

BIRLA BHARATI

Affiliated to CBSE

ADMISSION SYLLABUS 2024-25

LOWER KINDERGARTEN

- Conversation and Rhymes.
 - Identification of colours, animals and vegetables.
 - Counting and Recognition of numbers 1 to 10.
 - Recognition of Alphabet A to Z.
 - Any other question to make sure that the child can make connections based on his/her own little world.
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UPPER KINDERGARTEN

- Conversation and Rhymes.
 - Identification of colours, wild animals, farm animals, birds, fruits and vegetables.
 - Counting and Recognition of Numbers 1 to 30.
 - Identification of shapes as seen in a picture or an object shown.
 - Concept of Big-Small, Tall-Short, Up-Down.
 - Recognition and written knowledge of alphabet Aa-Zz.
 - Any other question to make sure that the child can make connections based on his/her own little world.
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CLASS I

ENGLISH:

- Fill in the blanks based on picture reading.
- Fill in the blanks with naming words (for example: doll, fish).
- Fill in the blanks with this / that (picture based).
- Matching animals with their babies and their sounds/calls.
- Fill in the blanks based on given word choice.
- Names of vegetables, colours, farm and wild animals.

MATHEMATICS:

- Addition of 2-digit numbers (without carry-over).
 - Subtraction of 2-digit numbers (without borrowing).
 - Write in words and in figures of Numbers 1-100.
 - Knowledge of before, after and in-between of given numbers.
 - Addition and subtraction based on picture counting.
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CLASS II

ENGLISH:

- Identifying the nouns and adjectives in a sentence.
- Fill in the blanks with suitable verbs & prepositions.

- Use articles: a, an, the in a sentence.
- Make sentences with given words.
- Write 5-7 sentences on a topic like Myself/My Favourite Family Member or Visit to Zoo

MATHEMATICS:

- Addition of 2-digit numbers with and without carry-over.
 - Subtraction of 2-digit numbers with and without borrowing.
 - Before, after, in-between numbers, ascending and descending order.
 - Choose the greatest and the smallest numbers.
 - Writing numbers in words and figures. (Up to 3 digit)
 - Simple word problems based on addition and subtraction.
 - Simple multiplication. Tables 2,3,4
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CLASS III

ENGLISH:

- Comprehension Passage.
- Knowledge of nouns, verbs, pronouns, singular/plural, articles & opposites
- Use of suitable prepositions/adjectives.
- Making sentences with given words.
- Writing 10 sentences on a given topic.

MATHEMATICS:

- Write in words and in figures up to 3 digits.
 - Knowledge of place value.
 - Addition and subtraction (up to 3 digits).
 - Multiplication with two digits. Tables 1 to 8
 - Division by a single digit number.
 - Simple word problems based on Addition & Subtraction and Multiplication.
 - To be able to tell the time of the clock.
 - Before, after and between of numbers
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CLASS IV

ENGLISH:

- Comprehension Passage.
- Knowledge of nouns and types of nouns, verbs, adjectives, prepositions, conjunctions, tenses : present and past, gender, singular-plural, opposite words
- Making Sentences with given words.
- Paragraph writing on a given topic.

MATHEMATICS:

- Knowledge of successors and predecessors of numbers.
- Addition, subtraction, multiplication and division problems and word problems.

- Writing of numbers in words and figures (up to 4-digits)
 - Knowledge of fractions.
 - Knowledge of relation of minutes and hours
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CLASS V

ENGLISH:

- Comprehension Passage.
- Making Sentences with given words.
- Use of suitable nouns, verbs, articles, adjectives, degrees of adjectives, adverbs, tenses, conjunctions and prepositions in sentences.
- Paragraph writing on a given topic.

MATHEMATICS:

- Addition, subtraction, multiplication and division problems & word problems.
 - Simplification (without bracket).
 - Knowledge of Fractions – Equivalent, types of fractions.
 - Idea of seconds, minutes and hours and their relation.
 - Multiples and factors till prime factorization.
 - Money in the form of word problems.
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CLASS VI

ENGLISH:

- Comprehension Passage.
- Composition /Paragraph writing
- Letter writing (informal)
- Grammar:
 - a. Articles
 - b. Subject and Predicate
 - c. Parts of Speech (Nouns, Verbs, Adjectives, Pronouns ,Adverbs and Prepositions
 - d. Tenses (simple past, present and future tense)
- Synonyms and Antonyms.6. Rearrangement of words into meaningful sentences.

MATHEMATICS:

- Operations on large numbers (multiplication and division)
 - Factors and multiples
 - Fractions (all kinds of basic operations)
 - Decimals
 - Profit and loss
 - Area and perimeter of plane figures (square and rectangle)
 - Unitary method
 - Angles
 - Triangles
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CLASS VII

ENGLISH

- Comprehension Passage.
- Composition / Weaving a story/ Description (Place, People or Events).
- Letter writing (informal)
- Grammar:
 - Sentences : kinds based on meaning
 - Subject –Verb Agreement
 - Parts of Speech (Nouns, Verbs, Adjectives, Adverbs, Pronouns, Conjunctions & Prepositions)
 - Tenses
- Synonyms and Antonyms.
- Rearrangement of words into meaningful sentences.

MATHEMATICS

- Integers
 - Fractions
 - Basic geometrical ideas
 - Algebra
 - Understanding elementary shapes
 - Decimals
 - Mensuration
 - Practical geometry (construction of angles with ruler and compass, bisection of angles, bisection of straight lines)
 - Ratio and proportion
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CLASS VIII

ENGLISH

- Comprehension Passage.
- Composition
- Letter writing (informal)
- Grammar:
 - a.Subject -Verb Agreement
 - b.Parts of Speech (Nouns, Verbs, Adjectives, Adverbs, Pronouns, Conjunctions, & Prepositions)
 - c.Tenses
 - d.Active and Passive Voice
- Synonyms and Antonyms
- Rearrangement of words into meaningful sentences.

MATHEMATICS

- Fractions and decimals
- Rational numbers
- Exponents
- Algebraic expressions (addition, subtraction, multiplication, division)
- Simple equations

- Lines and angles
 - Triangles (properties, congruency)
 - Commercial mathematics (ratio and proportion, unitary method, percentage, profit and loss, simple interest)
 - Area of plane figures (area and perimeter of rectangle, square, triangle)
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CLASS IX

ENGLISH

- WRITING AND READING SKILL
 - Letter Writing (formal and informal)
 - Composition
 - Comprehension
- GRAMMAR
 - Determiner
 - Verbs
 - Preposition
 - Conjunctions
 - Adjectives
 - Sentences (all kinds)
 - Voice
 - Direct and Indirect speech
 - Tenses

MATHEMATICS

- Exponents
 - Square roots
 - Algebraic identities: $(a + b)^2$, $(a - b)^2$, $(a^2 - b^2)$
 - Division algorithm
 - Factorization of algebraic expressions
 - Linear equations in one variable
 - Time and work
 - Percentage
 - Quadrilaterals
 - Mensuration:
 - area and perimeter of plane figures
 - volume and surface areas of cube, cuboid, cylinder, cone, sphere (simple applications)
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