

SSC Syllabus - TOSS and NIOS

Telangana Open School Society (TOSS) - SSC Syllabus

The Telangana Open School Society (TOSS) Secondary School Certificate (SSC) syllabus is designed

for open learners and follows the Telangana State Board pattern with flexible subject combinations.

Core Subjects:

1. First Language (Telugu / Hindi / Urdu):

- Prose, Poetry, Grammar, Comprehension, Letter Writing, and Composition.

2. Second Language (Hindi / Telugu / Urdu):

- Grammar, Vocabulary, Reading Comprehension, Translation, and Creative Writing.

3. English:

- Prose, Poetry, Grammar, Vocabulary, and Functional English (Paragraph Writing, Essay, Letter Writing).

4. Mathematics:

- Real Numbers, Polynomials, Linear Equations, Quadratic Equations, Progressions, Trigonometry, Coordinate Geometry, Statistics, Probability, Mensuration, and Geometry.

5. General Science (Physics, Chemistry, Biology):

- Physics: Motion, Force, Work, Energy, and Light.

- Chemistry: Acids, Bases, Salts, Chemical Reactions, and the Periodic Table.

- Biology: Nutrition, Respiration, Circulation, Reproduction, and Heredity.

6. Social Studies:

- History: Ancient, Medieval, and Modern India.

- Geography: India and the World - Physical and Political Features.

- Civics: Indian Constitution, Rights, Duties, and Governance.

- Economics: Sectors of Economy, Development, and Globalization.

7. Optional Subjects (Vocational / Additional):

- Home Science, Business Studies, Painting, or Computer Science.

The TOSS SSC syllabus aims to provide flexibility and practical knowledge for students preparing for higher secondary education or skill-based careers.

National Institute of Open Schooling (NIOS) - Secondary (Class 10) Syllabus

The National Institute of Open Schooling (NIOS) Secondary Course (equivalent to SSC)

is a flexible program offering multiple subjects and open learning options. It covers both academic and vocational streams.

Core Subjects:

1. Language - Group A (Choose at least one):

- English (202), Hindi (201), Urdu (206), Sanskrit (209).

Content: Reading Comprehension, Writing, Grammar, Vocabulary, and Literature.

2. Mathematics (211):

- Real Numbers, Algebra, Geometry, Mensuration, Trigonometry, Statistics, and Probability.

3. Science and Technology (212):

- Physics: Motion, Force, Light, Sound, Energy.
- Chemistry: Matter, Acids, Bases, Chemical Reactions, Elements, and Compounds.
- Biology: Nutrition, Respiration, Human Systems, Reproduction, and Ecosystems.

4. Social Science (213):

- History: Ancient, Medieval, and Modern India.
- Geography: Physical and Human Geography, Environment, and Resources.
- Political Science: Indian Constitution, Governance, Rights, and Duties.
- Economics: Basic Concepts, Sectors of Economy, Globalization, and Development.

5. Business Studies (215) / Home Science (216) / Psychology (222):

- Business Studies: Nature, Forms, and Functions of Business.
- Home Science: Food, Nutrition, Family, and Child Care.
- Psychology: Human Behavior, Development, and Learning.

6. Optional Subjects (Electives):

- Painting (225), Data Entry Operations (229), Indian Culture & Heritage (223), Environmental Science (333).

The NIOS SSC (Secondary) curriculum promotes self-learning, conceptual clarity, and application-based understanding, preparing learners for higher studies or vocational careers.

Note: These syllabi are compiled from official TOSS and NIOS sources. For complete and updated syllabi, refer to the official websites of TOSS and NIOS.