



St Barnabas First & Middle School

Expectations for Y7

English & Maths



Area of Maths	Key Performance Indicator	Age Related Expectations
Number	Order, sort and interpret any number (including decimals and negatives). - Use place value to multiply and divide any number by powers of 10. - Understand and apply the concept of multiples, factors and primes individual, pairs or groups of numbers. For example, finding the Lowest Common Multiples of a pair of numbers. - Use formal methods for addition, subtraction, multiplication and division fluently including increasingly complex decimals. - Explore and understand rules for adding and subtracting positive and negative integers. - Use and apply BIDMAS to the number system, ensuring the calculations are carried out in order. - Round any number to any specified degree of accuracy, including decimals and measures. - Understand the concept of percentages and use this to find percentages of a quantity. - Compare the result of two percentage calculations. For example 15% of 40 and 10% of 50. - Understand the interrelated nature of fractions, decimals and percentages, converting between them and ordering with increasing fluency. - Add, subtract and multiply fractions fluently.	By the end of year 7 a child should be increasingly fluent in making meaningful connections between different mathematical concepts and apply them readily. A child should understand and solve a variety of algebraic equations; understanding how to manipulate expressions and equations fluently. A child is applying formulas and known rules to geometry and measures problems to find information.
Algebra	- Use and interpret algebraic notation including ab ($a \times b$) $3y$ ($3 \times y$), substituting numerical values into formula to find the value of an equation. - Combine variables within an equation or expression and simplify by collecting like terms. - Recognise and use the relationships between operations and use inverse to change the subject of a formula. - Use and interpret bracket notation with algebraic equations, multiplying out a single bracket. - Plot a linear function on a graph from an equation and interpret mathematically. - Understand linear sequences and finding a formula to solve the next and nth terms.	
Geometry & Measures	Use the properties and vocabulary of 3D shapes and their nets to solve problems. - Calculate the area and perimeter of a variety of 2D and compound shapes, including triangles using a formula. - Represent 3D shapes in 2D. - Work with shapes on a 4 quadrant grid to translate, reflect and rotate in any direction or plane. - Use a ruler and a protractor to draw accurately. - Recognise, describe and name all common 2D shapes and apply angle facts to solve a variety of problems. - Understand and use place value when using different measures of length, mass, time and volume changing freely between different units of metric measures.	
Statistics	- Create, use and interpret a variety of different tables and graphs to observe and analyse statistical information including; stem and leaf diagrams, vertical line charts and pie charts. - Use the mode, median, mean and range fluently to compare, describe and analyse groups of data.	

Ratio, proportion and rate of change	- Understand and use ratio notation, including reducing it to its simplest form. - Understand a relationship between two quantities and use this information to solve problems involving direct proportion.	
Probability	- Record, describe and analyse the frequency of outcomes of simple probability experiments; understanding that the sum of all possible outcomes equals 1.	



Area of English	Key Performance Indicator	Age Related Expectations
Speaking & Listening	- Talks and listens confidently in many different situations, including some formal situations. - Considers the audience to make sure what is being said is appropriate. - Interests listeners by varying expression and vocabulary. - Listens to others very carefully and ask questions to help develop their ideas. - Can perform a scripted scene making use of some dramatic techniques such as thought tracking and hot seating. use different dramatic techniques to convey action, character, atmosphere and tension - Can devise a performance considering how to adapt the performance for a specific audience. - Reflects on and evaluates their own presentations and those of others.	A child should speak confidently and effectively through using Standard English confidently in a range of formal and informal contexts, including classroom discussion. They should give short speeches and presentations, expressing their own ideas and keeping to the point. They are able to improvise, rehearse and perform play scripts and poetry in order to generate language and discuss language use and meaning.
Reading	-Maintains a positive attitude to reading and recommends books to their peers, giving reasons for their choice. Identifies and comments on relevant points, information, ideas and events in texts supported by using some quotations. - Makes correct inferences based on evidence from more than one place in the text. - Learns new vocabulary and understands it with the help of context and a dictionary. - Recognises a range of poetic conventions and can comment on how they have been used.	A child should be able to choose and read books independently for challenge, interest and enjoyment. A child should be able to understand increasingly challenging texts. They should read critically and make comparisons across texts.

Writing (composition)	- Identifies the audience for and purpose of, the writing. - Plans writing by developing initial ideas, drawing on reading and research if needed. - Writes clearly and appropriately for the audience and purpose. - Writes using a variety of sentence lengths, structures and subjects and select the most appropriate type for the task. - Uses a wide range of devices to build cohesion within paragraphs. - Uses expanded phrases and clauses to add detail and precision. - Can make changes to vocabulary and punctuation to enhance effects and clarify meaning. - Can establish and maintain a straightforward viewpoint. - Sequences ideas with direction and control. - Uses figurative language to develop descriptions.	By the end of year 7 a child should be increasingly able to write accurately, fluently, effectively and at length for pleasure. This will include non-fiction texts, stories and other imaginative writing. A child should understand how to organise information and ideas, using structural and grammatical features to support coherence and cohesion of texts. They should plan, draft, edit and proof-read through considering how their writing reflects the audience and purpose for which it was intended.
Writing (vocab, punctuation & grammar)	- Moves between levels of formality through selecting vocabulary precisely. Understands the different situations for using Standard and other varieties of English. - Selects the appropriate vocabulary to change and enhance meaning. - Applies the full range of punctuation taught at key stage 2 including brackets, colons, semi-colons and dashes. - Uses the subjunctive form when writing in a formal style. - Understands the use of the passive to affect the presentation of information in a sentence.	A child is applying their growing knowledge of vocabulary, grammar and text structure to their writing and selecting the appropriate form.
Transcription & Spelling	- Can spell words with complex suffix formations (especially, responsible, probably). - Knows the spelling of some words needs to be learnt specifically. - Uses a variety of strategies for spelling that can be applied to previously unseen words. - Can spell high frequency words with unstressed vowels (definitely, interesting, business) - Uses prefixes and suffixes accurately.	A child is applying the spelling patterns and rules learnt in KS1 & KS2. They maintain legibility, fluency and speed in handwriting.