SELECTIVE SCHOOL EXAM PREPARATION

120 topics | 4 skills

your roadmap to success

Reading + Writing + Mathematical Reasoning + Thinking Skills

1

Reading Skills

Understand, analyse and enjoy every kind of text

30 TOPICS

2

Writing Skills

Plan, craft and polish writing that stands out

30 TOPICS

3

Mathematical Reasoning

Think through numbers, shapes and data with confidence

30 TOPICS

4

Thinking Skills

Sharpen critical, logical and abstract reasoning

30 TOPICS

1

Reading Skills

Understand, analyse and enjoy every kind of text

30 KEY TOPICS

HOME

1. **Main Idea & Theme** — find the central message
2. **Supporting Details** — evidence from the text
3. **Inference** — read between the lines
4. **Author's Purpose** — inform, persuade, entertain
5. **Tone & Mood** — the feeling behind the words
6. **Vocabulary in Context** — decode unknown words
7. **Synonyms & Antonyms** — similar and opposite meanings
8. **Figurative Language** — simile, metaphor, personification
9. **Idioms & Expressions** — meaning beyond the literal
10. **Character Analysis** — traits, motives and change
11. **Setting & Atmosphere** — place, time and feeling
12. **Plot Structure** — beginning to resolution
13. **Point of View** — the narrator's lens
14. **Sequencing Events** — what happens and when
15. **Cause & Effect** — why things happen
16. **Compare & Contrast** — similarities and differences
17. **Fact vs Opinion** — spot the difference
18. **Poetry Comprehension** — imagery, rhythm, meaning
19. **Persuasive Texts** — claims and techniques
20. **Informational Texts** — headings, captions, facts
21. **Narrative Extracts** — story passages
22. **Visual Texts** — images, charts, posters
23. **Summarising** — key points in few words
24. **Making Predictions** — what comes next?
25. **Text Structure** — how paragraphs fit together
26. **Language Devices** — alliteration, repetition, contrast
27. **Reference Words** — pronouns and linking words
28. **Drawing Conclusions** — evidence-based judgements
29. **Bias & Perspective** — question the author
30. **Timed Reading Strategies** — skim, scan, manage time

2

Writing Skills

Plan, craft and polish writing that stands out

30 KEY TOPICS

HOME

1. **Understanding the Prompt** — decode what is asked
2. **Planning & Brainstorming** — ideas before words
3. **Narrative Structure** — orientation to resolution
4. **Strong Openings** — hook the reader fast
5. **Memorable Endings** — finish with impact
6. **Character Development** — show who they are
7. **Setting Description** — paint the scene
8. **Show, Don't Tell** — use sensory detail
9. **Dialogue & Punctuation** — speech that sounds real
10. **Persuasive Writing** — argue with purpose
11. **Persuasive Techniques** — rhetorical questions, evidence
12. **Expository Writing** — explain clearly
13. **Descriptive Writing** — vivid imagery
14. **Imaginative Writing** — original ideas and twists
15. **Paragraphing** — one idea per paragraph
16. **Sentence Variety** — simple, compound, complex
17. **Vocabulary Enrichment** — precise word choice
18. **Figurative Writing** — similes and metaphors
19. **Tenses & Consistency** — keep verbs aligned
20. **Punctuation Mastery** — commas, semicolons, apostrophes
21. **Spelling Strategies** — tricky and common words
22. **Grammar Essentials** — agreement and clauses
23. **Cohesion & Linking** — connectives and transitions
24. **Voice & Tone** — match style to purpose
25. **Point of View in Writing** — first vs third person
26. **Pace & Tension** — build suspense
27. **Editing & Proofreading** — polish your draft
28. **Handwriting & Presentation** — neat and legible
29. **Time Management** — plan, write, check
30. **Responding to Stimulus** — image and quote prompts

3 Mathematical Reasoning

Think through numbers, shapes and data with confidence

30 KEY TOPICS

HOME

1. **Number & Place Value** — large numbers, rounding
2. **Four Operations** — + - x / in word problems
3. **Order of Operations** — BODMAS
4. **Fractions** — equivalent, compare, operate
5. **Decimals** — place value and operations
6. **Percentages** — discounts and increases
7. **Ratio & Proportion** — share and scale
8. **Rates & Speed** — distance, speed, time
9. **Factors & Multiples** — HCF and LCM
10. **Primes & Divisibility** — tests and rules
11. **Patterns & Sequences** — find the rule
12. **Algebraic Thinking** — unknowns and equations
13. **Money & Finance** — change, profit, budgets
14. **Time & Timetables** — 24-hour clock, durations
15. **Perimeter & Area** — 2D measurement
16. **Volume & Capacity** — 3D measurement
17. **Mass & Unit Conversion** — g, kg, mL, L, cm, m
18. **2D Shapes** — properties and classes
19. **3D Shapes** — faces, edges, nets
20. **Angles** — types and calculations
21. **Symmetry & Transformation** — reflect, rotate, translate
22. **Coordinates & Maps** — grids and position
23. **Data & Graphs** — read and compare charts
24. **Averages** — mean, median, mode
25. **Probability** — chance and likelihood
26. **Number Puzzles** — magic squares, logic grids
27. **Multi-step Problems** — break it into steps
28. **Estimation** — is my answer reasonable?
29. **Working Backwards** — reverse the problem
30. **Exam Strategies** — timing and elimination

4 Thinking Skills

Sharpen critical, logical and abstract reasoning

30 KEY TOPICS

HOME

1. **Analogies** — relationships between pairs
2. **Odd One Out** — classify and group
3. **Number Series** — complete the sequence
4. **Letter Patterns** — alphabet sequences
5. **Coded Messages** — ciphers and substitutions
6. **Logical Deduction** — if-then reasoning
7. **Syllogisms** — all, some, none
8. **Conditional Reasoning** — rules and exceptions
9. **Critical Analysis** — evaluate arguments
10. **Hidden Assumptions** — what is taken for granted?
11. **Strengthen & Weaken** — test an argument
12. **Valid Conclusions** — what must be true?
13. **Spatial Reasoning** — visualise in 3D
14. **Rotation & Reflection** — mental transformations
15. **Paper Folding & Cutting** — predict the unfolded shape
16. **Nets & Cubes** — fold 2D into 3D
17. **Visual Patterns** — abstract sequences
18. **Matrix Puzzles** — rows and columns
19. **Venn Diagrams** — overlapping sets
20. **Ordering & Ranking** — who is tallest, fastest?
21. **Seating Arrangements** — position puzzles
22. **Calendar & Date Logic** — days, weeks, months
23. **Verbal Reasoning** — word relationships
24. **Logic Grids** — match clues to answers
25. **Data Interpretation** — tables and charts
26. **Hidden Shapes** — count and find
27. **Combinations** — counting the ways
28. **Problem-solving Strategies** — draw, guess-check, list
29. **Smart Elimination** — multiple-choice tactics
30. **Speed & Accuracy** — timed practice