



# School of Knowledge

(St. Mary's group of schools)

## SYLLABUS FOR ENTRANCE TEST

| YEAR 1         |  |
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| <b>ENGLISH</b> | <ul style="list-style-type: none"><li>• Sequence a-z</li><li>• Sequence A-Z</li><li>• Read and write 3 letter words &amp; Activities related to it (Write the missing phoneme for the given picture, write the correct word for the given picture, Circle the correct word for the picture)</li></ul>  |
| <b>MATH</b>    | <ul style="list-style-type: none"><li>➢ Numbers 1-20</li><li>➢ Activities related to it<ul style="list-style-type: none"><li>▪ Sequence 1-20</li><li>▪ Missing Numbers 1-20</li><li>▪ What comes After 1-20</li><li>▪ Count the objects and write the correct number -1-20</li><li>▪ Number names 1-10</li><li>▪ Pictorial Addition</li><li>▪ Shapes</li></ul></li></ul>   |
| YEAR 2         |  |
| <b>ENGLISH</b> | <ul style="list-style-type: none"><li>❖ <b>READING:</b><ul style="list-style-type: none"><li>• Comprehension: Identifying the main characters, setting of the story</li></ul></li><li>❖ <b>GRAMMAR:</b><ul style="list-style-type: none"><li>• Articles (a/ an), Prepositions (in, on, under),</li><li>• Punctuation: Full stop(.), comma (,), exclamation mark(!)</li></ul></li><li>❖ <b>WRITING:</b><ul style="list-style-type: none"><li>• Picture sequencing, Picture description in sentences</li></ul></li></ul>   |
| <b>MATH</b>    | <ul style="list-style-type: none"><li>➢ <b>NUMBER SKILLS:</b> Count forwards and backwards to and from 100, starting at any number -Identify missing numbers up to 100.</li><li>➢ <b>ADDITION AND SUBTRACTION:</b> involving number bonds up to and including 20.</li><li>➢ <b>FRACTIONS /TIME:</b> Identify <math>\frac{1}{2}</math>, 1/4th of a shape ; Identify 'o'clock</li></ul>  |
| YEAR 3         |  |
| <b>ENGLISH</b> | <ul style="list-style-type: none"><li>❖ <b>READING</b><br/><b>Comprehension:</b><ul style="list-style-type: none"><li>• Predicting what might happen next</li><li>• Characters of the story</li><li>• Discussing about the setting of the story</li><li>• Giving a suitable title for the text</li><li>• Explaining the meaning of the word from the context</li></ul></li><li>❖ <b>GRAMMAR:</b><ul style="list-style-type: none"><li>• Capital letters, full stop (.), exclamation mark (!)</li><li>• Verbs, Adjectives , adding suffixes -s,-ed ,-ing ,-es</li></ul></li><li>❖ <b>WRITING:</b><ul style="list-style-type: none"><li>• Rearranging the events in sequence , Instructional text, picture description</li></ul></li></ul> |

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| <b>MATH</b> | <ul style="list-style-type: none"> <li>➤ <b>NUMBER SKILLS:</b> Place value of 2 and 3 digit numbers; compare two digit numbers using symbols.</li> <li>➤ <b>ADDITION AND SUBTRACTION:</b> Add and subtract 2 digit numbers</li> <li>➤ <b>FRACTIONS /TIME:</b> Recognise, work out and name <math>\frac{1}{4}</math>, <math>\frac{1}{2}</math>, <math>\frac{3}{4}</math> of objects and shapes; Read and write the time in 0' clock, half past, Quarter past, Quarter to.</li> </ul> |
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#### **YEAR 4**

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| <b>ENGLISH</b> | <ul style="list-style-type: none"> <li>❖ <b>READING:</b> <ul style="list-style-type: none"> <li><b>Comprehension</b> <ul style="list-style-type: none"> <li>• Answer simple questions about a character, event or piece of information.</li> <li>• Use context to infer the meaning of unfamiliar words.</li> <li>• Infer a character's feelings from information given in a text</li> <li>• Predict what might happen at the end of a short story or other text.</li> </ul> </li> </ul> </li> <li>❖ <b>GRAMMAR:</b> <ul style="list-style-type: none"> <li>• Full stop(.), question mark(?), exclamation mark(!), use of comma (,), use of capital letters, Nouns (proper and common nouns), Adjectives, Pronouns, Verbs (regular and irregular verbs), Adverbs (-ly words), Conjunctions (so, or, but, because, and), present tense and past tense, Articles (a / an), Prefix ('un') and Suffixes (-s , -ed , -ing )</li> </ul> </li> <li>❖ <b>WRITING:</b> <ul style="list-style-type: none"> <li>• Creative writing</li> <li>• Paragraph writing</li> <li>• Picture sequencing by writing simple sentences about each one to tell a story</li> </ul> </li> </ul> |
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| <b>MATH</b> | <ul style="list-style-type: none"> <li>➤ <b>NUMBER SKILLS:</b> Recognize the place value of each digit in a 3-digit number. Compare numbers using symbols</li> <li>➤ <b>ADDITION AND SUBTRACTION:</b> Add AND subtract numbers with up to three digits.</li> <li>➤ <b>FRACTIONS:</b> Compare and order unit fractions, and compare and order fractions with the same denominators. Tables of 2 , 3 ,4 , 5 ,10</li> </ul> |
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#### **YEAR 5**

