



LORD MAHAVIRA

JAIN PUBLIC SCHOOL

(Affiliated to C.B.S.E. Vide Code No. 1630689)

SYLLABUS

CLASS - XII



Lord Mahavira Jain Public School

Session: 2026-2027

Class - XII

SUBJECT : ENGLISH

MARCH	(Flamingo)
&	Chapter-1 (The Last Lesson)
APRIL	Chapter-2 (Lost Spring)
Poem - 1	(My Mother at Sixty-six)
Writing	Notice Writing Letter to Editor (Vistas)Chapter-1 (The Third Level)
MAY	(Flamingo)
Poem-2	(Keeping Quiet)
Poem-3	(A Thing of Beauty)
	Chapter-3 (Deep Water)
	(Vistas) Chapter-2 (The Tiger King)
Writing	Formal Invitation & Replies Informal Invitation & Replies
JULY	(Flamingo) Chapter-4 (The Rattrap)
	Chapter-5 (Indigo)
Poem-5	(Aunt Jennifer's Tigers)
	(Vistas) Chapter-3 (Journey to the End of the Earth)
Writing	Article Writing Report Writing
AUGUST	(Flamingo)Chapter-6 (Poets & Pancakes)
	Chapter-7 (The Interview)(Vistas)
	Chapter-5 (On the Face of It)
	Chapter-4 (The Enemy)
SEPTEMBER	Revision of Half-yearly Syllabus Half-Yearly Examination

October Flamingo: Chapter - 8 (Going Places)
 Vistas: Chapter - 6 (Memories of Childhood)
Poem - 4 (A Roadside Stand)
Writing: Job Application
November Revision for Preboard & Finals

PT-1 Syllabus

Chapter - 1 (The Last Lesson)
 Chapter - 1 (The Third Level)
 Chapter - 2 (Lost Spring)
Poem: My Mother at Sixty Six, Keeping Quiet
Writing: Letter to Editor
 Notice Writing

PT-2 Syllabus

Flamingo/Vistas: Chapter - 2 (Tiger King)
 Chapter - 3 Deep Water
Poem: Aunt Jennifer's Tigers
 A Thing of Beauty
 Writing: Invitation (Informal & formal)

SUBJECT - PUNJABI

- ਅਪ੍ਰੈਲ :** ਪੰਜਾਬ ਦੇ ਮੇਲੇ ਤਿਉਹਾਰ, ਕਹਾਣੀ ਸਾਂਝ, ਅਣਡਿੱਠਾ ਪੈਰਾ, ਪੈਰਾ ਰਚਨਾ, ਅਖਾਣ/ਅਖਾਉਤਾਂ, ਟੁਕੜੀ ਜੱਗ ਤੋਂ ਨਿਆਰੀ, ਕਹਾਣੀ ਨੀਲੀ।
- ਮਈ :** ਪੈਰਾ ਰਚਨਾ, ਕਾਰ-ਵਿਹਾਰ ਦੇ ਪੱਤਰ, ਵਾਕ-ਵਟਾਂਦਰਾ, ਪੰਜਾਬ ਦੇ ਰਸਮ ਰਿਵਾਜ, ਤਾਜ ਮਹੱਲ ਕਵਿਤਾ।
- ਜੁਲਾਈ :** ਚੁਮ ਚੁਮ ਰੱਖੋ ਕਵਿਤਾ ਨੰਦ ਲਾਲ ਨੂਰਪੁਰੀ, ਵਾਕ ਵਟਾਂਦਰਾ, ਕਾਰ ਵਿਹਾਰ ਦੇ ਪੱਤਰ, ਕਹਾਣੀ "ਮਾੜਾ ਬੰਦਾ", ਅਣਡਿੱਠਾ ਪੈਰਾ।
- ਅਗਸਤ :** ਵਾਰਿਸ ਸ਼ਾਹ, ਪੈਰਾ ਰਚਨਾ, ਅਖਾਣ/ਅਖਾਉਤਾਂ, ਪੰਜਾਬ ਦੀਆਂ ਲੋਕ ਖੇਡਾਂ, ਦੁਹਰਾਈ।
- ਅਕਤੂਬਰ :** ਪੰਜਾਬ ਦੇ ਲੋਕ-ਨਾਚ, ਕਾਰ-ਵਿਹਾਰ ਦੇ ਪੱਤਰ, ਘਰ ਜਾ ਆਪਣੇ ਕਵਿਤਾ ਗੀਤ, ਕਾਰ-ਵਿਹਾਰ ਦੇ ਪੱਤਰ, ਪੈਰਾ ਰਚਨਾ, ਅਖਾਉਤਾਂ।
- ਨਵੰਬਰ :** ਦੁਹਰਾਈ।

