

Syllabus (NTSE)

MATHEMATICS

- Algebraic Expressions
- Arithmetic
- Arithmetic Progressions
- Basic Geometry
- Circles
- Coordinate Geometry
- Direct & inverse variation
- Exponent
- Linear Equation
- Triangles
- Trigonometry
- Mensuration
- Percentage & its Application
- Playing with Numbers
- Probability
- Quadratic Equations
- Rational Numbers
- Simple interest & Compound interest
- Square Root & Cube Root
- Statistics
- Surface Areas and Volumes

ENGLISH

- Antonyms
- English Grammar
- One word substitution
- Paragraph Completion
- Reading Comprehension
- Rearrangement of Jumbled Words
- Sentence Completion
- Synonyms

GENERAL KNOWLEDGE

- Abbreviations
- Awards and Recognitions
- Books and Authors
- India
- Sports
- World

MENTAL ABILITY

- Alphabet and Number Test
- Analogy (Non Verbal)
- Analogy (Verbal)
- Blood Relations
- Calendar, Time and Clock
- Classification
- Figure Partition and Dot Situation
- Mathematical Operations
- Missing Character
- Ranking and Arrangements
- Series (Non - Verbal)
- Series (Verbal)

Syllabus (NTSE)

- Coding-Decoding
- Direction Sense
- Embedded Figure
- Venn Diagrams
- Water and Mirror Images
- Word Problems

SCIENCE

- Acid Bases and Salt
- Air
- Carbon and its Compounds
- Cellular Level of Organisation
- Diversity in Living Organisms
- Fibres and Plastics
- Food Production & Management
- Heredity and Evolution
- Human Body
- Life Processes
- Light
- Magnetism & Electricity at Work
- Measurement
- Work and energy
- Water
- Metals & Non Metals
- Micro-organisms
- Motion and Force
- Our Environment
- Periodic Classification of Elements
- Physical and Chemical Changes
- Plant and Animal Nutrition
- Reproduction
- Soil
- Some Common Diseases
- Sound
- Source of Energy
- Structure of Atom
- The Universe

SOCIAL SCIENCE

- Agriculture
- Atmosphere
- Biosphere
- British Raj
- Culture, Science and Literature
- Democracy and Elections
- Diversity and Livelihood
- Early Medieval Period
- Early States
- Eighteenth Century Political Formation
- Motion of the Earth
- Nationalism in Various Countries
- Natural Vegetation
- New Empires and Kingdoms
- Our Country – India
- Popular Movements and Social Reforms
- Population
- Resources and Development
- Solar System
- The Delhi Sultanate
- The Judiciary

Syllabus (NTSE)

- French Revolution
- India and its Neighbors
- Indian Constitution
- Indian Economics
- Indian Freedom Struggle
- Indus Valley Civilization
- Industrial Revolution
- Industries
- Internal Structure of the Earth and Rocks
- Introduction and Sources of Ancient Indian History
- Jainism, Buddhism and Conquerors from Distant Lands
- Local and State Government
- The Mauryas
- The Mughal Empire
- UN and International Agencies
- Union Government
- Vedic Period
- Water Resources
- World History
- Major Domains and Landforms
- Maps and Globe
- Medieval Architecture and Culture