

City Montessori School, Lucknow

Syllabus 2024 – 2025

Class IX

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NOTE: Please refer to ICSE Council Syllabus and Scope of Syllabus 2026 for further reference.

AIMS AND OBJECTIVES

MORAL EDUCATION:

1. To develop in every student the essential elements of morality.
2. To develop the values and capabilities necessary for making right decisions and upright conduct.
3. To develop in them the attitude of open mindedness, to appreciate and be ready to accept others and to act constructively, not defensively.
4. To develop the skill of striving not only for good but to handle the conflicting situations without demeaning self and others.
5. To develop the ability to monitor themselves and find out constructive ways of conflict resolutions.
6. To promote the development of good character for the purpose of lessening crime and raising the standard of good citizenship.

ENGLISH:

1. To develop and integrate the use of four language skills i.e. listening, speaking, reading and writing.
2. To enhance the ability of the candidates to express their ideas and feelings in their own words and to understand the use of current English.
3. To provide candidates with exposure to good and appropriate literature in English.
4. To develop an interest in the appreciation of literature.
5. To use English effectively and appropriately.

HINDI:

1. To appreciate the language as an effective means of communication.
2. To acquire knowledge of the elements of the language.
3. To develop an interest in the language.
4. To understand the language when spoken at normal conversational speed.
5. To understand the basic structural patterns of the language, vocabulary and constructions.

HISTORY AND CIVICS:

1. To provide an understanding of the government, necessary for the student to grow into a responsible enlightened citizen in a secular democracy.
2. To enrich the understanding of those aspects of Indian historical development which are crucial to the understanding of contemporary India.
3. To awaken a desirable understanding in pupils of the various streams which have contributed to the development and growth of the Indian nation and its civilization and culture.
4. To develop a world historical perspective of the contributions made by various cultures to the total heritage of mankind.

GEOGRAPHY:

1. To develop an understanding of terms, concepts and principles related to geography.
2. To explain the cause-effect relationships of natural phenomena.

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Class IX

3. To understand the patterns and processes that affect human response to natural environment.
4. To understand the use of natural resources and development of regions by mankind.
5. To acquire knowledge of and appreciate the interdependence of nations and different regions of the world.
6. To know the availability of resources, understand, explain their uses and appreciate the problems of development.
7. To acquire practical skills related to the meaning and use of maps and their use in the study of geography.

MATHEMATICS:

1. To acquire knowledge and understanding of the terms, symbols, concepts, principles, processes, formulae, theorems etc of mathematics.
2. To develop an understanding of mathematical concepts and their application to further studies in mathematics and science.
3. To develop skills to apply mathematical knowledge to solve real life problems.
4. To develop the necessary skills to work with modern technological devices such as calculators and computers.
5. To develop drawing skills, skills of reading tables, charts and graphs.
6. To develop an interest in mathematics.

PHYSICS:

1. To acquire knowledge of the terms, facts, concepts, definitions, laws, principles and processes of Physics.
2. To develop skills in practical aspects of handling apparatus, recording observations, drawing diagrams, graphs and in deducing inferences.
3. To develop instrumental, communication and problem solving skills.
4. To discover that there is a living and growing Physics relevant to the modern age in which we live.

CHEMISTRY:

1. To acquire the knowledge of terms, concepts, processes, techniques and principles related to the subject.
2. To develop the ability to apply the knowledge of contents and principles of Chemistry in unfamiliar situations.
3. To acquire skills in proper handling of apparatus and chemicals.
4. To develop scientific temper, attitude and problem solving skills.

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BIOLOGY:

1. To acquire the knowledge of the economic importance of plants and animals.
2. To develop an understanding of the inter-relationship between sustainability and environmental adaptations.
3. To develop an understanding of the interdependence of plants and animals; to enable pupils to acquire a clear comprehension of the significance of life and its importance in human welfare.
4. To understand the capacities and limitations of all the biological and economic activities so as to be able to use it for a better quality of life.
5. To acquire the ability to observe, experiment, hypothesise, infer, handle equipments accurately and make correct recordings.

ECONOMICS:

1. To acquire the knowledge of terms, facts, concepts, principles, trends, assumptions etc.
2. To develop familiarity with the basic terminology and elementary ideas of Economics.
3. To acquire knowledge of contemporary economic problems and to appreciate the efforts being made to solve these problems.
4. To develop an understanding of the nation's physical and human resources and avoiding their misuse.
5. To understand the various economic processes that help in improving our standard of living.
6. To acquire skills in interpreting simple statistical data.

COMPUTER APPLICATIONS:

1. To develop an understanding of the basic programming concepts and structures.
2. To understand and appreciate the importance of Java as one of the object oriented programming language.
3. To apply programming concepts in finding the solutions to real life situations by building their own applications.