SUBJECT - MATH

March:	Chapter: Matrices
April:	Chapter: Determinants Chapter: Inverse Trigonometric Functions Chapter: Continuity & Differentiability (Ex: 5.1)
May:	Chapter: Continuity & Differentiability Continued Chapter: Relations & Functions
June:	Summer Vacations
July:	PT-1 Syllabus Chapter: Matrices, Determinants & Inverse Trigonometric Functions, Relation Functions. Relation & Functions Chapter: Applications of Derivatives Chapter: Integrals (Indefinite) Introduction
August:	Chapter: Integrals Continued Chapter: Application of Integrals
September:	Chapter: Differential Equation Introduction Revision of Half Yearly Syllabus
October:	Chapter: Differential Equation Continued Chapter: Vectors Chapter: 3 Dimensional Geometry Chapter: Linear Programming Problem
November:	Chapter: Linear Programming Problem Continued Chapter: Probability
	Pre - Board – II
December:	Revision of Whole Syllabus & Pre- Board II
January:	Revision February: Final Examination

SUBJECT - PHYSICS

Month	Unit	Unit Name / Chapters
April	Unit-VII	Dual Nature of Radiation and Matter Chapter-11: Dual Nature of Radiation and Matter

April	Unit-VIII	Atoms and Nuclei Chapter-12: Atoms Chapter-13: Nuclei
May	Unit-IX	Electronic Devices Chapter-14: Semiconductor Electronics: Materials, Devices and Simple Circuits PT - 1
July	Unit-I	Electrostatics Chapter-1: Electric Charges and Fields Chapter-2: Electrostatic Potential and Capacitance
Aug	Unit-II	Current Electricity Chapter-3: Current Electricity
	Unit-III	Magnetic Effects of Current and Magnetism Chapter-4: Moving Charges and Magnetism Chapter-5: Magnetism and Matter HALF YEARLY EXAM
Oct	Unit-IV	Electromagnetic Induction and Alternating Currents Chapter-6: Electromagnetic Induction Chapter-7: Alternating Current
	Unit-V	Electromagnetic Waves Chapter-8: Electromagnetic Waves
Nov	Unit-VI	Optics Chapter-9: Ray Optics and Optical Instruments Chapter-10: Wave Optics

SUBJECT - CHEMISTRY

Theory: 70 Marks

Practical: 30 Marks

Month	Content
March	Unit - Solution
April	Unit - Haloalkanes and Haloarenes Unit - Alcohol, Phenol, Ether
May	Unit - Aldehyde, Ketone and Carboxylic Acid Unit - Amines

June	Summer Vacation
July	Unit - Biomolecules (Periodic Test - I)
August	Unit - Electro Chemistry Unit - Chemical Kinetics
September	Unit - D & F block Elements (Revision, Half Yearly Examination)
October	Unit - Coordination Compounds
November	Pre Board I Exams
December	Preparation for Theory Exams
January	Pre-Board II Exams
	AISSCE 2026 Practical Examination
February	AISSCE 2026 Theory Board Examination

Evaluation Scheme for Practical Examination	Marks
1.Volumetric Analysis	8
2.Salt Analysis	8
3.Content Based Experiment	6
4.Project Work	4
5.Class Record and Viva	4
Total	30

SUBJECT — BIOLOGY

Month	Chapter's Name
March –	Reproduction in Flowering Plants (upto Microsporogenesis)
April –	Reproduction in Flowering Plants (Contd....) Human Reproduction
May –	Principles of Inheritance and Variation Reproductive Health
June –	Summer Vacations
July –	Molecular Basis of Inheritance

