

## Mathematics

- Read, write, order and compare numbers to at least 10,000,000 (including decimals up to 3 decimal places) and determine the value of each digit
- Use negative numbers in context
- Multiply multi-digit numbers up to 4 digits by a two-digit whole number using the efficient written method of long multiplication
- Divide numbers up to 4 digits by a two-digit number using long division, and interpret remainders as whole number remainders, fractions, or by rounding
- Recognise and use multiples, factors, prime numbers, square numbers and cube numbers
- Use common factors to simplify fractions
- Add and subtract fractions with different denominators and mixed numbers
- Multiply simple pairs of proper fractions
- Divide fractions by whole numbers e.g.  $1/3 \div 2 = 1/6$
- Solve problems which require answers to be rounded to specified degrees of accuracy
- Recall and use equivalences between simple fractions, decimals and percentages
- Calculate percentage of whole numbers or measure e.g. 15% of 360
- Express missing number problems algebraically
- Convert between mile and kilometres
- Use, read, write and convert between standard units, converting measurements of length, mass, volume and time
- Calculate the area of parallelograms and triangles
- Calculate, estimate and compare volume of cubes and cuboids using standard units



The New Curriculum

End of Year Expectations

Year 6

This booklet provides information for parents and carers on the end of year expectations for children in our school.

These expectations have been identified as being the minimum requirements your child must meet in order to ensure continued progress throughout the following year.

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 children please talk to your child's teacher.

The full curriculum overviews for all subjects can be found on our website

<http://www.oasisacademypinewood.org/>

## Reading

- Continue to read and discuss an increasingly wide range of fiction, poetry, plays, non-fiction and reference books or textbooks
- Reading books that are structured in different ways and reading for a range of purposes
- Increasing their familiarity with a wide range of books, including myths, legends and traditional stories, modern fiction, fiction from our literary heritage, and books from other cultures and traditions
- Learning a wider range of poetry by heart
- Identifying and discussing themes in and across a wide range of writing
- Discuss and evaluate how authors use language, including figurative language, considering the impact on the reader
- Summarising the main ideas, identifying key details
- Explain and discuss their understanding of what they have read, including through formal presentations and debates
- Drawing inferences and justifying these with evidence from the text
- Provide reasoned justification for their views
- Retrieve, record and present information from non-fiction
- Distinguish between statements of fact and opinion



## Writing

- Accurately use prefixes and suffixes e.g. un, mis and ly and understand the guidelines for adding them
- Spell and use words with silent letters e.g. knight, solemn, psalm
- Use the first three or four letters of a word to check its spelling in a dictionary
- Use a thesaurus
- Write legibly, fluently, with increasing speed and personal style
- Noting and developing initial ideas, drawing on reading and research where necessary
- Identifying the audience for and purpose of the writing
- Selecting appropriate grammar and vocabulary, understanding how such choices can change and enhance meaning
- Using a wide range of devices to build cohesion within and across paragraphs
- In narratives, describing settings, characters and atmosphere and integrating dialogue to convey character and advance the action
- Using further organisational and presentational devices to structure text e.g. headings, bullet points, underlining
- Assessing the effectiveness of their own and others' writing through proof reading and reading aloud
- Use a range of sentences types to create different effects
- Use the following punctuation accurately: Capital letters, full stops, question marks, exclamation marks, apostrophes, commas, inverted commas, brackets, dashes, colons and semi-colons