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| <b>ENGLISH</b> | <ul style="list-style-type: none"> <li>❖ <b>READING</b> <ul style="list-style-type: none"> <li>• <b>Comprehension:</b> Questions on extracts from fiction and non-fiction texts will be given to assess pupils' comprehension and understanding of ideas, events, situations, characters, vocabulary, grammar, punctuation.           <ul style="list-style-type: none"> <li>• Identifying and explaining main ideas, moral of the story</li> <li>• Summarizing ideas using own words</li> <li>• Deducing and inferring information, ideas, characters' feelings, thoughts and reasons for actions with examples from the texts.</li> <li>• Expressing opinions and preferences about characters, situations, events with evidence from the texts.</li> <li>• Predicting what might happen from details in the texts read</li> <li>• Explain the meaning of words from context</li> </ul> </li> </ul> </li> <li>❖ <b>GRAMMAR :</b> <ul style="list-style-type: none"> <li>• Punctuations, nouns, pronouns, verbs, adverbs, prepositions, conjunctions, adjectives, present tense, past tense, future tense, Types of sentences – (statements, questions, imperative sentences, exclamatory sentences)</li> </ul> </li> </ul> |
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|                    | <p>❖ <b>WRITING:</b></p> <ul style="list-style-type: none"> <li>• Picture Composition</li> <li>• Letter writing - formal and informal letter</li> <li>• Paragraph writing</li> <li>• Diary entry</li> </ul>  |
| <b><u>MATH</u></b> | <p>➤ <b>NUMBER SKILLS</b></p> <ul style="list-style-type: none"> <li>▪ Numbers 1- 100 00. Compare numbers using symbols</li> <li>Decimals (1 dp) • Place value</li> </ul> <p>➤ <b>ADDITION AND SUBTRACTIONS:</b></p> <ul style="list-style-type: none"> <li>▪ Add AND subtract numbers with up to FOUR digits, using formal written methods of column Simple word problems.</li> </ul> <p>➤ <b>FRACTIONS:</b></p> <ul style="list-style-type: none"> <li>▪ Equivalent fractions Addition &amp; subtraction of like fractions</li> </ul> <p>➤ <b>MEASURE/TIME:</b></p> <ul style="list-style-type: none"> <li>▪ Units of length, weight and capacity Reading time 12 hour and 24 hour clock</li> <li>SHAPES</li> <li>▪ Area and perimeter of squares, rectangles.</li> </ul> <p>➤ <b>MULTIPLICATION/DIVISION</b></p> <ul style="list-style-type: none"> <li>▪ Tables 2,3,4,5,6,7,8,9</li> <li>▪ Multiplication of 3 digit by 1 digit .</li> <li>▪ Division of 3 digits by 1 digit.</li> </ul> |