COMMERCIAL STUDIES:

1. To enable students to develop a perceptive, sensitive and critical response to the role of business in a global, national and local context.
2. To allow students to balance the demands of social parameters with individual aspirations.
3. To develop in students an appreciation for the roles of an entrepreneur and the professional manager.

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- To develop a co-operative attitude through study of the organisation and participation associated with commerce and industry.
- To provide an appropriate body of knowledge and understanding, and to develop appropriate skills as a basis for further study or work or both.

ENVIRONMENTAL SCIENCE:

- To acquire knowledge of the origin and functioning of the natural system and its correlation with the living world.
- To appreciate the influence of human activity on natural processes.
- To develop an awareness of the need and responsibility to keep the natural system in a condition that it sustains life.
- To develop sensitivity in personal attitudes to environmental issues.

MORAL EDUCATION FOR CLASS 9

Name of the Textbook: The Pathfinders Book I
Publisher: Royale Publishers

APRIL – SEPTEMBER (First Term)		
Suggested Month	Chapter Number	Page
April – May	1 – What is Destined for me	1-5
July	2 – The Pathfinders	6-10
August	3 – Determinism and God's Foreknowledge	11-16
September	Revision and Discussion	

OCTOBER – MARCH (Second Term)		
Suggested Month	Chapter Number	Page
October	4 – Laws and Free Will	17-21
November	5 – Truth Empowers	22-27
December	Revision and Discussion	

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ENGLISH LANGUAGE

Name of the Textbook: Total English for ICSE Class 9
Author: Xavier Pinto, P Pinto & Dr Avanti Nisha
Publisher: Morning Star

APRIL – SEPTEMBER (FIRST TERM)	
Suggested Month	Name of the Topic
April – May	Agreement of Verb with Subject
	Practice Paper 2
	Informal Letter
	Descriptive Essay
	Active and Passive Voice
	Direct and Indirect Speech
	Tenses and Their Uses I, II
	The Sequence of Tenses
	Prepositions
July	Practice Paper 3
	Transformation of Sentences – I, II
	Comprehension and Precis Writing
	Formal Letter
	Synthesis of Sentences
	Comparison of Adjectives
	Notice and Email
	Complete Functional Grammar
	Conditional Sentences
August	Practice Paper 4
	Comprehension and Precis Writing
	Informal Letter / Formal Letter
	Complete Functional Grammar
	Practice Paper 5
	Story Writing
September	REVISION
	HALF-YEARLY EXAMINATION

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OCTOBER – MARCH (SECOND TERM)	
October – November	Practice Paper 6
	Practice Paper 7
	Narrative Essay
	Complete Functional Grammar
	Notice and Email
December	Argumentative Essay
	Practice Paper 8
	Informal Letter
	Comprehension and Precis Writing
	Complete Functional Grammar
January	Practice Paper 9
	Picture Composition
	Formal Letter
	Comprehension and Precis Writing
	Complete Functional Grammar
February – March	REVISION
	ANNUAL EXAMINATION

PAPER I – English Language (80 marks) – 2 hours (Please refer to the Council Syllabus 2026)

Five questions will be set, all of which will be compulsory.

Question 1 – Composition (300 – 350 words) – 20 marks

Question 2 – Letter (Formal / Informal) – 10 marks

Question 3 – Notice and Email – 10 marks

Question 4 – Comprehension (about 450 words) – 20 marks

Question 5 – Functional grammar, structure and usage – 20 marks

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- Note:** (i) Oral and Aural assignments for the first term to be taken up at branch level between July to September and for the second term to be taken up between November to January.
- (ii) Please note the following suggestions for a formal letter addressed to 'The Editor'.
- ONLY** Sir / Madam to be written in salutation. Use of 'Dear' should be omitted.
 - Subscription to be written as 'Yours truly'.
 - Prescribed word limit for Precis Writing should be 50 words in accordance with the specimen paper sent by the Council.

INTERNAL ASSESSMENT

Paper I – ENGLISH LANGUAGE [20 marks]

- Schools will prepare, conduct and record assessments of the **Listening and Speaking Skills** of candidates as follows:

Class IX: Three assessments in the course of the year.

Class X: Two assessments in the course of the year.

- Pattern of Assessment**

- Listening Skills**

A passage of about 300 words is read aloud by the examiner *twice*, the first time at normal reading speed (about 110 words a minute) and the next time at a slower speed. Candidates may make brief notes during the readings. They then answer an objective type test based on the passage, on the paper provided.

The recommended number of candidates at a sitting is 30.

