



# THE JAIN INTERNATIONAL SCHOOL

## KANPUR

### Syllabus Booklet

2023-24

Class-X

<b>THE JAIN INTERNATIONAL SCHOOL, KANPUR</b>			
<b>THE JAIN WORLD SCHOOL, MAWAR MATI</b>			
<b>CLASS X</b>			
<b>BOOKS RECOMMENDED FOR SESSION 2023-24</b>			
<b>S.N.</b>	<b>SUBJECT</b>	<b>BOOK NAME</b>	<b>PUBLISHER</b>
1	English	1. First Flight	NCERT
		2. Footprints without feet	NCERT
		3. English literature and language reference book	Rachna Sagar Publication
2	Hindi	1. Kratika Vol 2	NCERT
		2. Kshitij Vol 2	NCERT
		3. Navyug Hindi Vyakaran and Rachna	Laxmi Publication
3	Maths	1. NCERT	NCERT
		2. Mathematics by R.S. Aggarwal	Bharati Bhawan Publication
4	S. Studies	1. Geography	Contemporary India II
		2. History	India and the Contemporary World II
		3. Economics	Understanding Economic Development (NCERT)
		4. Political Science	Democratic Politics II
		5. Map Skills	Candid Publication
5	Science	NCERT	NCERT
6	Chemistry	Living Science-Chemistry	Ratna Sagar
7	Physics	Living Science-Physics	Ratna Sagar
8	Biology	Living Science-Biology	Ratna Sagar
9	IT	Information Technology Vocational- 10	KIPS Publication
10	Art	I am an artist	Kirti Publication
<b>* All the books must be as per the CBSE revised edition of Session 2023-24.</b>			

<b>Class –X</b>			
<b>ENGLISH</b>			
MONTH		TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
<b>APR</b>	Lit.  Lang	Prose: A letter to God, Nelson Mandela: Long walk to freedom Poetry: Dust of Snow, Fire and Ice Supp: A Triumph of Surgery Reported speech, Formal Letter- Editor/Complaint (official)/Complaint (business)	
<b>MAY</b>	Lit.  Lang	Prose: Two Stories about Flying, From the Diary of Anne Frank Poetry: A Tiger in the Zoo Supp: The Thief's Story,  Writing: Analytical Paragraph Grammar-Determiners	<b><u>Class Test – 1</u></b>  A Letter to God, Dust of snow, A Triumph of surgery
<b>JUL</b>	Lit.  Lang	Prose: Glimpses of India, Mijbil the Otter, Poetry: The Ball Poem, How to tell wild animals Supp: The Midnight Visitor Letter Writing, Tenses	<b><u>Periodic Test-1</u></b> Prose- Nelson Mandela :Long walk to freedom, Two stories about flying Poetry - Fire and Ice, A Tiger in the zoo Supp.- The thief's story. Writing- Letter to editor/Complaint letter, reported speech, Determiners, Comprehension passage
<b>AUG</b>	Lit.  Lang	Prose: Madam Rides the Bus, The Sermon at Benares Supp: A Question of Trust, Footprints without feet Poetry: Amanda, The Trees, For Anne Gregory Subject Verb Concord	
<b>SEPT</b>	Lit.  Lang	Prose: The proposal Poetry: Fog, The Tale of Custard the Dragon Supp: The Making of a Scientist  Modals	<b><u>Half Yearly Exam/ Periodic Test – 2</u></b> <b>HALF YEARLY EXAMINATION/</b> Prose– Madam rides the bus, The Sermon at Benares, Glimpses of India, Mijbil the Otter Poetry- How to tell wild Animals, The Ball poem, Amanda, The Trees, For Anne Gregory Supplementray-The Midnight Visitor, A Question of Trust. Writing- Analytical Paragraph, letter . Grammar- Modals, Tenses & Subject-Verb Concord, Reported speech. Comprehension Passage
<b>OCT</b>	Lit.	Supp: The Necklace, Bholi, The book that saved the Earth	
<b>NOV</b>	Lit.  Lang	Revision	<b><u>PRE- BOARD-1</u></b>  Full Syllabus
<b>DEC</b>	Lit.  Lang	Revision	<b><u>PRE- BOARD-2</u></b>  Full Syllabus
<b>JAN</b>	Lit. Lang	Revision	<b><u>PRE- BOARD-3</u></b>  Full Syllabus
<b>FEB MAR</b>		Revision of Complete Syllabus	<b><u>AISSE BOARD EXAMINATION</u></b> Syllabus Prescribed By CBSE