Periodic Test - 1

August –	Human Health and Diseases Microbes in Human Welfare Ecosystem – Organisms and Populations
September -	Revision + Half Yearly Examinations
October –	Biodiversity and its Conservation Evolution Biotechnology Principles and Processes Biotechnology and its Applications
November -	Revision + Pre-Board I
December -	Revision + Pre-Board II
January -	Revision
February -	Final Board Examinations

SUBJECT - BUSINESS STUDIES

Month	Chapters
March	Nature and Significance of Management
April	Principles of Management, Business Environment
May	Planning, Marketing Management
June	Summer Vacations
July	Organising, Staffing
August	Directing, Consumer Protection Act , Controlling
September	Financial Management
	Half Yearly Examination
October	Financial Market
November	Pre-Board I
December	Pre-Board II

SUBJECT - ACCOUNTANCY

March:	Financial Statements of a Company, Financial Statement Analysis
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April:	Tools of Financial Statement Analysis, Cash Flow Statement (operating, investing and financing activities)
May:	Ratio Analysis, Accounting for share capital – Meaning, issue of shares at par, discount and premium
June:	Summer Vacation
July:	Accounting for share capital, Accounting for debentures
August:	Accounting for Partnership Firms, Goodwill – Nature and valuation, change in Profit Sharing ratio
September:	Admission of a Partner, <div style="text-align: center;">Half Yearly Examination</div>
October:	Retirement and Death of a Partner, Dissolution of Partnership firm
November:	Pre-Board I
December:	Pre-Board II

SUBJECT: HISTORY

Month	Content
March	Chapter – 1: Bricks, Beads and Bones The Harappan Civilisation
April	Chapter – 2: Kings, Farmers and Towns Early States and Economies [c 600 BCE – 600 CE] Chapter – 3: Kinship, Caste and Class Early Societies [c 600 BCE – 600 CE] Chapter – 4: Thinkers, Beliefs and Buildings Cultural Developments [c 600 BCE – 600 CE]
May	Chapter – 5: Through the Eyes of Travellers Perceptions of Societies [c tenth to seventeenth centuries] Chapter – 6: Bhakti-Sufi Traditions Changes in Religious Beliefs and Development / Devotional Texts

[c eighth to eighteenth centuries]

Chapter – 7: An Imperial Capital of Vijayanagara

[c fourteenth – sixteenth centuries]

June

Summer Break

July:

PT-I

August:

Chapter – 8:

Peasants, Zamindars and the State:

Agrarian Society and the Mughal Empire

[c Sixteenth – Seventeenth centuries]

Chapter – 9: Colonialism and the Countryside:

Exploring Official Archives

September:

Half Yearly Exam

October:

Chapter – 10: Rebels and the Raj

1857 Revolt and Its Representations

Chapter – 11: Mahatma Gandhi and the Nationalist

Movements: Civil Disobedience and Beyond

Chapter – 12: Framing the Constitution:

The Beginning of a New Era

November:

Revision and Pre-Board - I

December:

Revision and Pre-Board - II

January:

Final Board Practical

Feb-March:

Final Exam

SYLLABUS - ECONOMICS

March:

Introduction to Macro Economics and Basic Concepts

April:

Indian Economy on the eve of Independence

Money

Indian Economy 1950 - 1990

May:

Economic Reforms 1991

Banking

Govt. Budget

Environment

July:	Basic concepts of National Income and related aggregate Measurements of National Income Human Capital Formation BOP
August:	Aggregate demand / supply and related concepts Excess Demand and deficient demand Rural development
September:	Employment
Half Yearly Exam	
October:	Foreign Exchange rate comparative development India, China, Pakistan.

