

# THE JAIN INTERNATIONAL SCHOOL

## KANPUR

### SYLLABUS BOOKLET

2024-25

CLASS-IX

<b>THE JAIN INTERNATIONAL SCHOOL</b>			
<b>THE JAIN WORLD SCHOOL MATI</b>			
<b>CLASS IX</b>			
<b>BOOKS RECOMMENDED FOR SESSION 2024-25</b>			
<b>S.N.</b>	<b>SUBJECT</b>	<b>BOOK NAME</b>	<b>PUBLISHER</b>
1	English	1. Bee Hives	NCERT
		2. Moments	NCERT
		3. English literature and language reference book	Rachna Sagar Publication
2	Hindi	1.Kratika Vol 1	NCERT
		2. KshitijVol 1	NCERT
		3. Navyug Hindi Vyakaran and Rachna	Laxmi Publication
3	Maths	Maths	NCERT
		2. Mathematics by R.S. Agarwal	Bharti Bhawan
4	S. Studies	1.Geography	Contemporary India I
		2.History	India and the Contemporary World I
		3.Economics	Understanding Economic Development (NCERT)-I
		4.Political Science	Democratic Politics I
		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	Art	I am an artist	Kirti Publication
10	IT	Information Technology Vocational- 9	KIPS Publication

**\* All the books must be as per the CBSE revised edition of Session 2024-25**

**Class –IX**  
**ENGLISH**

MONTH		TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
<b>APR</b>	Lit. Lang	Beehives: The Fun They Had, The Road Not Taken (Poem) Moments: The Lost Child Tenses, Comprehension	
<b>MAY</b>	Lit. Lang	Beehives: The Sound of Music, Wind (Poem) Moments: The Adventures of Toto Descriptive paragraph, Gap filling	<b><u>Class Test – 1</u></b> Beehives: The Fun They Had Language: Tenses, Comprehension
<b>JULY</b>	Lit. Lang	Beehives: The Little Girl, Rain on the Roof (Poem) Moments: Ishwaran The storyteller Modals	<b><u>Periodic Test – 1</u></b> Beehives: The Sound of Music , The Road Not Taken (Poem) Moments: The Lost Child Language: Modals, Gap filling, Descriptive paragraph, Comprehension.
<b>AUG</b>	Lit. Lang	Beehives: A Truly Beautiful Mind, The snake and the mirror, The Lake isle of Innisfree (poem), Moments: In The Kingdom Of Fools  Subject verb concord	
<b>SEPT</b>	Lit. Lang	Beehives: My Childhood, The Legend of the Northland(Poem) Moments: The Happy Prince Diary Entry, Comprehension, Story Writing, Determiners	<b><u>Periodic Test – 2/ Half Yearly Examination</u></b> Reading:- Discursive Passage (400-500 words), Case-based passage (200-250 words) Writing: Descriptive paragraph (Person), Short story, Diary Entry, Subject verb concord, Gap filling  Beehive- The Fun they had, The sound of music, The little Girl, A Truly beautiful mind, The Snake and The Mirror, My Childhood, Poems- The road not taken, Wind, Rain on the Roof, The Lake Isle Of Innisfree Moments: The lost child, The adventure of Toto, Iswaran The Storyteller, In The Kingdom of Fools.
<b>OCT</b>	Lit. Lang	Beehives: Reach For The Top, Kathmandu, No Men Are Foreign(Poem) Moments: The Last Leaf  Story Writing, Reported speech	
<b>NOV</b>	Lit.	Beehives: If I were You, On Killing A Tree(Poem), Moments: A House is Not A Home	<b><u>Class Test - 2</u></b> Beehive: Reach For The Top, No Men Are Foreign(Poem) Moments: The Last Leaf Language: Story Writing, Reported Speech
<b>DEC</b>	Lit.	Beehive: A Slumber Did My Spirit Seal (poem) Moments: The Beggar	<b><u>Periodic Test – 3</u></b> Beehives: Kathmandu, If I Were You, The Legend Of The North Land(Poem), On Killing A Tree (Poem) Moments: A House Is Not A Home, The Last Leaf, The Happy Prince Language- Diary Entry, Comprehension, Story Writing, Determiners
<b>JAN</b>	Lit.	Revision	
<b>FEB</b> <b>MAR</b>		Revision	<b><u>Annual Examination</u></b> Complete Syllabus