**Class –X  
MATHEMATICS**

MONTH	TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
APR	Pair of Linear Equations in Two Variables, Polynomials	
MAY	Coordinate Geometry, Real Numbers	<b><u>Class Test – 1</u></b> Pair of Linear Equations in Two Variables
JULY	Statistics, Probability, Triangles	<b><u>Periodic Test – 1</u></b> Coordinate Geometry, Polynomials
AUG	Introduction to Trigonometry, Some applications of Trigonometry	
SEPT	Revision	<b><u>Half Yearly Exam/ Periodic Test – 2</u></b> Polynomials, Pair of Linear Equations in Two Variables, Coordinate Geometry, Real Numbers, Statistics, Probability, Triangles, Introduction to Trigonometry, Some applications of Trigonometry
OCT	Quadratic Equations, Arithmetic Progressions, Circles	
NOV	Area Related to Circles, Surface Area and Volumes	<b><u>PRE- BOARD-1</u></b> All Chapters completed till October
DEC	Revision	<b><u>PRE- BOARD-2</u></b> Complete Syllabus Prescribed By CBSE
JAN	Revision	<b><u>PRE- BOARD-3</u></b> Complete Syllabus Prescribed By CBSE
FEB MAR	Revision	<b><u>AISSE BOARD EXAMINATION</u></b> Syllabus Prescribed By CBSE

**Class –X  
PHYSICS**

MONTH	TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
APR	Effect of current- Electric current, potential difference and electric current, Ohm's law, resistivity Factors on which resistance of the wire depends. Practical-1   Studying the dependence of potential difference and current I.	
MAY	Effect of current- Series combination of resistors parallel combination of resistors and its application in daily life. Heating effect of electric current and its application in daily life. Electric power, interrelation between P, V, I, and R. Practical-2 Determination of equivalent resistance.	<b><u>Class Test – 1</u></b> Effect of current- Electric current, potential difference and electric current, Ohm's law, resistivity Factors on which resistance of the wire depends..
JULY	Magnetic effect of current- Magnetic field lines, field due to current carrying coil or solenoid; Force in current carrying conductor.	<b><u>Periodic Test – 1</u></b> Effect of current.
AUG	Magnetic effect of current- Fleming's left hand rule, direct current. Alternating current, frequency of AC Advantage of AC over DC Domestic electric circuits.	

<b>SEPT</b>	Natural Phenomena- Only reflection part. Practical-3 Focal length concave mirror and convex lens.	<b><u>Half Yearly Exam/ Periodic Test - 2</u></b> Effect of current Magnetic effect of current
<b>OCT</b>	Natural Phenomena- Rest. (Refraction, deviation, human eye dispersion, and scattering. Practical 4- tracing the path using glass slab.	
<b>NOV</b>	Revision.	<b><u>PRE BOARD-1</u></b> Full Syllabus.
<b>DEC</b>	Revision	<b><u>PRE BOARD-2</u></b> Full Syllabus
<b>JAN</b>	Revision	<b><u>PRE BOARD-3</u></b> Full Syllabus.
<b>FEB MAR</b>	Revision	<b><u>AISSE BOARD EXAMINATION</u></b> Syllabus Prescribed By CBSE

