

Syllabus For Class 10

Mathematics:

1. Number Systems:
 - Real Numbers
2. Algebra:
 - Polynomials
 - Pair of Linear Equations in Two Variables
 - Quadratic Equations
 - Arithmetic Progressions
3. Coordinate Geometry:
 - Lines (In two-dimensions)
4. Geometry:
 - Triangles
 - Circles
 - Constructions
5. Trigonometry:
 - Introduction to Trigonometry
 - Trigonometric Identities
 - Heights and Distances
6. Mensuration:
 - Areas Related to Circles
 - Surface Areas and Volumes
7. Statistics and Probability:
 - Statistics
 - Probability

Science:

1. Chemical Substances – Nature and Behaviour:
 - Chemical Reactions and Equations

- Acids, Bases, and Salts
- Metals and Non-metals
- Carbon and its Compounds
- Periodic Classification of Elements
- 2. World of Living:
 - Life Processes
 - Control and Coordination
 - How do Organisms Reproduce?
 - Heredity and Evolution
- 3. Natural Phenomena:
 - Light – Reflection and Refraction
 - The Human Eye and the Colourful World
- 4. Effects of Current:
 - Electricity
 - Magnetic Effects of Electric Current
- 5. Natural Resources:
 - Sources of Energy
 - Our Environment
 - Management of Natural Resources

Social Science:

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1. History – India and the Contemporary World – II:
 - The Rise of Nationalism in Europe
 - Nationalism in India
 - The Making of a Global World
 - The Age of Industrialization
 - Print Culture and the Modern World
2. Geography – Contemporary India – II:
 - Resources and Development

- Forest and Wildlife Resources
- Water Resources
- Agriculture
- Minerals and Energy Resources
- Manufacturing Industries
- Lifelines of National Economy

3. Political Science – Democratic Politics – II:

- Power Sharing
- Federalism
- Democracy and Diversity
- Gender, Religion, and Caste
- Popular Struggles and Movements
- Political Parties
- Outcomes of Democracy
- Challenges to Democracy

4. Economics – Understanding Economic Development:

- Development
- Sectors of the Indian Economy
- Money and Credit
- Globalization and the Indian Economy
- Consumer Rights

English (Language and Literature):

1. First Flight (Textbook):
 - A Letter to God
 - Nelson Mandela: Long Walk to Freedom
 - Two Stories about Flying
 - From the Diary of Anne Frank
 - The Hundred Dresses – I
 - The Hundred Dresses – II
 - Glimpses of India

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- Mijbil the Otter
- Madam Rides the Bus
- The Sermon at Benares
- The Proposal

2. Poems:

- Dust of Snow
- Fire and Ice
- A Tiger in the Zoo
- How to Tell Wild Animals
- The Ball Poem
- Amanda!
- Animals
- The Trees
- Fog
- The Tale of Custard the Dragon
- For Anne Gregory

3. Footprints Without Feet (Supplementary Reader):

- A Triumph of Surgery
- The Thief's Story
- The Midnight Visitor
- A Question of Trust
- Footprints Without Feet
- The Making of a Scientist
- The Necklace
- The Hack Driver
- Bholi
- The Book That Saved the Earth

Hindi Course A:

1. क्षितिज भाग 2 (Kshitij Part 2):

- पाठ 1: सूरदास
- पाठ 2: तुलसीदास
- पाठ 3: देव
- पाठ 4: जयशंकर प्रसाद
- पाठ 5: सूर्यकांत त्रिपाठी 'निराला'
- पाठ 6: नागार्जुन
- पाठ 7: गिरिजाकुमार माथुर
- पाठ 8: ऋतुराज
- पाठ 9: मंगलेश डबराल
- पाठ 10: स्वयं प्रकाश
- पाठ 11: रामवृक्ष बेनीपुरी
- पाठ 12: यशपाल
- पाठ 13: सर्वेश्वर दयाल सक्सेना
- पाठ 14: मन्नू भंडारी
- पाठ 15: महावीरप्रसाद द्विवेदी
- पाठ 16: यतीन्द्र मिश्र
- पाठ 17: भदंत आनंद कौसल्यायन
- 2. कृतिका भाग 2 (Kritika Part 2):
 - पाठ 1: माता का आँचल
 - पाठ 2: जॉर्ज पंचम की नाक
 - पाठ 3: साना-साना हाथ जोड़ि...
 - पाठ 4: एही ठैयाँ झुलनी हेरानी हो रामा!
 - पाठ 5: मैं क्यों लिखता हूँ?

Hindi Course B:

1. स्पर्श भाग 2 (Sparsh Part 2):
 - पाठ 1: कबीर – साखी
 - पाठ 2: मीरा – पद

- पाठ 3: बिहारी – दोहे
- पाठ 4: मैथिलीशरण गुप्त – मनुष्यता
- पाठ 5: सुमित्रानंदन पंत – पर्वत प्रदेश के पावस
- पाठ 6: महादेवी वर्मा – मधुर-मधुर मेरे दीपक जल
- पाठ 7: वीरेन डंगवाल – तोप
- पाठ 8: कैफ़ी आज़मी – कर चले हम फ़िदा
- पाठ 9: रवींद्रनाथ ठाकुर – आत्मत्राण
- पाठ 10: प्रेमचंद – बड़े भाई साहब
- पाठ 11: सीताराम सेकसरिया – डायरी का एक पन्ना
- पाठ 12: लीलाधर मंडलोई – ततौरा-वामीरो कथा
- पाठ 13: प्रहलाद अग्रवाल – तीसरी कसम के शिल्पकार शैलेंद्र
- पाठ 14: अन्तोन चेखव – गिरगिट
- पाठ 15: निदा फ़ाज़ली – अब कहाँ दूसरे के दुख से दुखी होने वाले
- पाठ 16: रवीन्द्र केलेकर – पतझर में टूटी पत्तियाँ
- पाठ 17: हबीब तनवीर – कारतूस
- 2. संचयन भाग 2 (Sanchayan Part 2):
 - पाठ 1: मिथिलेश्वर – हरिहर काका
 - पाठ 2: गुरदयाल सिंह – सपनों के-से दिन
 - पाठ 3: राही मासूम रज़ा – टोपी शुक्ला

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