

## Mathematics

- Use negative numbers in context and calculate intervals across zero.
- Compare and order numbers up to 10,000,000.
- Identify common factors, common multiples and prime numbers.
- Round any whole number to a required degree of accuracy.
- Identify the value of each digit to 3 decimal places.
- Use knowledge of order of operations to carry out calculations involving four operations.
- Multiply:
  - 4-digit by 2-digit
- Divide:
  - 4-digit by 2-digit
- Add and subtract fractions with different denominators and mixed numbers.
- Multiply simple pairs of proper fractions, writing the answer in the simplest form.
- Recognise relationship between fractions, decimals and %
- Divide proper fractions by whole numbers.
- Calculate % of whole number.
- Multiply 1 digit numbers with up to 2 decimal places by whole numbers
- Use written division methods in cases where answer has 2 decimal places
- Find percentages of a given number
- Solve problems involving unequal sharing and grouping e.g.  $\frac{3}{5}$  of the class are boys
- Solve simple ratio and proportion problems
- Reduce a given ratio to its lowest terms
- Find pairs of numbers that satisfy number sentences involving two unknowns e.g. what is  $2a+3b$  if  $a=2$  and  $b=3$
- Draw and translate simple shapes on the co-ordinate plane, reflect them in the axis and rotate around a point
- Interpret and construct pie charts and use these to solve problems using knowledge of angles, fractions and percentages.



## End of Year Expectations Year 6

This booklet provides information for parents and carers on the New National Curriculum Framework. The National Curriculum suggests that children in Year 6 should be able to meet most of the expectations in this booklet by the end of the year.

All of 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 child achieve these is greatly valued.

**If you are unfamiliar with any of the terms used in this pack please speak to your child's class teacher.**

## Reading

- Refer to text to support opinions and predictions.
- Read aloud with intonation and expression that shows understanding
- Work out the meaning of words from the context
- Explain and discuss their understanding of what they have read, drawing inferences and justifying these with evidence
- Predict what might happen from details stated and implied
- Retrieve information from non-fiction sources
- Make comparisons within and across books
- Give a view about choice of vocabulary, structure, etc.
- Distinguish between fact and opinion.
- Appreciate how a set of sentences has been arranged to create maximum effect.
- Recognise:
  - complex sentences with more than one subordinate clause
  - phrases which add detail to sentences
- Explain how a writer has used sentences to create particular effects.
- Skim and scan to aide note-taking.

## Writing

- Use subordinate clauses to write complex sentences.
- Use passive voice where appropriate.
- Use expanded noun phrases to convey complicated information concisely (e.g. The fact that it was raining meant the end of sports day).
- Use a sentence structure and layout matched to requirements of text type.
- Use semi-colon, colon or dash to mark the boundary between independent clauses.
- Use colon to introduce a list and semi colon within a list.
- Use correct punctuation of bullet points.
- Use hyphens to avoid ambiguity.
- Use full range of punctuation matched to requirements of text type.
- Use wide range of devices to build cohesion within and across paragraphs.
- Use paragraphs to signal change in time, scene, action, mood or person.
- Select vocabulary and grammatical structures that reflect the level of formality required correctly
- Use passive and modal verbs correctly
- Create an atmosphere, and integrate dialogue to convey characters
- Use adverbs, preposition phrases and expanded noun phrases effectively to add detail, qualification and precision
- Use inverted commas, commas for clarity and punctuation for parenthesis mostly correctly and making some correct use of semi-colons, dashes, colons and hyphens
- Learn all the spellings in the Year 5/6 appendix (see website for these words- curriculum page)
- Write legibly, fluently and with increasing speed.