

GROUP CLASS

LONG-TERM

CURRICULUM PLANS





11+ ENGLISH - TOPIC LIST

PLEASE NOTE: **ADVANCED CLASSES** WILL HAVE SIGNIFICANTLY MORE PAST-PAPER WALK THROUGH SESSIONS.

Comprehension

We will study:

Modern Fiction from well-known authors.

Non-fiction texts: biographies, autobiographies, newspaper articles, diary entries, book reviews, magazine articles, website blogs, letters and leaflets.

Pre-19th Century Texts

Poetry

Exploring question types: inferential, retrieval, vocabulary, prediction, summarising, opinion, effect and author's choice.

Questions will be presented in multiple-choice format and long-written, using point, evidence, explain and link.

Creative Writing

We will look at the features of:

Letters, diary entries, reports, blogs, stories, speeches and descriptions.

Students will also write pieces based upon:

a picture stimulus, given title, from another character's perspective or a continuation of a fictional extract.

We will discover how to create a character and a setting and will look at literary devices: similes, hyperbole, alliteration, metaphors, personification, onomatopoeia and oxymorons. Students will learn to enhance their creative writing by using 'show, not tell' and direct speech.

Spelling, Punctuation & Grammar

Latin and greek root words, prefixes and suffixes, common letter strings - tion, sion, ough, ight, ould.

Idioms and their meanings. Spot the spelling mistake, punctuation mistake or a mistake with capital letters.

Past, present and future tense, main and subordinate clauses, the use of commas, embedded clauses, apostrophes for possession and omission, formal and informal and active and passive voice.

Word classes: nouns (common, abstract, collective and proper), adjectives, verbs (including modal verbs), adverbs, prepositions, pronouns, conjunctions and determiners.

We will explore adventurous vocabulary choices and revise their synonyms and antonyms.



11+ MATHEMATICS - TOPIC LIST

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Number and Place Value

Writing, ordering and comparing numbers up to 10,000,000, rounding (including decimals), negative numbers and number problems.
Adding, subtracting, multiplying and dividing both mentally and written.
Reading and writing Roman numerals.

Special numbers: prime, composite, square, cube, triangular and The Fibonacci Sequence.
Common factors and multiples.

Fractions, Decimals and Percentages

Fractions, decimals and percentages: Simplifying, equivalent, adding, subtracting, multiplying and dividing.

Converting between fractions, decimals and percentages.
Fractions, decimals and percentages represented pictorially.

Ratio & Proportion Algebra

Ratio: Solving problems involving ratio and proportion, recipe questions, sharing ratio and simplifying ratio.

Algebra: Linear sequences, numbers as pictures, magic squares, finding x , finding more than one unknown and using formulas.

Measurement, Geometry & Statistics

Measurement: reading scales that measure length, mass and volume.
Converting measurements.
Analogue and digital time/clocks (including 24-hour), units of time, area and perimeter of shapes including: rectangles, triangles and compound shapes.
Volume of cubes and cuboids.
Problems involving money and conversion.

Geometry: comparing and naming angles, 2D and 3D shape, finding missing angles, angles in 2D shapes.
Reflection, rotation and translation.
Co-ordinates and 4 quadrants.

Statistics: Pie charts, line graphs, scattergraphs, bar charts and timetables. Averages and probability, mean, median, mode and range.



11+ VERBAL AND NON-VERBAL REASONING - TOPIC LIST

PLEASE NOTE: **ADVANCED CLASSES** WILL HAVE SIGNIFICANTLY MORE PAST-PAPER WALK THROUGH SESSIONS.

Verbal Reasoning

Word Building: hidden words, word pairs, word ladders, missing letters, forming words, word rules, moving letters, compound words, word pairs and anagrams.

Word Meanings: more than one meaning, odd ones out, word connections, synonyms, antonyms, word order and rhyming synonyms.

Codes and Mathematics: Connections, letter-word codes, number-word codes, fact reasoning, riddles, word grids, number sequences, number relationships and letter sequences.

Alphabet and Sequences: Positioning, order, identifying and letter sequences.

These will be presented in a variety of ways from a multiple-choice format to a more investigative method.

Non-Verbal Reasoning (including Spatial Reasoning)

We will encourage students to look for key patterns and themes across all question types including: shape, size, shading, colour, movement, position, lines, direction, rotation and number.

Non-Verbal Reasoning: find the figure like the first two/three, complete the series, vertical and horizontal code, complete the pair, shape within a pattern, reflection, rotation, odd ones out, complete the grid/matrices, shaded and partial nets and cubes.

Spatial Reasoning: building blocks, complete the shape, 3D rotation, fold along the line, fold and punch, connecting shapes, hidden shapes, 2D views and different views of 3D shapes and cube views.