<b>Class –X CHEMISTRY</b>		
<b>MONTH</b>	<b>TOPICS TO BE TAUGHT</b>	<b>TEST/EXAM SYLLABUS</b>
<b>APR</b>	Chemical Equations and Reactions Practical:-Performing and Observing the following reactions and classifying them into 1)Decomposition reaction 2)Displacement reaction and their actions on different salt solutions	
<b>MAY</b>	Acids, Bases and Salts . Practical-Test of Acid and bases with litmus and P <sup>H</sup> paper. 2)action of solid sodium carbonate with acids and bases.	<b><u>Class Test – 1</u></b> Chemical Equations and Reactions
<b>JULY</b>	Acids Bases and Salts	<b><u>Periodic Test – 1</u></b> Acids Bases and Salts
<b>AUG</b>	Metals and Nonmetals Practical- Practical-Observing the action of Zn,Fe,Cu and Al non the different salt solution	
<b>SEPT</b>	Metals and Nonmetals	<b><u>Half Yearly Exam/ Periodic Test - 2</u></b> Chemical Equations and Reactions Acids Bases and Salts Metals and Nonmetals (except Metallurgy)
<b>OCT</b>	Carbon and Its Compound . Practical- To analyze the properties of Acetic acid	
<b>NOV</b>	Carbon and Its Compound	<b><u>PRE- BOARD-1</u></b> Chemical Equations and Reactions Acids Bases and Salts Metals and Nonmetals Carbon and Its Compound
<b>DEC</b>	Revision	<b><u>PRE- BOARD-2</u></b> Full Syllabus
<b>JAN</b>	Revsion	<b><u>PRE- BOARD-3</u></b> Full Syllabus

<b>FEB</b> <b>MAR</b>	Revision	<b><u>AISSE BOARD EXAMINATION</u></b> Syllabus Prescribed By CBSE
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<b>Class –X</b> <b>BIOLOGY</b>		
<b>MONTH</b>	<b>TOPICS TO BE TAUGHT</b>	<b>TEST/EXAM SYLLABUS</b>
<b>APR</b>	Life processes (Page No. 79-83) Practical:-Prepare temporary mount to show stomata in leaf	
<b>MAY</b>	Life processes (Page No.83-90) Practical:-To show Carbon Dioxide given out during respiration	<b><u>Class Test – 1</u></b> Life processes(till nutrition in plants )
<b>JULY</b>	Life processes(Page No.91-98) Control and coordination (Page No.100-105)	<b><u>Periodic Test – 1</u></b> Life processes (till respiration)
<b>AUG</b>	Control and coordination(Page No.106-111)	
<b>SEPT</b>	How do organisms reproduce? Practical:-Study a) binary fission amoeba b) Budding in yeast and hydra with the permanent slide c) Identification of different parts of an embryo of a dicot seed(pea or gram)	<b><u>Half Yearly Exam/ Periodic Test – 2</u></b> Life processes Control and coordination
<b>OCT</b>	Our Environment	
<b>NOV</b>	Heredity	<b><u>PRE- BOARD-1</u></b> Life processes Control and coordination How do organisms reproduce? Our environment
<b>DEC</b>	Revision	<b><u>PRE- BOARD-2</u></b> Syllabus prescribed by CBSE
<b>JAN</b>	Revision	<b><u>PRE- BOARD-3</u></b> Syllabus prescribed by CBSE
<b>FEB</b> <b>MAR</b>	Revision	<b><u>AISSE BOARD EXAMINATION</u></b> Syllabus Prescribed By CBSE

<b>Class –X</b> <b>SOCIAL SCIENCE</b>		
<b>MONTH</b>	<b>TOPICS TO BE TAUGHT</b>	<b>TEST/EXAM SYLLABUS</b>
<b>APR</b>	The Rise of Nationalism in Europe, Resources and Development, Power Sharing	
<b>MAY</b>	Nationalism in India, Forest and wildlife resources, Federalism, Development	<b><u>Class Test – 1</u></b> History- Rise of Nationalism in Europe Geog.- Resources and development
<b>JULY</b>	Nationalism in India, Water Resources, Gender religion and caste, The Making of Global world(Till 1.3 only i.e Pre Modern to Conquests)	<b><u>Periodic Test – 1</u></b> Eco.- Development Geo.-Forest and wildlife resources Pol. Sci.- Federalism Pol Science-Power Sharing

