

## NTSE Syllabus for Science

NTSE SAT Science syllabus are tabulated below:

### Physics Syllabus

- Magnetism and Electricity
- Measurements
- Motion and Force
- Work and Energy
- Light and Sound
- The Universe
- Source of Energy
- –
- –
- –

### Chemistry Syllabus

- Acid, Bases, Salt
- Periodic Classification of Elements
- Metals and Non-Metals
- Structure of Atom
- Physical and Chemical Changes
- Carbon and its Compounds
- Fibres and Plastics
- –
- –
- –

### Biology Syllabus

- Air, Water, Soil
- Micro-organisms
- Reproduction
- Life Processes
- Heredity and Evolution
- Food Production and Management
- Diversity in Living Organisms
- Plant and Animal Nutrition & Human Body
- Cellular Level of Organisation

- Some Common Diseases & Our Environment
- –
- –

## **NTSE Syllabus for Maths**

**NTSE SAT Mathematics syllabus is tabulated below:**

- Arithmetic Progressions
- Number Systems
- Polynomials
- Real Numbers
- Quadratic Equations
- Rational Numbers
- Square Roots and Cube Roots
- Direct and Inverse Variation
- Mensuration
- Percentage
- Surface Areas and Volumes
- Trigonometry
- Circles
- Simple and Compound Interest
- Triangles
- Arithmetic
- Coordinate Geometry
- Linear Equations in Two Variables
- Introduction to Euclid's Geometry
- Statistics and Probability
- Quadrilateral
- Parallelogram
- –
- –

## **NTSE Syllabus for Social Science**

**NTSE SAT Social Science syllabus is tabulated below:**

### **History Syllabus**

- French Revolution
- Industrial Revolution
- British Raj
- Mughal Empire
- Maurya Empire
- Early Medieval Period
- Medieval Architecture and Culture
- Indian Freedom Struggle
- Early States
- Indus Valley Civilization
- Jainism and Buddhism
- Conquerors from Distant Lands
- Popular Movements and Social Reforms
- Nationalism in Various Countries
- Introduction and Sources of Ancient Indian History
- Vedic Period
- World War I and II
- New Empires and Kingdoms
- World History
- UN and International Agencies
- –
- –

## **Geography Syllabus**

- Water Resources
- Biosphere
- Atmosphere
- Agriculture
- Resources and Development
- Diversity and Livelihood
- Internal Structure of the Earth and Rocks
- Maps and Globe
- Natural Vegetation
- Our Country – India
- India and its Neighbors
- Motion of the Earth
- Climate – India and World
- Indian Physiographic Division