- Speaking Skills**

Each candidate is required to make an oral presentation of about two minutes, which will be followed by a discussion on the subject with the examiners, for about three minutes.

Subjects for presentation may include narrating an experience, providing a description, giving directions how to make or operate something, expressing an opinion, giving a report, relating an anecdote or commenting on a current event.

A candidate may refer to brief notes in the course of the presentation but reading or excessive dependence on notes will be penalised.

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It is recommended that candidates be given an hour for preparation of their subject for presentation and that they be given a choice of subject, on a common paper.

Evaluation

The assessment will be conducted jointly by the subject teacher and the external examiner who will each assess the candidate. (The External Examiner may be a teacher nominated by the Head of the School who could be from the faculty **but not teaching the subject in the section / class**. For example, a teacher of English of Class VIII may be deputed to be an External Examiner for Class X.)

Award of Marks

Listening Skills: 10 marks

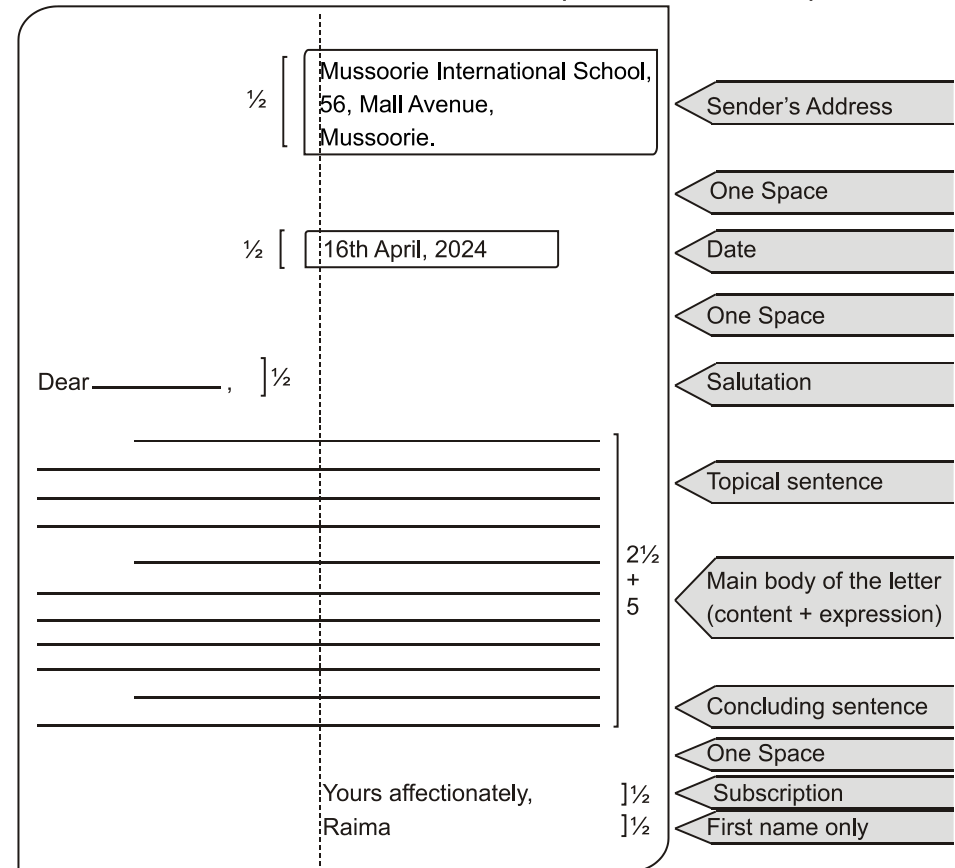
Speaking Skills: 10 marks

The total marks obtained out of 20 are to be sent to the Council by the Head of the School. The Head of the School will be responsible for the entry of marks, on the mark sheets provided by the Council.

Schools are required to maintain a record of all assessments conducted in Listening and Speaking Skills for candidates of Class IX and X. These include copies of the assessment tests, topics for presentation and marks awarded. The record will be maintained for a period of 2 months after the ICSE (10) examinations of the candidates concerned.