<b>AUG</b>	Agriculture, Political Parties, Sectors of Indian Economy, Outcomes of Democracy	
<b>SEPT</b>	Money and Credit, Outcomes of Democracy	<b><u>Half Yearly Exam/ Periodic Test – 2</u></b>  History- The Rise of nationalism in Europe, Nationalism in India, The Making of Global World(till 1.3 only) Geo- Resources and development, Forest and wildlife resources, Water resources, Agriculture Pol. Sci.- Power Sharing, Federalism, Gender religion and caste, Political Parties Eco- Development, Sectors of Indian Economy
<b>OCT</b>	Print culture and the modern world, Minerals and Energy Resources, Manufacturing Industries	
<b>NOV</b>	Lifelines of National Economy( Roadways to Railways only), Globalization and the Indian Economy (What is Globalization? + Factors that have enabled Globalization)	<b><u>PRE- BOARD-1</u></b>  History- The Rise of nationalism in Europe, Nationalism in India, The Making of Global World(till 1.3 only) , Print Culture and modern world Geo- Resources and development, Forest and wildlife resources, Water resources, Agriculture, Minerals and Energy resources, Manufacturing Industries Pol. Sci.- Power Sharing, Federalism, Gender religion and caste, Political Parties, Outcomes of Democracy Eco- Development, Sectors of Indian Economy, Money and credit
<b>DEC</b>	Revision	<b><u>PRE- BOARD-2</u></b> Full Syllabus
<b>JAN</b>	Revision	<b><u>PRE- BOARD-3</u></b> Full Syllabus
<b>FEB MAR</b>	Revision	<b><u>AISSE BOARD EXAMINATION</u></b> Syllabus Prescribed By CBSE

**Class –X  
INFORMATION TECHNOLOGY**

<b>MONTH</b>	<b>TOPICS TO BE TAUGHT</b>	<b>TEST/EXAM SYLLABUS</b>
<b>APR</b>	Part A-Employability Skills Unit 1- Communication Skills Part B-Subject Specific Skills Unit I-Digital Documentation (Advanced) Practical-Create documents, template, Use Stylesheets, Do formatting and Editing ,Use mail merge, Create labels and Envelops, create posters ,add images.	
<b>MAY</b>	Part B-Subject Specific Skills Unit II-Electronic Spreadsheet(Advanced) Practical-Create Worksheet, Do formatting and Editing ,Use formulas and functions, create Time table and report card	<b><u>Class Test – 1</u></b> Part A-Employability Skills Unit 1- Communication Skills
<b>JULY</b>	Part B-Subject Specific Skills Unit III- Database Management System	<b><u>Periodic Test – 1</u></b> Part B-Subject Specific Skills Unit I-Digital

		Documentation (Advanced) Part B-Subject Specific Skills Unit II-Electronic Spreadsheet(Advanced)
<b>AUG</b>	Part A-Employability Skills Unit 1-Communication Skills Unit II- Self Management Skills Unit III- Information and Communication Technology Skill	
<b>SEPT</b>	Part A-Employability Skills Unit IV- Entrepreneurial Skills Unit V- Green Skills	<b><u>Half Yearly Exam/ Periodic Test - 2</u></b> Unit I-Digital Documentation (Advanced) Unit II-Electronic Spreadsheet(Advanced) Unit III- Database Management System Unit 1-Communication Skills Unit II- Self Management Skills Unit III- Information and Communication Technology Skill
<b>OCT</b>	Part B-Subject Specific Skills Unit IV-Web Application and Security	
<b>NOV</b>	Unit IV-Web Application and Security	<b><u>PRE- BOARD-1</u></b> FULL SYLLABUS EXCEPT Web Application and Security taught November onwards
<b>DEC</b>	Unit IV-Web Application and Security	<b><u>PRE- BOARD-2</u></b> FULL SYLLABUS AS PER CBSE
<b>JAN</b>	Revision	<b><u>PRE- BOARD-3</u></b> FULL SYLLABUS AS PER CBSE
<b>FEB MAR</b>		<b><u>AISSE BOARD EXAMINATION</u></b> Syllabus Prescribed By CBSE

