

# NTSE Syllabus

## NTSE MAT Syllabus

- Water and Mirror Images
- Figure Partition and Dot Situation
- Analogy(Non-Verbal)
- Embedded Figure
- Ranking and Arrangements
- Coding-Decoding
- Classification
- Venn Diagrams
- Analogy(Verbal)
- Alphabets and Number test
- Paper Folding and Cutting
- Series (Verbal)
- Calendar, Time and Clock
- Direction Sense
- Word Problems
- Cube and Dice
- Missing Character
- Series(Non-Verbal)
- Mathematical Operations
- Blood relations

## NTSE SAT Syllabus

NTSE Scholastic Aptitude Test includes questions from Science, Social Science, Mathematics, etc. candidates can check the subject-wise topics for NTSE Exam Syllabus for SAT from below:

### NTSE Syllabus for Mathematics

- Triangles
- Linear Equation
- Trigonometry
- Quadratic Equations
- Mensuration
- Basic Geometry
- Surface Areas and Volume
- Arithmetic Progressions
- Exponent
- Square & Cube Roots

- Direct & Inverse Variations
- Probability
- Statistics
- Arithmetic
- Number System
- Rational Numbers
- Playing with Number
- Circles
- Simple & Compound Interest
- Algebraic Expressions
- Coordinate Geometry
- Percentage & Its Application

**NTSE Syllabus for Social Science (History, Geography, Civics)**

World History	UN and International Agencies
Resources and Development	Internal Structure of the Earth and Rocks
Natural Vegetation	Water Resources
New Empires and Kingdoms	Union Government
The motion of the Earth	Solar System
Indian Constitution	Indian Freedom Struggle
Early Medieval Period	Indian Economics
Democracy and Elections	Diversity and Livelihood
The Mughal Empire	Local and State Government
Vedic Period	The Delhi Sultanate
Nationalism in Various Countries	Medieval Architecture and Culture
The Mauryas	Popular Movements and Social Reforms
Industries	The Judiciary
Population	French Revolution
India and Its Neighbours	Eighteenth Century Political Formation
Early States	British Raj
Indus Valley Civilization	Introduction and Sources of Ancient Indian History
Biosphere and Atmosphere	Industrial Revolution
Culture, Science and Literature	Jainism, Buddhism and Conquerors from Distant Lands
Agriculture	Our Country- India

## NTSE Syllabus for Science

- Work and Energy
- Water
- Life Processes
- Motion and Force
- Diversity in living Organisation
- Carbon and its Compound
- Human Body
- Magnetic & Electricity at Work
- Metals & Non Metals
- Micro-Organisms
- Light
- Measurement
- Heredity and Evolution
- Fibres and Plastics
- Food Production & Management
- Motion and Force
- Periodic Classification of Elements
- Acid, Bases and Salts
- Some Common Diseases
- The Universe
- Motion and Force
- Air
- Our Environment
- Sound of Energy
- Reproduction
- Cellular Level of Organisation
- Structure of Atom
- Soil

### NTSE Stage 1 & Stage 2 Exam Pattern 2020

<u>Papers</u>	<u>Test</u>	<u>No. of questions &amp; Marks</u>	<u>Duration</u>
Paper I	Mental Ability Test (MAT)	100	120 minutes
Paper II	Scholastic Ability Test (SAT)	100 (Science40, Mathematics-20, Social Science40)	120 minutes