nearest whole number (e.g. 6.38 rounds down to 6)

Add and subtract numbers with more than 4-digits using an efficient written method (e.g. column addition)

Multiply a 4-digit number by a 1-digit number or a 2-digit number (e.g. 2341 x 3)

Divide a 4-digit number by a 1-digit number (e.g. 6282 ÷ 2)

Multiply and divide whole numbers and decimals by 10, 100 & 1000 (e.g. 1.6 x 10 = 16)

Add and subtract increasingly large numbers mentally

Solve addition, subtraction, multiplication and division word problems

Read and write decimal numbers up to three decimal places (e.g. 4.376)