**Class –IX  
MATHEMATICS**

MONTH	TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
<b>APR</b>	Number System	
<b>MAY</b>	Polynomials, Coordinate Geometry	<b><u>Class Test - 1</u></b> Number System
<b>JULY</b>	Linear Equations in Two Variables, Introduction to Euclid's Geometry	<b><u>Periodic Test – 1</u></b> Polynomials, Coordinate Geometry
<b>AUG</b>	Lines and Angles, Statistics	
<b>SEPT</b>	Revision	<b><u>Periodic Test – 2/ Half Yearly Examination</u></b> Number System Polynomials Coordinate Geometry Linear Equations in two variables Introduction to Euclid's Geometry Lines and Angles Statistics
<b>OCT</b>	Triangles, Heron's Formula	
<b>NOV</b>	Surface Area and Volume	<b><u>Class Test - 2</u></b> Triangles
<b>DEC</b>	Quadrilaterals, Circles	<b><u>Periodic Test – 3</u></b> Heron's Formula Surface Areas and Volumes
<b>JAN</b>	Revision	
<b>FEB</b>	Revision	<b><u>Annual Examination</u></b>
<b>MAR</b>		Complete Syllabus as prescribed by CBSE

**Class –IX  
PHYSICS**

MONTH	TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
<b>APR</b>	Motion.	
<b>MAY</b>	Numerical of Motion. Force and laws of motion	<b><u>Class Test – 1</u></b> Motion.
<b>JULY</b>	Numerical of Force and laws of motion.	<b><u>Periodic Test – 1</u></b> Force and laws of motion
<b>AUG</b>	Gravitation (up to mass and weight. (Page no.100 to page no 105)	
<b>SEPT</b>	Flotation- (pressure and thrust to relative density) (Page No 105 to page no 112) Revision. Practical- Determination of the density of solid by using spring balance.	<b><u>Periodic Test – 2/ Half Yearly Examination</u></b> Motion Force and laws of motion Gravitation
<b>OCT</b>	Work and energy (up to kinetic energy) (Page No.113 to page no. 118) Practical- Established the relation between the loss of the weight of a solid.	
<b>NOV</b>	Work and energy (potential energy to power) (Page no.119 to 126)	<b><u>Class Test - 2</u></b> Work and energy

<b>DEC</b>	Revision	<b><u>Periodic Test – 3</u></b> Motion Force and laws of motion Gravitation. Work and energy
<b>JAN</b>	Sound. Practical Verification of the laws of reflection of sound. Practical Determination of the speed of a pulse propagated through a stretched string.	
<b>FEB</b> <b>MAR</b>	Revision	<b><u>Annual Examination</u></b> Full Syllabus.

