

Year 5 English and Maths Overview - The Windmills Junior School

Over the year all of the below learning objectives are introduced and then returned to until the children are secure in the specific learning objectives. The different objectives are returned to frequently to build on security and deepen understanding. Below is the overview of what your child will be taught this year in English and Maths. Each term all elements will be revisited appropriate to your child's ability. The below is what is expected to be achieved by the end of the year and the teaching works progressively to secure this. For further information please see the National Curriculum for English and Maths as published by the DFE.

Reading	Writing	Grammar	Maths
<ul style="list-style-type: none"> • Apply knowledge of morphology & etymology when reading new words • Read & discuss a broad range of genres & texts • Identify & discuss themes • Make recommendations to others • Learn poetry by heart • Discuss authors' use of language • Retrieve & present information from non-fiction texts • Formal presentations & debates • Summarise main points of an argument or discussion within their reading and make up own mind about issue/s • Compare between two texts • Appreciate that people use bias in persuasive writing • Appreciate how two people may have a different view on the same event • Draw inferences and justify with evidence from the text. • Vary voice for direct or indirect speech • Recognise clauses within sentences • Explain how and why a writer has used clauses to add information to a sentence • Use more than one source when carrying out research • Create a set of notes to summarise what has been read 	<ul style="list-style-type: none"> • Secure spelling, inc homophones, prefixes and silent letters • Use a thesaurus • Plan writing to suit audience and purpose • Develop character, setting and atmosphere in narrative • Use organisational & presentational features • Use consistent appropriate tense • Proof-reading own work and others • Perform own compositions • Add phrases to make sentences more precise and detailed • Use range of sentence openers – judging the impact or effect needed • Consistently organize writing accurately into paragraphs • Write legibly, fluently and with increasing speed <p>Sentence Structure:</p> <p>Use relative clauses beginning with who, which, where, why, whose, that, or an omitted relative pronoun</p> <p>Indicating degrees of possibility using modal verbs (e.g. might, should, will, must) or adverbs (e.g. perhaps, surely)</p>	<ul style="list-style-type: none"> • Use expanded noun phrases • Use modal & passive verbs • Use relative clauses • Use commas for clauses • Begin to adapt sentence structure to text type • Use pronouns to avoid repetition • Indicate degrees of possibility using adverbs (e.g. perhaps, surely) or modal verbs (e.g. might, should, will) • Use the following to indicate parenthesis: <ul style="list-style-type: none"> • brackets • dashes • comma • Use commas to clarify meaning or avoid ambiguity • Link clauses in sentences using a range of subordinating and coordinating conjunctions • Use verb phrases to create subtle differences (e.g. she began to run) • Link ideas across paragraphs using adverbials of time (e.g. later), place (e.g. nearby) and number (e.g. secondly) 	<p>Number / Calculation</p> <ul style="list-style-type: none"> • Count forwards and backward with positive and negative numbers through zero • Count forwards/backwards in steps of powers of 10 for any given number up to 1,000,000 • Compare and order numbers up to 1,000,000 • Compare and order numbers with 3 decimal places • Read Roman numerals to 1,000 • Identify all multiples and factors, including finding all factor pairs • Use known tables to derive other number facts (all tables should be learnt by year 4) • Recall prime numbers up to 19 • Recognise and use square numbers and cube numbers • Recognise place value of any number up to 1,000,000 • Round any number up to 1,000,000 to the nearest 10, 100, 1000, 10,000 or 100,000 • Round decimals with 2 decimal places to nearest whole number and 1 decimal place • Use standard written methods for all four operations <p>Add and subtract:</p> <ul style="list-style-type: none"> • Numbers with more than 4-digits

Speaking & listening	Vocabulary / Language Structure	Language Structure:	Specific Punctuation:	Subordinate clause list:	using formal written method.
<ul style="list-style-type: none"> • Give well-structured explanations • Use a good command of Standard English • Consider & evaluate different viewpoints • Use appropriate register – Register denotes the choice of language, whether that be formal or informal, changing it to match a given situation 	<p>Increase use of vocabulary and fully know their meaning</p> <p>Concise and precise choices of vocabulary for impact and meaning</p> <p>Know and be able to use word groups / families to help with spellings (“ain” word family includes brain, chain, gain, pain, rain, and so on)</p> <p>Verb prefixes (e.g. dis–, de–, mis–, over– and re–)</p> <p>Converting nouns or adjectives into verbs using suffixes (e.g. –ate; –ise; –ify)</p>	<p>Verbs</p> <p>Adjectives</p> <p>Connectives</p> <p>Pronouns</p> <p>Adverbs</p> <p>Clauses</p> <p>Phrases</p> <p>Subordinating connectives</p>	<p>Commas in lists</p> <p>Commas to mark phrases or clauses</p> <p>Brackets</p> <p>dashes</p>	<p>although</p> <p>because</p> <p>after</p> <p>before</p> <p>once / if</p> <p>as / since</p> <p>when</p> <p>until</p> <p>wherever</p> <p>whenever</p> <p>while</p> <p>whilst</p> <p>unless</p> <p>as soon as</p>	<ul style="list-style-type: none"> • Use rounding to check answers. <p>Multiply:</p> <ul style="list-style-type: none"> • 4-digits by 1-digit/ 2-digit <p>Divide:</p> <ul style="list-style-type: none"> • Up to 4-digits by 1-digit <p>Multiply & divide:</p> <ul style="list-style-type: none"> • Whole numbers & decimals by 10, 100 and 1,000 • Use vocabulary of prime, factor & multiple • Use square and cube numbers <p>Geometry and measures:</p> <p>Convert between different units</p> <p>Calculate perimeter of composite shapes, and area of rectangles</p> <p>Estimate volume and capacity</p> <p>Identify 3-d shapes</p> <p>Measure and identify angles</p> <p>Understand regular polygons</p> <p>Reflect & translate shapes</p> <p>Solve time problems using timetables and converting between different units of time</p> <p>Data: Interpret tables & line graphs</p> <p>Solve questions about line graphs</p> <p>Fractions and decimal:</p> <p>Compare & order fractions</p> <p>Add & subtract fractions with common denominators and with mixed numbers</p> <p>Multiply fractions by units</p> <p>Write decimals as fractions</p> <p>Order & round decimal numbers</p> <p>Link percentages to fractions</p> <p>Recognise and use thousandths</p> <p>Recognise mixed numbers and improper fractions and convert from one to another</p> <p>Identify and write equivalent fractions</p>
<p>If you have any queries regarding the content of this document, or want support in knowing how best to help your, child please talk to your child’s teacher.</p>					