Sutton Benger C.E. Primary

Reading, Writing & Maths – A Guide for Parents

Year 5

Reading

Children in Year 5 will:

- Be encouraged to read and discuss an increasingly wide range of fiction, non-fiction, poetry, plays and reference books in order to understand that texts are structured in different ways and written for different purposes
- Become increasingly familiar with traditional stories, myths, legends and books from other cultures, becoming very clear on the structure and typical features of this style of text
- Be encouraged to complete book reviews, giving reasons for their opinions and making comparisons with other texts
- Learn a wider range of poetry off by heart, showing an understanding of how to perform by using the right tone, volume, timing and intonation so that it can be clearly understood by the audience
- Make predictions based on what they have already read, summarise key points to show good comprehension and look out for interesting phrases that authors uses
- Practise distinguishing between fact and opinion, answer questions by referring back to the text and confidently challenge others in an appropriate manner about their opinion

Children will be taught to understand what they read by:

- Checking that the book makes sense to them, discussing their understanding and exploring the meaning of words in context
- Asking questions to improve their understanding
- Drawing inferences such as inferring characters' feelings, thoughts and motives from their actions, and justifying inferences with evidence
- Predicting what might happen from details stated and implied
- Summarising the main ideas drawn from more than one paragraph, identifying key details that support the main ideas
- Identifying how language, structure and presentation contribute to meaning

Writing

In **spelling**, children will be taught to:

- Spell words with silent letters e.g *solemn* and *knowledge*
- Work on spelling a wider range of homophones (words which sound the same but have different meanings), ensuring they use the correct form based on the context of their writing, for example *practise/practice, advice/advise*
- Spell words ending in the following suffixes: *-ant, -ancy, -ance, -ation, -ent, -ence, –ency, -able, -ible, -ably* and *–ibly*
- Apply the spelling rules for adding the endings *–fer, –cial, -tial, – cious, -tious* and words with the letter string *ough*
- Use the hyphen in words such as *co-ordinate* and *re-enter*

- Use dictionaries to check the spellings of words and a thesaurus to develop the use of vocabulary further

Handwriting:

By Year 5, your child may well have developed their own handwriting style. They will be expected to write legibly and fluently and may possibly be writing in pen, rather than pencil. In most cases, children in Year 5 should be joining their handwriting all the time. However, they might still need reminding of certain rules such as – never join capital letters to the following letter!

In **grammar and punctuation**, children will be taught to:

- Convert adjectives or nouns into verbs using suffixes such as *–ify*, *-ise* and *–ate* and practise adding prefixes for example *de-*, *mis-* and *re-*
- Use relative clauses, clauses beginning with relative pronouns such as *where, which, whose, that* and *who*, for example, 'The boy, who fell and grazed his knee, cried.'
- Include adverbs such as *perhaps* and *surely* as well as modal verbs such as *will*, *should* or *might* in order to indicate degrees of possibility
- Ensure their writing flows well and ideas link cohesively, linking ideas across paragraphs using adverbials of time (*later, after, before*), number (*secondly, thirdly*) or place (*in the distance*)
- Use parenthesis (brackets), colons (:) and semi-colons (;) and refer to these new grammatical terms correctly

In **composition of writing**, children will be taught to:

- Identify the audience and select the correct style and tone. They will be encouraged to note and develop their ideas and using their reading knowledge to plan interesting characters (if fiction) and settings
- Practise selecting the correct grammar and vocabulary to match the reading audience and work on including dialogue and linking paragraphs together so that their writing flows well
- Carefully select the correct structure for their text, including any necessary features such as bullet points, headings or captions
- Regularly assess the effectiveness of their own writing and pieces written by others, focusing specifically on punctuation, grammar, vocabulary and spelling
- Proofread their writing successfully

It is important that the children learn that it is ok not to get it right first time! We encourage the children to go back over their work and 'purple pen polish' so they are evaluating and editing their writing.

Maths

Number - Number and Place Value
Children will be taught to:

- Read, write, compare and order numbers to at least one million, understanding the value of each digit
- Round any number to the nearest 10, 100, 1000, 10,000 and 100,000
- Interpret negative numbers in context, children may practise counting forwards and backwards across zero

Together as one family, we 'strive for faith, love and peace', believe in the values of God and succeed with grace.
(2 Timothy 2:22)

- Read Roman numerals to 1000, recognising years which are written in these numerals
- Solve number problems and practical problems involving all of the above

Addition and Subtraction
Your child will be taught to:

- Use formal column written methods to add and subtract numbers with more than four digits
- Mentally calculate larger numbers
- Solve subtraction and addition multi-step problems, which involve two or more steps

Multiplication and Division
Your child will be taught to:

- Identify multiples and factors (including common factors)
- Know and use prime numbers, prime factors and composite numbers
- Multiply up to four digits by a one or two digit number using formal methods, including long multiplication for two digit numbers, and multiply and divide mentally using their knowledge of number facts
- Divide up to four digits by a one digit number using formal written methods of short division, including remainders
- Multiply and divide decimals by 10, 100 and 1000
- Recognise and use square and cube numbers, and the notation for squared (^{2}) and cubed (^{3})
- Solve word problems involving multiplication and division

Measures
Your child will be taught to:

- Convert between different units of measure
- Understand and use approximate equivalences between metric and imperial units of measure
- Measure and calculate perimeter of composite rectilinear shapes (a shape made up of 2 or more rectangles)
- Calculate and compare the area of rectangles and irregular shapes
- Estimate volume and capacity
- Solve problems involving time
- Use all four operations (+ - x ÷) to solve problems involving measure

Fractions, Decimals & Percentages
Your child will be taught to:

- Compare and order fractions where denominators (lower number in the fraction) are multiples of the same number, e.g 1/5, 3/15, 9/25
- Find equivalent fractions (fractions which have the same value), including tenths and hundredths
- Recognise mixed number fractions (where a whole number and fraction are mixed e.g. 3 ½) and improper fractions (where the numerator [number on top] is larger than the denominator). They will also be taught to convert between these forms
- Add and subtract fractions which have the same denominator, or denominators that are the multiples of the same number

- Multiply mixed number fractions and proper fractions by whole numbers
- Write and read decimals as fractions, e.g 0.83 = 83/100
- Round decimals with two decimal places to one decimal place or the nearest whole number
- Write, read, compare and order numbers with up to three decimal places and solve problems based around these numbers
- Recognise the <u>percentage</u> symbol (%) understanding that 'per cent' means number as part of a hundred. They will also be taught to write percentages as a fraction e.g 67% = 67/100 and as a decimal, 0.67

Shape

Your child will be taught to:

- Measure angles in degrees (including estimating angles)
- Draw angles and work out missing angle and length measurements within shapes
- Recognise the difference between regular (equal-sided) and irregular (unequal-sided) polygons (a 2D shape with straight lines) based on reasoning about equal sides and angles
- Identify a wide range of 3D shapes from 2D pictures
- Identify, describe and represent the position of a shape following reflection or translation (movement), using appropriate language

Statistics

Your child will be taught to:

- Solve problems using information presented in a line graph and interpret information presented in timetables