<b>Class –IX CHEMISTRY</b>		
<b>MONTH</b>	<b>TOPICS TO BE TAUGHT</b>	<b>TEST/EXAM SYLLABUS</b>
<b>APR</b>	Matter in our Surroundings.	
<b>MAY</b>	Matter in our Surroundings Practical:-Preparation of a true solution, suspension, Colloidal	<b><u>Class Test – 1</u></b> Matter in our Surroundings(till measurement of temperature)
<b>JULY</b>	Is Matter Around Us Pure Practical:-Preparation of Mixture and compound and their separation	<b><u>Periodic Test – 1</u></b> Matter in our Surroundings (full chapter)
<b>AUG</b>	Atoms and Molecules(till writing a chemical formula )	
<b>SEPT</b>	Revision Practical:-a) Perform the following reactions and classify them as physical and chemical changes.	<b><u>Periodic Test – 2/ Half Yearly Examination</u></b> Matter in our Surroundings Is Matter Around Us Pure Atoms and Molecules(till writing a chemical formula)
<b>OCT</b>	Atoms and Molecules (Remaining part)	
<b>NOV</b>	Structure of the atom (till sub- atomic particles)	<b><u>Class Test - 2</u></b> Atoms and Molecule (Reaming part) Structure of the atom (till sub atomic particles)
<b>DEC</b>	Structure of the atom (remaining part)	<b><u>Periodic Test – 3</u></b> Atoms and Molecules (full chapter) Structure of the atom (full chapter)
<b>JAN</b>	Revision	
<b>FEB</b> <b>MAR</b>	Revision	<b><u>Annual Examination</u></b> Complete Syllabus

<b>Class –IX BIOLOGY</b>		
<b>MONTH</b>	<b>TOPICS TO BE TAUGHT</b>	<b>TEST/EXAM SYLLABUS</b>
<b>APR</b>	The fundamental unit of life[Page No.. 49-54(till nucleus)] Practical : Prepare Temporary mount of onion peel	
<b>MAY</b>	The fundamental unit of life(page no. 54-58)	<b><u>Class Test – 1</u></b> The fundamental unit of life(Till Plasma

		membrane)
<b>JULY</b>	Tissues (Page No. 60-64) Practical : Identifying features of Parenchyma, collenchyma and sclerenchyma from permanent slide	<b><u>Periodic Test – 1</u></b> The fundamental unit of life Tissues (till Page No. 62)
<b>AUG</b>	Tissues(Page No. 65-69) Practical : Identifying features of striped muscles, smooth muscle, cardiac muscle and nerve cell from permanent slide.	
<b>SEPT</b>	Revision	<b><u>Periodic Test – 2/ Half Yearly Examination</u></b> The fundamental unit of life Tissues
<b>OCT</b>	Improvement in food resources (Page No.140-143)	
<b>NOV</b>	Improvement in food resources(Page144-146)	<b><u>Class Test - 2</u></b> Improvement in food resources(Page140-143)
<b>DEC</b>	Improvement in food resources(Page146-148)	<b><u>Periodic Test –3</u></b> Improvement in food resources(Page144-146)
<b>JAN</b>	Improvement in food resources(Page148-150)	
<b>FEB</b> <b>MAR</b>	Revision	<b><u>Annual Examination</u></b> Complete syllabus as prescribed by CBSE

<b>Class –IX</b> <b>SOCIAL SCIENCE</b>		
<b>MONTH</b>	<b>TOPICS TO BE TAUGHT</b>	<b>TEST/EXAM SYLLABUS</b>
<b>APR</b>	His.-The French Revolution Pol.Sci.-What is democracy? Why Democracy? Geo- India-size and location	
<b>MAY</b>	Geo. Physical features of India, Pol. Sci.- Constitutional design	<b><u>Class Test – 1</u></b> History: French Revolution Pol Sci.: What is democracy?Why democracy?
<b>JULY</b>	Eco-People as a Resource, His.-Socialism in Europe and Russian Revolution	<b><u>Periodic Test – 1</u></b> Geo.: India-Size and Location Geo.: Physical features of India Pol. Sci.: Constitutional design
<b>AUG</b>	His.-Nazism and the Rise of Hitler Geo.-Drainage	
<b>SEPT</b>	His-Forest Society and Colonialism (Why Deforestation only)  Geo.-Natural Vegetation and Wildlife (Wildlife only)	<b><u>Periodic Test – 2/ Half Yearly Examination</u></b> History-The French revolution, Socialism in Europe and Russian Revolution, Nazism and the rise of Hitler Geo.-India: size and location, Physical features of India, Drainage Pol Sci.-What is democracy? Why democracy?, Constitutional design Eco.- People as a Resource
<b>OCT</b>	Geo.- Climate Pol.Sci.- Electoral Politics	

