



Year 7 Entrance Exam

General Information

The Entrance Examination for English speaking children is based on the **English** and **Mathematics** curriculum taught in Class 6 of English Primary Schools.

- The Mathematics examination is **1 hour and 30 minutes**.
- The English examination is **1 hour and 30 minutes**.

Exam Date and Duration

DATE	TIME	SUBJECT	MARKS
25 MAY 2024 SATURDAY	FIRST PERIOD 09:30-10:45	MATHEMATICS	50 p
	SECOND PERIOD 11:15-13:00	ENGLISH	50 p





Exam Content

The exams will cover the following topics.

Subject	Topics	Number Marks
Mathematics	Place Value Numbers to 10,000 Numbers to 100,000 Numbers to a million Numbers to 10 million Compare and order any numbers Round numbers to 10, 100 and 1,000 Negative numbers Four Operations Add whole numbers with more than 4 digits (column method) Subtract whole numbers with more than 4 digits (column method) Inverse operations (addition and subtraction) Multi-step addition and subtraction problems Multiply 4-digits by 1-digit Multiply 2-digits by 2-digits Multiply 3-digits by 2-digits Multiply up to a 4-digit number by a 2-digit number Divide 4-digits by 1-digit Divide with remainders Short division Long division Common factors Common multiples Primes to 100 Squares and cubes Order of operations (BIDMAS) Fractions Equivalent fractions	50



Simplify fractions
Improper fractions to mixed numbers
Mixed numbers to improper fractions
Fractions on a number line
Compare and order (denominator)
Compare and order (numerator)
Add and subtract fractions
Add mixed numbers
Add fractions
Subtract mixed numbers
Subtract fractions
Multiply fractions by integers
Multiply fractions by fractions
Divide fractions by integers
Fraction of an amount
Fraction of an amount - find the whole

Decimals

Decimals up to 2 d.p.
Understand thousandths
Three decimal places
Multiply by 10, 100 and 1,000
Divide by 10, 100 and 1,000
Multiply decimals by integers
Divide decimals by integers
Decimals as fractions
Fractions to decimals
Fractions to decimals

Percentages

Understand percentages
Fractions to percentages
Equivalent FDP
Order FDP
Percentage of an amount
Percentage of an amount
Percentages - missing values



	<p>Converting Units Metric measures Convert metric measures Calculate with metric measure Miles and kilometres Imperial measures</p> <p>Algebra</p> <p>Find a rule - one step function machines Find a rule - two step function machines Forming expressions Substitution Formulae Forming equations Solve simple one-step equations Solve two-step equations Find pairs of values</p>	
English	<p>Writing Fiction: various genres including science fiction, extended narratives, stories with flashbacks, including imagery. Non-fiction: a range of forms and impersonal writing including recounts (biography, autobiography, diaries), non-chronological reports (journalistic writing), explanations, arguments, discussions.</p> <ul style="list-style-type: none">• write effectively for a range of purposes and audiences, selecting language that shows good awareness of the reader (e.g. the use of the first person in a diary; direct address in instructions and persuasive writing)• in narratives, describe settings, characters and atmosphere• integrate dialogue in narratives to convey character and advance the action• select vocabulary and grammatical structures that reflect what the writing requires, doing this mostly appropriately (e.g. using contracted forms in dialogues in narrative; using passive verbs to	50



	<p>affect how information is presented; using modal verbs to suggest degrees of possibility)</p> <ul style="list-style-type: none">• use a range of devices to build cohesion (e.g. conjunctions, adverbials of time and place, pronouns, synonyms) within and across paragraphs• use verb tenses consistently and correctly throughout their writing• use the range of punctuation (e.g. inverted commas and other punctuation to indicate direct speech)• spell correctly most words from the year 6 spelling list• <p>Reading</p> <ul style="list-style-type: none">• show an understanding of the meaning of vocabulary in context• retrieve key details and quotations from fiction and non-fiction to demonstrate understanding of character, events and information• provide developed explanations for key information and events and for characters' actions and motivations• accurately and selectively summarise main ideas, events, characters and information in fiction and non-fiction texts• make developed inferences drawing on evidence from the text• explain and justify inferences, providing evidence from the text to support reasoning• make developed predictions that are securely rooted in the text• identify / explain how the sequence of events in narrative fiction contributes to meaning as a whole• identify / explain how the choice of language enhances the meaning of texts	
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