<b>Class –X HINDI COURSE-A (002)</b>		
<b>MONTH</b>	<b>TOPICS TO BE TAUGHT</b>	<b>TEST/EXAM SYLLABUS</b>
<b>APR</b>	साहित्य– सूरदास के पद, नेता जी का चश्मा, बालगोबिन भगत, उत्साह, अट नहीं रही है। व्याकरण– रचना के आधार पर वाक्य भेद, अपठित गद्यांश/पद्यांश, संदेश।	

<b>MAY</b>	साहित्य- लखनवी अंदाज़,, माता का अँचल। व्याकरण- वाच्य, पत्र (औपचारिक)।	<b><u>Class Test – 1</u></b> साहित्य- नेता जी का चश्मा व्याकरण- संदेश।
<b>JULY</b>	साहित्य- राम-लक्ष्मण परशुराम संवाद। व्याकरण- पद-परिचय, अलंकार, पत्र(अनौपचारिक) अनुच्छेद।	<b><u>Periodic Test – 1</u></b> साहित्य- सूरदास के पद, बालगोबिन भगत व्याकरण- रचना के आधार पर वाक्य भेद, अपठित गद्यांश/पद्यांश, पत्र (औपचारिक)
<b>AUG</b>	साहित्य- साना-साना हाथ जोड़ि, एक कहानी यह भी, यह दंतुरित मुस्कान, फसल। व्याकरण- अलंकार, विज्ञापन, अनुच्छेद।	
<b>SEPT</b>	पुनरावृत्ति- साहित्य एवं व्याकरण	<b><u>Periodic Test – 2/ Half Yearly Examination</u></b> साहित्य- सूरदास के पद, उत्साह, अट नहीं रही है, राम-लक्ष्मण परशुराम संवाद, नेता जी का चष्मा, बालगोबिन भगत, लखनवी अंदाज़, माता का अँचल, यह दंतुरित मुस्कान, फसल, साना-साना हाथ जोड़ि, संगतकार, एक कहानी यह भी व्याकरण- रचना के आधार पर वाक्य भेद, वाच्य, पद-परिचय, अलंकार, अपठित गद्यांश/पद्यांश, पत्र, अनुच्छेद, विज्ञापन, संदेश।
<b>OCT</b>	साहित्य- मैं क्यों लिखता हूँ, आत्मकथ्य, संस्कृति, संगतकार, नौबतखाने में इबादत। व्याकरण- स्ववृत लेखन, औपचारिक ई-मेल।	
<b>NOV</b>	साहित्य- स्त्री शिक्षा के विरोधी कुतर्कों का खंडन। पुनरावृत्ति- साहित्य एवं व्याकरण	<b><u>PRE – BOARD-1</u></b> <u>Full Syllabus</u>
<b>DEC</b>	पुनरावृत्ति- साहित्य एवं व्याकरण	<b><u>PRE – BOARD-2</u></b> <u>Full Syllabus</u>
<b>JAN</b>	पुनरावृत्ति- साहित्य एवं व्याकरण	<b><u>PRE – BOARD-3</u></b> <u>Full Syllabus</u>
<b>FEB MAR</b>	पुनरावृत्ति- साहित्य एवं व्याकरण	<b>As prescribed by C.B.S.E</b>