

Entrance Syllabus

Class VII

HINDI:

1. अपठित गद्यांश
2. पर्यायवाची शब्द
3. विलोम शब्द
4. अनेक शब्दों के लिए एक शब्द
5. उपसर्ग
6. अनुच्छेद
7. पत्र

ENGLISH :-Comprehension, Letter writing (formal / informal) , Paragraph Writing Grammar Topics: Modals, Active and Passive Voice, Prepositions .

MATHS:-

1. Numbers:- Basics, Rounding off, Roman numbers. Indian and International system of numeration
 2. Whole Numbers:- Number line, Types (Even, Odd, Prime, Composite..... etc.) Properties of whole numbers.
 3. L.C.M & H.C.F:- Factors, Multiples, (Prime and All Factors)
- Shapes :- Straight line (drawing and Measuring), Angles, Perpendicular line Triangles,
4. Quadrilaterals, Polygons (Types and names), 3D Shapes (Face, Edge, Vertex)
 5. Integers:- Negative numbers, Number line, Ordering, Addition, Subtraction.
 6. Fractions:- Fractions on number line, Types, lowest form, equivalent, comparing, ordering, addition and subtraction.
 7. Decimal:- As fraction, conversion of Fraction No to decimal No and vice – versa, comparing, ordering, expanded form, addition and subtraction of decimals.
 8. Mensuration:- Perimeter and Area of Rectangle, Square
 9. Symmetry:- Line of symmetry, Figures with multiple lines of symmetry.
 10. Data Handling:- Organization, Pictograph, Bargraph

SCIENCE:-

Chapter – Food: Where Does It Come From?

Chapter – Components of Food

Chapter – Sorting Materials into Groups

Chapter – Separation of Substances

Chapter – Changes around Us

Chapter – Getting to Know Plants

Chapter – Body Movements

Chapter – The Living Organisms and Their Surroundings

Chapter – Motion and Measurement of Distances

Chapter – Light, Shadows and Reflections

Chapter – Electricity and Circuits