SUBJECT - POL. SCI

Month	Content
March	Chapter – 1 (Part-A): End of Bi-Polarity
April	Chapter – 2 (Part-A): Contemporary Centres of Power Chapter – 1 (Part-B): Challenges of Nation Building Chapter – 2 (Part-B): Era of One-Party Dominance Chapter – 3 (Part-B): Politics of Planned Development
May	Chapter – 3 (Part-A): Contemporary South Asia Chapter – 4 (Part-A): International Organizations Chapter – 4 (Part-B): India's External Relations
June	Chapter – 5 (Part-B): Security in Contemporary World
Summer Break	
July:	Revision and PT-1
	Chapter 6 (Part A): Environment and Natural Resources
August:	Chapter 7 (Part A): Globalization Chapter 5 (Part B): Challenges to and Restoration of the Congress System Chapter 6 (Part B): The Crisis of Democratic Order

September:	Half Yearly Exams
October:	Chapter 7 (Part B): Regional Aspirations Chapter 8 (Part B): Recent Political Developments
	Revision
November:	Pre-Board – I
December:	Pre-Board – II
January:	Final Board Practical
Feb-March:	Final Exams

SUBJECT - PSYCHOLOGY

March	Ch. 1: Variations in Psychological Attributes
April	Ch. 1: Theory of Intelligence
May	Ch. 2: Self and Personality
July	Ch. 3: Meeting life challenges
August	Ch. 4: Psychological Disorders
September	Ch. 5: Therapeutic Approaches Ch. 6: Attitude and Social Cognition
	Half Yearly Exam
October	Ch. 7: Social Influence and group processes

SUBJECT - COMPUTER SCIENCE

Month	Topics to be Covered
March	Revision of Python taught in XI
April	Python Revision Tour Python Revision Tour II
May	Working with Functions Using Python Libraries Relational Databases
	Periodic Test - I
July	Simple Queries in SQL Table Creation and Data Manipulation Commands Grouping Records, Joins in SQL

Periodic Test II

August Interface Python with MySQL
File Handling

Half Yearly

September Data Structures
Computer Networks I

October Computer Networks II

November **Revision for Preboard I**

SUBJECT - PHYSICAL EDUCATION

March → Unit 1: Management of Sporting Events

April → Unit 2: Children and Women in Sports
→ Unit 3: Yoga as Preventive Measure for Lifestyle
Disease

May → Unit 4: Physical Education and Sports for CWSN
→ Unit 5: Sports and Nutrition

June → **(Holiday)**

July → **PT - I**
→ Unit 6: Test and Measurement in Sports

August → Unit 7: Physiology and Injuries in Sports
→ Unit 8: Biomechanics and Sports

September → **(Half Yearly Exam)**

October → **Practical - I**
→ Unit 9: Psychology and Sports

November → **Practical - II**
→ Unit 10: Training in Sports
Pre-Board - I

December → Practical III (Revision Whole Syllabus)
Pre-Board II

January → (Revision Whole Syllabus)

February → **Final Exam**

SUBJECT - PAINTING

Month	Chapter	Practical
March	<ul style="list-style-type: none"> • The Origin and Development of Miniature Painting in India 	<ul style="list-style-type: none"> • Folk Art • Still Life Painting
April	<ul style="list-style-type: none"> • The Rajasthani School of Miniature Painting • The Pahari School of Miniature Painting. 	<ul style="list-style-type: none"> • Composition Painting • Nature Painting • Folk Art
May	<ul style="list-style-type: none"> • The Mughal School of Miniature Painting • The Deccan School of Miniature Painting 	<ul style="list-style-type: none"> • Nature Painting • Composition Painting • Still Life
June	Summer Vacation	
July	<ul style="list-style-type: none"> • The Bengal School of Painting and the Modern Trends in Indian Art • Contributions of Indian Artists in the Struggle for National Freedom Movement 	<ul style="list-style-type: none"> • Nature Painting • Composition Painting • Folk Art
August	<ul style="list-style-type: none"> • Evolution of Indian National Flag • The Modern Trends in Indian Art 	<ul style="list-style-type: none"> • Still Life • Folk Art • Nature Painting
September	Revision	
	Half Yearly Examination	
October	<ul style="list-style-type: none"> • Study of the Paintings of the Contemporary Indian Artists 	<ul style="list-style-type: none"> • Still life • Composition Painting
November	<ul style="list-style-type: none"> • Graphic Prints of the Contemporary Indian Artist • Contemporary Sculptures of the Indian Artist. 	<ul style="list-style-type: none"> • Nature Painting • Composition Painting • Still Life • Folk Art
December	Periodic Test - II	
January	Revision	
	Final Practical Examination	