



As readers, we will learn:
Pupils should be taught to:
apply their growing knowledge of root words, prefixes and suffixes (etymology and morphology) as listed in English Appendix 1, both to read aloud and to understand the meaning of new words they meet
read further exception words, noting the unusual correspondences between spelling and sound, and where these occur in the word.
develop positive attitudes to reading and understanding of what they read
understand what they read, in books they can read independently
retrieve and record information from non-fiction
participate in discussion about both books that are read to them and those they can read for themselves, taking turns and listening to what others say



As writers, we will learn:
use further prefixes and suffixes and understand how to add them (English Appendix 1)
spell further homophones
spell words that are often misspelt (English Appendix 1)
place the possessive apostrophe accurately in words with regular plurals [for example, girls', boys'] and in words with irregular plurals [for example, children's]
use the first two or three letters of a word to check its spelling in a dictionary
write from memory simple sentences, dictated by the teacher, that include words and punctuation taught so far.
plan their writing by
draft and write by
evaluate and edit by proof-read for spelling and punctuation errors read aloud their own writing

As mathematicians, we will learn:
count from 0 in multiples of 4, 8, 50 and 100; find 10 or 100 more or less than a given number
recognise the place value of each digit in a three-digit number (hundreds, tens, ones)
compare and order numbers up to 1000
identify, represent and estimate numbers using different representations
read and write numbers up to 1000 in numerals and in words
solve number problems and practical problems involving these ideas.
count in multiples of 6, 7, 9, 25 and 1000
find 1000 more or less than a given number
count backwards through zero to include negative numbers
recognise the place value of each digit in a four-digit number (thousands, hundreds, tens, and ones)
order and compare numbers beyond 1000
identify, represent and estimate numbers using different representations
round any number to the nearest 10, 100 or 1000
solve number and practical problems that involve all of the above and with increasingly large positive numbers
read Roman numerals to 100 (I to C) and know that over time, the numeral system changed to include the concept of zero and place value.

	<p>As scientists, we will learn:</p> <ul style="list-style-type: none">compare how things move on different surfacesnotice that some forces need contact between two objects, but magnetic forces can act at a distanceobserve how magnets attract or repel each other and attract some materials and not otherscompare and group together a variety of everyday materials on the basis of whether they are attracted to a magnet, and identify some magnetic materialsdescribe magnets as having two polespredict whether two magnets will attract or repel each other, depending on which poles are facingcompare and group materials together, according to whether they are solids, liquids or gasesobserve that some materials change state when they are heated or cooled, and measure or research the temperature at which this happens in degrees Celsius (°C)identify the part played by evaporation and condensation in the water cycle and associate the rate of evaporation with temperature
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