<b>NOV</b>	Pol. Sci.-Working of Institutions Eco.-Poverty as a challenge	<b><u>Class Test - 2</u></b> History- Forest Society and Colonialism (Why Deforestation only) Geo.- Climate + Natural vegetation and Wildlife(Wildlife only)
<b>DEC</b>	Pol.Sci.-Democratic Rights Geo.-Population	<b><u>Periodic Test – 3</u></b> His: Socialism in Europe and Russian Revol. Geo.: Climate Pol Sci.: Electoral Politics Eco.: Poverty as a challenge
<b>JAN</b>	Eco.-Food Security in India + Revision	
<b>FEB</b> <b>MAR</b>	Revision	<b><u>Annual Examination</u></b> Full Syllabus

**Class –IX**  
**INFORMATION TECHNOLOGY**

<b>MONTH</b>	<b>TOPICS TO BE TAUGHT</b>	<b>TEST/EXAM SYLLABUS</b>
<b>APR</b>	Part A Unit 1-Communication Skills	
<b>MAY</b>	Unit II- Self Management Skills Unit III- Information and Communication Technology Skill	<b><u>Class Test – 1</u></b> Unit 1-Communication Skills
<b>JULY</b>	Unit III- Information and Communication Technology Skill	<b><u>Periodic Test – 1</u></b> Unit II- Self Management Skills Unit III- Information and Communication Technology Skill (Ch-1)
<b>AUG</b>	Part B Unit III-Digital Documentation Practical-Create documents, template,Use Stylesheets, Do formatting and Editing ,Use mail merge, Create labels and Envelops, create posters ,add images. Unit II-Data Entry & Keyboarding Skills	
<b>SEPT</b>	Part B Unit II-Data Entry & Keyboarding Skills	<b><u>Periodic Test – 2/ Half Yearly Examination</u></b> Part A Unit III- Information and Communication Technology Skill Part B- Unit III-Digital Documentation Unit II-Data Entry & Keyboarding Skills
<b>OCT</b>	Part B- Unit I- Introduction to IT-ITeS industry	
<b>NOV</b>	Part A Unit IV- Entrepreneurial Skills Unit V- Green Skills	<b><u>Class Test - 2</u></b> Part-B Unit I- Introduction to IT-ITeS industry
<b>DEC</b>	Part B Unit V: Digital Presentation Practical-Create slides, Do formatting and Editing ,Use and add shapes and images ,Add transitions and Animations ,Add buttons, Use Sound and Links.	<b><u>Periodic Test – 3</u></b> Part- A Unit IV- Entrepreneurial Skills Unit V- Green Skills

<b>JAN</b>	Part B Unit V: Digital Presentation Unit IV-Electronic Spreadsheet Practical- 1: Introduction to MySQL, Database creation, Table creation. • Create a new database (Select an example of your own wish). • View all database..	
<b>FEB</b> <b>MAR</b>	Revision	<u>Annual Examination</u> Full Syllabus

