

Autumn Term 2022

English Planning: Years 5 and 6

Weekly spelling focus: In year 5, we will be focusing on words ending in -tious and -cious; words ending in /shul/ spelled -tial and -cial; words ending in -ant; words ending in -ance and -ancy; words ending in -ent and -ence, words ending in -ible and -able; words ending in -ably and -ibly; and looking at challenge words from Year 3 and 4 and Year 5 and 6 word lists. In year 6, we will be focusing on challenge words from the Year 3 and 4 and Year 5 and 6 word lists before looking at words with the short vowel sound /i/ spelled with a y, and the long vowel sound /igh/ spelled with a y.

Weekly grammar and punctuation focus: we will use this time to continue to practise our use of standard English in writing and speaking and to reinforce our understanding of word classes. We will recap on the main word classes and how to use them along with how to make use of basic punctuation. We will look at how we can manipulate sentences with our use of punctuation and through our understanding of clauses within a sentence.

Speaking and listening focus: speaking and listening are central to our English learning as a way to develop and grow our vocabulary and our understanding of grammar and sentence construction. Opportunities for speaking and listening include drama activities, P4C sessions, class book, weekly poem and the use of open questions throughout our learning.

Weekly reading groups.

Reading buddies once a week with younger buddies.

Reading comprehension.

‘Quick writes’.

Poetry: a poem of the week which we read aloud and in chorus each day. We will also be writing our own poems inspired by the natural world and linked to the Global Goals.

Class book: The Children of Castle Rock by Natasha Farrant.

Non-fiction information writing linked to science - explanation texts about how different rocks are formed and their properties.

Non-chronological reports linked to philosophy and citizenship on democracy and the UK parliament.

Fiction - we will be writing our own adventure stories set in a future world.

Newspaper reports linked to our adventure stories.

Maths Planning

Practice maths (mental/oral skills).

Times-table practise - at school and home-learning to maintain and develop fluency.

Maths buddies once a fortnight with younger buddies.

Vocabulary: we will plan for and take every opportunity to use maths vocabulary in real and meaningful contexts across the curriculum.

Year 5	Year 6
<p>Number: Place Value</p> <ul style="list-style-type: none"> Roman Numerals to 1,000 Numbers to 10,000 Numbers to 100,000 Numbers to 1,000,000 Powers of 10 10/100/1000/10,000/100,000 more or less Partition numbers to 1,000,000 Number line to 1,000,000 Compare and order numbers to 100,000 Compare and order numbers to 1,000,000 Round to the nearest 10,100 or 1,000 Round within 100,000 Round within 1,000,000 <p>Number: Addition & Subtraction</p> <ul style="list-style-type: none"> Mental strategies Add whole numbers with more than 4-digits Subtract whole numbers with more than 4-digits Round to check answers Inverse operations (addition & subtraction) Multistep addition & subtraction problems Compare calculations Find missing numbers <p>Number: Multiplication & Division</p> <ul style="list-style-type: none"> Multiples Common multiples Factors Common factors Prime numbers Square numbers Cube numbers Multiply by 10, 100 & 1,000 Divide by 10, 100 & 1,000 Multiples of 10, 100 & 1,000 <p>Number: Fractions</p> <ul style="list-style-type: none"> Find fractions equivalent to a unit fraction Find fractions equivalent to a non-unit fraction Recognise equivalent fractions Convert improper fractions to mixed numbers Convert mixed numbers to improper fractions Compare fractions less than 1 Order fractions less than 1 Compare & order fractions greater than 1 Add & subtract fractions with the same denominator. Add fractions within 1 Add fractions with a total greater than 1 Add to a mixed number Add two mixed numbers Subtract fractions Subtract from a mixed number Subtract from a mixed number - breaking the whole Subtract two mixed numbers 	<p>Number: Place Value</p> <ul style="list-style-type: none"> Roman Numerals to 1,000 (re-cap) Numbers to 1,000,000 Numbers to 10,000,000 Read & write numbers to 10,000,000 Powers of 10 Number line to 10,000,000 Compare & order any integers Round any integer Negative numbers <p>Number: Four Operations</p> <ul style="list-style-type: none"> Add & subtract integers Common factors Common multiples Rules of divisibility Primes to 100 Square & cube numbers Multiply up to a 4-digit number by a 2-digit number Solve problems with multiplication Short division Division using factors Introduction to long division Long division with remainders Solve problems with division Solve multi-step problems Order of operations Mental calculations & estimation Reason from known facts <p>Number: Fractions</p> <ul style="list-style-type: none"> Equivalent fractions & simplifying Equivalent fractions on a number line Compare & order (denominator) Compare & order (numerator) Add & subtract simple fractions Add & subtract any two fractions Add mixed numbers Subtract mixed numbers Multi-step problems Multiply fractions by integers Multiply fractions by fractions Divide a fraction by an integer Divide any fraction by an integer Mixed questions with fractions Fraction of an amount Fraction of an amount - find the whole <p>Measurement: Converting Units</p> <ul style="list-style-type: none"> Metric measures Convert metric measures Calculate with metric measures Miles & kilometres Imperial measures