



MAA VIDYADAYINI ADHYAN KENDRA

Tulsi Mandi, Patna - 7

Excellence in Education | Nurturing Future Leaders

Academic Syllabus — Class 10

Central Board of Secondary Education (CBSE)

Academic Session 2025–26

Mathematics

■ Real Numbers

- Euclid's Division Lemma
- Fundamental Theorem of Arithmetic

■ Polynomials

- Relationship of Zeros & Coefficients
- Quadratic Polynomials

■ Pair of Linear Equations

- Methods of Solution – Graphical, Substitution, Elimination, Cross-Multiplication
- Word Problems

■ Quadratic Equations

- Factorisation Method
- Quadratic Formula (Sridharacharya)

■ Arithmetic Progressions

- nth Term
- Sum of n Terms
- Applications

■ Triangles

- Similarity Theorems
- Pythagoras Theorem

■ Circles

- Tangent Properties
- Chord Properties

■ Constructions

- Division of a Line Segment
- Construction of Tangents

■ Trigonometry

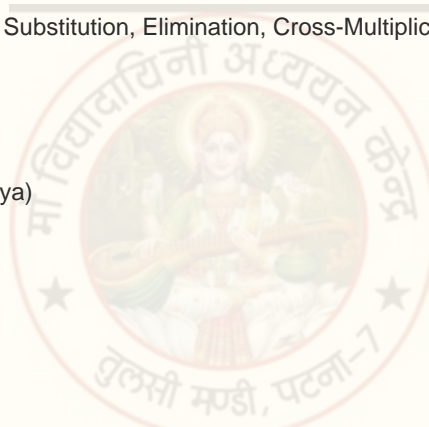
- Trigonometric Ratios & Identities
- Heights & Distances

■ Mensuration

- Areas Related to Circles
- Surface Areas & Volumes – Combinations of Solids

■ Statistics & Probability

- Mean, Median, Mode for Grouped Data



- Ogive (Cumulative Frequency)
- Probability

■ Coordinate Geometry

- Distance Formula
- Section Formula
- Area of Triangle

Science

■ Physics

- Light – Reflection (Mirrors) & Refraction (Lenses)
- Human Eye & the Colourful World
- Electricity – Ohm's Law, Resistance, Power
- Magnetic Effects of Electric Current
- Sources of Energy

■ Chemistry

- Chemical Reactions & Equations
- Acids, Bases & Salts
- Metals & Non-Metals
- Carbon & Its Compounds
- Periodic Classification of Elements

■ Biology

- Life Processes – Nutrition, Respiration, Transportation, Excretion
- Control & Coordination – Nervous & Hormonal System
- How Do Organisms Reproduce?
- Heredity & Evolution
- Our Environment – Ecosystem, Ozone Depletion
- Management of Natural Resources

Social Science

■ History – India & the Contemporary World II

- The Rise of Nationalism in Europe
- Nationalism in India
- The Making of a Global World
- The Age of Industrialisation
- Print Culture & the Modern World

■ Geography – Contemporary India II

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

■ Civics – Democratic Politics II

- Power Sharing

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

■ Economics

- Development
- Sectors of the Indian Economy
- Money & Credit
- Globalisation & the Indian Economy
- Consumer Rights

English

■ Literature – First Flight

- A Letter to God
- Nelson Mandela: Long Walk to Freedom
- Two Stories about Flying
- From the Diary of Anne Frank
- The Hundred Dresses–I & II
- Glimpses of India
- Mijbil the Otter
- Madam Rides the Bus
- The Sermon at Benares
- The Proposal



■ Supplementary – Footprints

- 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

■ Grammar & Writing

- Tenses, Voice, Narration (Integrated)
- Formal & Informal Letters, Article, Story Writing
- Grammar in Context – Gap Filling, Editing, Omission

Hindi

कृतिजि भाग-2

- सूरदास के पद
- राम-लक्ष्मण-परशुराम संवाद

सवैया और कवित्त
आत्मकथ्य
उत्साह और अट नहीं रही
यह दंतुरति मुस्कान और फसल
छाया मत छूना
कन्यादान
संगतकार
नेताजी का चश्मा
बालगोबनि भगत
लखनवी अंदाज़
मानवीय करुणा की दविय चमक
एक कहानी यह भी
स्त्री शिक्षा के वरीधी कुतर्को का खंडन
नौबतखाने में इबादत
संस्कृति

कृतिका भाग-2

माता का आँचल
जॉर्ज पंचम की नाक
साना-साना हाथ जोड़ि
एही ठैयाँ झुलनी हेरानी हो रामा!
मै क्यो लखिता हूँ?

व्याकरण

वाक्य-भेद, अलंकार, छंद, समास, संधि
पत्र-लेखन, नबिध, वजिजापन

Sanskrit

शेमुषी भाग-2

शुचिपर्यावरणम्
बुद्धिर्बलवती सदा
व्यायामः सर्वदा पथ्यः
शशिलालनम्
जननी तुल्यवत्सला
सुभाषितानि
सौहार्दं प्रकृतेः शोभा
वचित्रः साक्षी
सूक्तयः
भूकम्पवभीषिका
प्राणेभ्योऽपि प्रियः सुहृद्

व्याकरणवीथिः

अपठति गद्यांश, पत्र-लेखन, संधि, समास, अनुवाद

Note: This syllabus is based on the official CBSE curriculum for Class 10. Students must refer to the latest official textbooks and board notifications for any updates. Prepared by Maa Vidyadayini Adhyan Kendra, Patna.