## YEAR 6

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| <b>ENGLISH</b> | <p>❖ <b>READING</b></p> <ul style="list-style-type: none"> <li>• <b>Comprehension</b> : Questions on extracts of fiction ( imaginative/not real) or non-fiction (real or factual) texts will be given to assess pupils comprehension and understanding of ideas, events, situations, characters, vocabulary, grammar, punctuation, writer's use of language to create mood, atmosphere, settings, characters. <ul style="list-style-type: none"> <li>• Justifying inferences with examples from the given texts.</li> <li>• Expressing opinions and preferences about characters, situations, events with evidence from the texts</li> <li>• Predicting what might happen from details in the texts read.</li> <li>• Explaining writer's use of figurative language - simile, metaphor, personification, alliteration</li> <li>• Explaining writer's description of atmosphere, settings and characters.</li> <li>• Explain the meaning of words from context.</li> </ul> </li> </ul> <p>❖ <b>GRAMMAR</b> :</p> <ul style="list-style-type: none"> <li>• Punctuations, nouns, pronouns, verbs, auxiliary verbs, adverbs, prepositions, conjunctions, adjectives, present tense, past tense, future tense, Active and passive voice, Direct and reported (indirect) speech, Types of sentences – (statements, questions, imperative sentences, exclamatory sentences.)</li> </ul> <p>❖ <b>WRITING</b></p> <ul style="list-style-type: none"> <li>• Autobiography /Biography</li> <li>• Diary entry describing their experiences, their thoughts, feelings about a given situation</li> <li>• Letter writing - formal and informal letter</li> </ul> |
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| <b><u>MATH</u></b> | <ul style="list-style-type: none"> <li>➤ <b>NUMBER SKILLS:</b> <ul style="list-style-type: none"> <li>▪ Numbers 1- 100 000</li> <li>▪ Four operations</li> <li>▪ Decimals (2 dp) ▪ Place value.</li> </ul> </li> <li>➤ <b>ADDITION AND SUBTRACTIONS:</b> <ul style="list-style-type: none"> <li>▪ Addition &amp; subtraction of whole numbers &amp; decimal numbers upto two decimal places.</li> <li>▪ Addition &amp; subtraction of whole numbers &amp; decimal numbers upto two decimal places.</li> </ul> </li> <li>➤ <b>FRACTIONS:</b> <ul style="list-style-type: none"> <li>▪ Equivalent fractions</li> <li>▪ Addition &amp; subtraction of unlike fractions</li> <li>▪ Fractions of an amount</li> <li>▪ Conversion of fractions, decimals &amp; percentages.</li> </ul> </li> <li>➤ <b>SHAPES:</b> <ul style="list-style-type: none"> <li>▪ 2D and 3D shapes (identifying)</li> <li>▪ Area and perimeter of squares, rectangles</li> <li>▪ Lines of symmetry Lines and angles. (Measuring and drawing all types of angles)</li> <li>▪ Plotting coordinates (First quadrant)</li> </ul> </li> <li>➤ <b>MULTIPLICATION/DIVISION:</b> <ul style="list-style-type: none"> <li>▪ Multiplication and division of whole numbers up to 4 digits and decimal numbers upto 1 decimal place</li> </ul> </li> <li>➤ <b>STATISTICS:</b> <ul style="list-style-type: none"> <li>▪ Handling data Pictogram</li> </ul> </li> </ul> <p>TALLY CHART. Interpret bar chart.</p> |
| <b>YEAR 7</b>      |  |
| <b>ENGLISH</b>     | <ul style="list-style-type: none"> <li>❖ <b>READING:</b> <ul style="list-style-type: none"> <li>• <b>Comprehension:</b> Questions on extracts from fiction (imaginative/not real) or non-fiction (real or factual) texts will be given to assess pupils comprehension and understanding of ideas, events, situations, characters, vocabulary, grammar, punctuation. Writer's use of language and literary techniques to create various effects <ul style="list-style-type: none"> <li>• Summarizing ideas using own words</li> <li>• Justifying inferences with examples from the given texts.</li> <li>• Expressing opinions and preferences about characters, situations, events with evidence from the texts.</li> <li>• Explaining the meaning of words from context.</li> <li>• Explaining writer's use of figurative language - simile, metaphor, personification, alliteration</li> </ul> </li> </ul> </li> <li>❖ <b>GRAMMAR:</b> <ul style="list-style-type: none"> <li>• Nouns, Pronouns, Verbs, Adverbs, Prepositions, Conjunctions, Adjectives, Present tense, past tense, future tense, Active and passive voice.</li> <li>• Types of sentences – (statements, questions, imperative sentences, exclamatory sentences), Suffixes and Prefixes, Apostrophe &amp; inverted commas or speech marks (direct speech).</li> </ul> </li> </ul>  |

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|                    | <ul style="list-style-type: none"> <li>❖ <b>WRITING</b> <ul style="list-style-type: none"> <li>• Writing about personal experiences; autobiographical recounts.</li> <li>• Diary entry</li> <li>• Summary writing</li> <li>• Descriptive writing</li> </ul> </li> </ul>   |
| <b><u>MATH</u></b> | <ul style="list-style-type: none"> <li>➤ <b>NUMBER SKILLS:</b> <ul style="list-style-type: none"> <li>▪ Place value of 7 digit numbers.</li> <li>▪ Decimal numbers upto 3 decimal place</li> <li>▪ Factors, multiples Prime factorization All four operations</li> </ul> </li> <li>➤ <b>ADDITION AND SUBTRACTION:</b> <ul style="list-style-type: none"> <li>▪ Addition &amp; subtraction of whole numbers &amp; decimal numbers up to two decimal places.</li> </ul> </li> <li>➤ <b>FRACTIONS:</b> <ul style="list-style-type: none"> <li>▪ Equivalent fractions.</li> <li>▪ Addition, subtraction &amp; multiplication</li> <li>▪ Fractions of an amount</li> <li>▪ Decimal place values</li> <li>▪ Addition, subtraction &amp; multiplication</li> </ul> </li> <li>➤ <b>ALGEBRA:</b> <ul style="list-style-type: none"> <li>▪ Solving simple linear equations.</li> <li>▪ Substituting values</li> </ul> </li> <li>➤ <b>SHAPE:</b> <ul style="list-style-type: none"> <li>▪ Draw circle. Measure and draw angles.</li> </ul> </li> <li>➤ <b>MULTIPLICATION/DIVISION:</b> <ul style="list-style-type: none"> <li>▪ Multiplication and division of whole numbers up to 5 digits and decimal numbers upto 1 decimal place</li> </ul> </li> <li>➤ <b>STATISTICS:</b> <ul style="list-style-type: none"> <li>• Mean, median, mode, range from a raw data Pictogram</li> <li>• Tally chart Bar graph Line graph</li> <li>Plotting coordinates in all four quadrants</li> </ul> </li> </ul> |

