**Telangana Class 8 Syllabus**

**Mathematics**

1. Rational Numbers
2. Linear Equations in One Variable
3. Construction of Quadrilaterals
4. Exponents and Powers
5. Comparing Quantities using proportion
6. Square Roots and Cube Roots
7. Frequency Distribution Tables and Graphs
8. Exploring Geometrical Figures
9. Area of Plane Figures
10. Direct and Inverse Proportions
11. Algebraic Expressions
12. Factorisation
13. Visualizing 3-D in 2-D
14. Surface Areas and Volumes(cube-cuboid)
15. Playing with Numbers

**Science**

**Physics**

1. Force
2. Friction
3. Synthetic fibres and plastics
4. Metals and non-metals
5. Coal and Petroleum
6. Combustion, fuels and Flame
7. Electric conductivity of liquids
8. Some natural phenomena
9. Stars and solar system

**Biology**

1. What is Science?
2. Cell – The Basic Unit Of Life
3. Story Of Micro-organisms
4. Reproduction In Animals
5. Reaching The Age Of Adolescence
6. Different Ecosystems
7. Food Production In Plants: Methods Of Management
8. Food Production In Animals
9. Not For Drink Not For Breath
10. Why Do We Fall ill

**Social Science**

**Theme - I: Diversity on the Earth**

1. Reading and Analysis of Maps
2. Energy from the Sun
3. Earth Movements and Seasons
4. The Polar Regions
5. Forests:Using and Protecting them
6. Minerals and Mining

**Theme - II: Production, Exchange and Livelihoods**

1. Money and Banking
2. Impact of Technology on Livelihoods
3. Public Health and the Government

**Theme -III: Political Systems and Governance**

1. Landlords and Tenants under the British and the Nizam
2. A National Movement - The Early Phase 1885-1919
3. B National Movement - The Last Phase 1919-1947
4. Freedom Movement in Hyderabad State
5. The Indian Constitution
6. Parliament and Central Government
7. Law and Justice - A Case Study

**Theme - IV: Social Organisation and Inequities**

1. Abolition of Zamindari System
2. Understanding Poverty
3. Rights Approach to Development

**Theme - V: Religion and Society**

1. Social and Religious Reform Movements
2. Understanding Secularism

**Theme -VI: Culture and Communication**

1. Performing Arts and Artistes in Modern Times
2. Film and Print Media
3. Sports: Nationalism and Commerce
4. Disaster Management