Syllabus

Class – VIII

Physics
- Electric current and its effect
- Motion and time
- Heat and Temperature
- Light
- Force and Pressure
- Sound
- Chemical Effect of current

Chemistry
- Physical and Chemical changes
- Water
- Synthetic Fiber and Plastic
- Metal and Non Metal

Biology
- Respiration in Organism
- Transportation in Plants and Animals
- Forest – Our life line
- Micro Organism
- Cell Structure and function
- Crop production and management

Maths
- Congruence of Triangles
- Factors and Decimals
- Integers
- Linear Equations in one Variable (Std – VII)
- Perimeter and Area
- Practical Geometry
- Visualizing solid shapes
- Linear Equations in one Variable (Std – VIII)
- Cubes and Cube Roots
- Exponents and Powers
- Rational Numbers
- Square and Square Roots
- Understanding Quadrilaterals

IQ
- Blood Relation
- Coding – Decoding
- Counting in Figure
- Cubes and Dice
- Direction Sense
- Embedded Figures
- Insert the Missing Character
- Mathematical Operation
- Mirror Image
- Nonverbal Series
- Number Ranking
- Series
- Venn – Diagram
- Water Image

Class – IX

Physics
- Light
- Natural Phenomenon
- Stars and Solar System
- Motion
- Force and NLM
- Gravitation

Chemistry
- Combustion and Flame
- Fossil Fuels (Coal, Petroleum and Natural Gas)
- Pollution of Air
- Is Matter Around us Pure
- Matter in our surroundings

Biology
- Conservation of Plants and Animals
- Crop Production and Management
- Micro Organism : Friend and Foe
- Reproduction and Reaching the age of adolescence
- Food production and Management
- Cell Structure and Function
- Tissue

Maths
- Algebraic Expression & Identities
- Comparing Quantity
- Cube and Cube Root
- Direct and Inverse Proportions
- Exponents and Power
- Mensuration
- Square and Square Roots
- Understanding Quadrilaterals
- Factorization
- Co-ordinate Geometry
- Number System
- Polynomial
- Linear Equation in one Variable
- Lines, Angles and Triangles

IQ
- Blood Relation
- Coding – Decoding
- Counting in Figure
- Cubes and Dice
- Direction Sense
- Embedded Figures
- Insert the Missing Character
- Letter Series
- Mathematical Operation
- Mirror Image
- Nonverbal Series
- Number Ranking
- Number Series
- Venn – Diagram
- Water Image

Class – X

Physics
- Motion
- Force
- Gravitation
- Sound
- Work Power and Energy
- Reflection of light
- Refraction of light
- Human Eye

Chemistry
- Atomic Structure
- Atoms and Molecules
- Acid Bases, Salts
- Chemical Reaction
- Metals and Non-Metals

Biology
- Diversity in living organism
- Natural Resources
- Why do we fall ill
- Nutrition
- Excretion
- Respiration
- Transportation in Animal
- Transportation in Plants

Maths
- Areas of Parallelograms and Triangles
- Polynomial (std-IX)
- Circles (std-IX)
- Heron's Formula
- Statistics
- Surface area and Volumes
- Lines, Angles, Triangles-Congruency & similarity of triangles and Quadrilaterals
- Number System
- Co-ordinate Geometry
- Polynomial (std-X)
- Introduction to Trigonometry
- Linear Equation in Two Variables
- Probability

IQ
- Blood Relation
- Calendar
- Clock
- Coding and Decoding
- Counting Figure
- Cubes and Dice
- Direction Sense
- Embedded Figure
- Mathematical Operation
- Missing Character
- Non-verbal Analogy
- Non-verbal Series
- Number Ranking
- Puzzle Test
- Sitting Arrangement
- Syllogism