## YEAR 8

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| <b>ENGLISH</b> | <ul style="list-style-type: none"> <li>❖ <b>COMPREHENSION:</b> <ul style="list-style-type: none"> <li>• Unseen Passage</li> </ul> </li> <li>❖ <b>SHARPEN YOUR SKILLS- GRAMMAR</b> <ul style="list-style-type: none"> <li>• Commas</li> <li>• Colons and semi-colons</li> <li>• Adverbials for comparison</li> <li>• Linking with adverbials</li> <li>• Imperative Verbs</li> <li>• <u>Transformation of Sentences</u>- Simple, Compound and complex</li> <li>• Direct and Indirect Speech</li> <li>• Phrases and Clauses</li> <li>• Idiomatic expressions</li> <li>• Subject and verbs in English</li> </ul> </li> </ul> |
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|                    | <p>❖ <b>COMPOSITION:</b></p> <ul style="list-style-type: none"> <li>• Create and write a story opening</li> <li>• Create and write a story ending</li> <li>• Summary Writing</li> <li>• Essay Writing</li> </ul>   |
| <b><u>MATH</u></b> | <ul style="list-style-type: none"> <li>➢ The four operations (Addition, subtraction, multiplication and division)</li> <li>➢ Time</li> <li>➢ Handling data and charts</li> <li>➢ Fractions (Addition, subtraction, multiplication and division)</li> <li>➢ Decimals</li> <li>➢ Percentages</li> <li>➢ Area and perimeter of 2-D, 3-D shapes</li> <li>➢ Algebra (simplifying expressions and solving one step equation)</li> <li>➢ Ratio and proportion</li> <li>➢ Volume of a cube, cuboids and liters.</li> <li>➢ Finding missing angles of 2D shapes</li> <li>➢ Conversion of measuring units</li> <li>➢ Sequences (Find the nth term of the sequence)</li> </ul>  |
| <b>YEAR 9</b>      |  |
| <b>ENGLISH</b>     | <p>❖ <b>COMPREHENSION:</b></p> <ul style="list-style-type: none"> <li>• Unseen Passage</li> <li>• Unseen Poem</li> </ul> <p>❖ <b>SHARPEN YOUR SKILLS- GRAMMAR</b></p> <ul style="list-style-type: none"> <li>• <u>Transformation of Sentences</u>- Simple, Compound and Complex</li> <li>• Relative Clauses</li> <li>• Determiners, pronouns and synonyms</li> <li>• Non-finite Clauses</li> <li>• Homophones</li> <li>• Comma Splices</li> <li>• Using Semi- colons</li> <li>• Modal Verbs</li> <li>• Apostrophes</li> <li>• Noun Phrases</li> </ul> <p>❖ <b>COMPOSITION:</b></p> <ul style="list-style-type: none"> <li>• Essay Writing</li> <li>• Narrative Essay Writing</li> <li>• Planning an Article</li> </ul> |
| <b><u>MATH</u></b> | <ul style="list-style-type: none"> <li>➢ The four operations and order of numbers</li> <li>➢ Time</li> <li>➢ Handling data and charts</li> <li>➢ Fractions (Addition, subtraction, multiplication and division)</li> <li>➢ Decimals</li> <li>➢ Percentages</li> <li>➢ Ratio and Proportion</li> <li>➢ Indices</li> <li>➢ Changing the subject of a formula</li> </ul>  |

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|  | <ul style="list-style-type: none"><li>➤ Finding the value of an algebraic expression</li><li>➤ Finding the values of unknown</li><li>➤ Area and perimeter of 2-D, 3-D shapes and types of angles</li><li>➤ Angles in parallel lines</li><li>➤ Conversion of measuring units</li><li>➤ Sequences</li><li>➤ Mean median and mode</li><li>➤ Stem and leaf • Line of best fit</li></ul> |
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