<b>Class IX</b> <b>HINDI COURSE-A (002)</b>		
MONTH	TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
<b>APR</b>	गद्य खंड- दो बैलों की कथा, काव्य खंड- सबद, वाख। व्याकरण- उपसर्ग व प्रत्यय।	
<b>MAY</b>	गद्य खंड- लहासा की ओर, इस जल प्रलय में (कृतिका) व्याकरण- समास, पत्र (औपचारिक) अनुच्छेद लेखन।	<b>Class Test- 1</b> गद्य खंड - दो बैलों की कथा। व्याकरण- पत्र (औपचारिक), अनुच्छेद लेखन।
<b>JULY</b>	गद्य खंड- उपभोक्तावाद की संस्कृति काव्य खंड- ग्रामश्री, कैदी और कोकिला। व्याकरण- अलंकार, संवाद लेखन, सूचना लेखन पत्र (अनौपचारिक)।	<b>Periodic Test- 1</b> गद्य खंड- लहासा की ओर। काव्य खंड- सबद। व्याकरण- उपसर्ग-प्रत्यय, अपठित गद्यांश/काव्यांश।
<b>AUG</b>	गद्य खंड- साँवले सपनों की याद में, मेरे संग की औरतें (कृतिका) काव्य खंड- सवैये, साखियाँ (कबीर) व्याकरण- अर्थ के आधार पर वाक्य के भेद, लघु कथा लेखन, औपचारिक ईमेल लेखन।	
<b>SEPT</b>	पुनरावृत्ति कार्य। पत्र, अनुच्छेद/निबन्ध।	<b>Periodic Test-2/ Half Yearly Examination</b> गद्य खंड- लहासा की ओर, उपभोक्तावाद की संस्कृति, साँवले सपनों की याद, इस जल प्रलय में (कृतिका), मेरे संग की औरतें (कृतिका)। काव्य खंड- साखियाँ, सवैये कैदी और कोकिला, ग्राम श्री।

		व्याकरण- उपसर्ग-प्रत्यय, समास, अर्थ के आधार पर वाक्य के भेद, अलंकार, अपठित गद्यांश/काव्यांश निबन्ध/अनुच्छेद, पत्र, संवाद लेखन / सूचना लेखन, लघु कथा / औपचारिक ईमेल लेखन।
OCT	गद्य खंड- प्रेमचंद के फटे जूते, रीढ़ की हड्डी (कृतिका)। व्याकरण- समास।	
NOV	गद्य खंड- मेरे बचपन के दिन। काव्य खंड- मेघ आए। व्याकरण- अलंकार।	<b>Class Test- 2</b> गद्य खंड- प्रेमचंद के फटे जूते। व्याकरण- पत्र (अनौपचारिक) , अनुच्छेद लेखन।
DEC	काव्य खंड- बच्चे काम पर जा रहे हैं। व्याकरण- अनुच्छेद-लेखन।	<b>Periodic Test-3</b> गद्य खंड- मेरे बचपन के दिन। काव्य खंड- मेघ आए। व्याकरण- समास, अलंकार, अपठित गद्यांश/ काव्यांश।
JAN	पुनरावृत्ति कार्य साहित्य एवं व्याकरण	
FEB MAR	पुनरावृत्ति कार्य साहित्य एवं व्याकरण।	<b>Annual Examination Full Syllabus</b>

Class –IX SUBJECT – PAINTING		
MONTH	TOPICS TO BE TAUGHT	TEST/EXAM SYLLABUS
APR	Fundamentals of visual arts Elements of Art	
MAY	Methods and Materials of Art Poster color Watercolor Oil color Pencils	<b>Periodic Test – 1</b> Fundamentals of Art, methods
JULY	Canvas painting Oil color Acrylic color	<b>Class Test – 1</b> Acrylic painting, Ganesha
AUG	Story of Indian Art <b>A- Painting</b> Ulizard's Dance (Bhimbethaka) Still Life with watercolor	
SEPT	Revision and Practical	<b>Periodic Test – 2/ Half Yearly Examination</b> Methods and Materials of Art, Elements of Art, Story of Indian Art Painting- Ulizard's Dance (Bhimbethaka)
OCT	Story of Indian Art <b>B- Sculpture</b> Yaksha - yakshi at R.B.I. New Delhi by Ramkinkar Vaij <b>C- Architecture</b> Sun Temple (Konark, Odisha)	
NOV	Revision and practical	<b>Class Test - 2</b> Fundamentals of Art Methods and Materials of Art Story of Indian Art
DEC	Folk Art - Floor Decoration Alpana, Rangoli, Mandana	<b>Periodic Test – 3</b> Rangoli and Alpana
JAN	Still life composition and life study	



<b>FEB</b> <b>MAR</b>	Revision	<u>Annual Examination</u> Full Syllabus
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