

Syllabus – Foundation & Olympiads (Class VIII)

Physics

Force, Pressure, Friction, Sound, Electricity, Light, Earthquakes, Rain, Thunder and Lightning, Night Sky.

Chemistry

Synthetic Clothing Material & Polymers, Metals & Non metals, Natural Resources, Oxidation of Fuels.

Maths

Rational Numbers, Squares And Square Roots, Cubes And Cubes Roots, Linear Equation in One Variable, Quadrilaterals, Construction, Playing with Numbers, Algebraic Expressions, Algebraic Identities, Exponents And power, Percentage And Its Applications, Compound Interest, Direct And Inverse Variations, Visualising Slid Shapes, Mensuration, Introduction to Graph, Data Handling, Probability.

Biology

Crop Production & Management, Micro Organisms Friend & Foe, Conservation of Plants & Animals, Cellular Level of Organisation, Reproduction in Animals, Pollution of Air And Water, Reaching the Age of Adolescence.

English Grammar

Noun, Pronoun, Adjective, Adverb, Tense, Conditionals, Subject-Verb Agreement, Direct & Indirect Speech, Active Passive, Modals, Determiners, Preposition, Conjunction, Verbal Ability, Writing Section.

Mental Ability

Test of Alphabets, Logical Numbers, Logical Alphabet, Repeat The Letters, Magic Of Figures, Operations, Secret Of The Words, Journey Ends, Sequencing, Blood Sample, Sit Over Here, Unlock The Mystery, Pictures, Throw It, Date & Time, Compare & Out, Figure Situation, Mixture.

Social Studies

How, When And Where, From Trades To Territory, Ruling The Countryside, Tribals, Dikus and the vision of a Golden Age, When People Rebel, Colonialism And The City, Weavers, Iron Smelters And Factory Owners, Civilising The Native, Educating The Nation, Women, Caste And Reform, The Changing World of Visual Arts, The Nationalist Movement-I, The Nationalist Movement-II.

Geography

Resources, Types and Development, Land, Soil, Water, Natural Vegetation and Wildlife Resources, Mineral and Power Resource, Agriculture, Manufacturing Industries, Human Resources.

Political Science

The Indian Constitution, Understanding Secularism, Why Do We Need a Parliament, Understanding Laws, Judiciary, Understanding Our Criminal Justice System, Understanding and Tackling Marginalisation, Water and The People of Chennai, Law And Social Justice.