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Format of an Informal letter (Traditional Format)



Format: $2\frac{1}{2}$ Marks

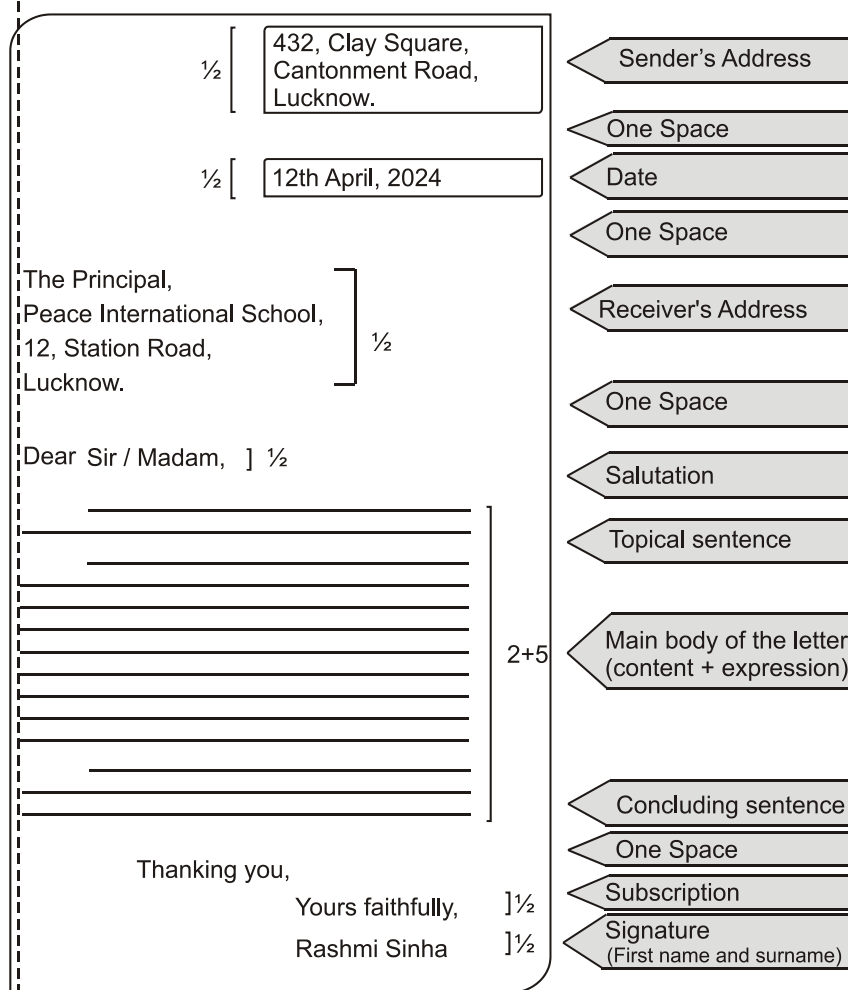
Content: $2\frac{1}{2}$ Marks

Expression: 5 Marks

Total: 10 Marks

Class IX

Format of a Formal Letter (Traditional Format)



Format: 3 Marks
 Content: 2 Marks
 Expression: 5 Marks
 Total: 10 Marks

SPECIMEN FOR NOTICE

War of Words [1]
 Inter-school Debate Competition [1]
 on 8th December, 2024 [1/2]
 from 9.00 a.m. to 12 noon [1/2]
 at Centenary Hall, St. Hilda's School [1/2 + 1/2]
 All pupils from Classes IX & X who wish to participate are to give their names to Mrs. T. Baker on or before 1st December 2024 [1]

SPECIMEN FOR EMAIL

principalbluebellschool@gmail.com [1/2]
 Invitation for the Inter-school Debate Competition [1/2]
 Dear Madam, [1/2]
 This is to inform you that our school is celebrating its 50th anniversary this year. As part of the celebrations we are hosting a series of competitions and we are beginning with 'War of Words', an inter-school debate competition. } Opening Sentence [1/2]
 It will be held on 8th December 2024 from 9.00 a.m. till 12 noon in the Centenary Hall of St. Hilda's School.
 Please do send your senior debate team to participate in the event. } Body [2]
 The topic will be given to the participants an hour before the start of the competition. They may bring their laptops for use during the preparation time.
 We look forward to your school's participation in the competition. [1/2]
 Thanking you,
 Yours faithfully, [1/2]
 Ashish Roy
 Debating Secretary

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Class IX

LITERATURE IN ENGLISH

Name of the Textbooks: 1. Julius Caesar
2. Treasure Chest – A Collection of ICSE Poems and Short Stories

Author: William Shakespeare

Publisher: 1. S. Chand & Company Ltd.
2. Evergreen Publication (India) Ltd.

APRIL – SEPTEMBER (FIRST TERM)		
Suggested Month	Name of the Chapter	Page
April – May	Julius Caesar	
	Act I Scene I	200
	Treasure Chest - A Collection of ICSE Poems and Short Stories	
	Bonku Babu's Friend (Short Story)	69
	The Night Mail (Poem)	20
July	Julius Caesar	
	Act I Scene II	204
	Treasure Chest - A Collection of ICSE Poems and Short Stories	
	Oliver Asks for More (Short Story)	83
	Skimbleshanks – The Railway Cat (Poem)	9
August	Julius Caesar	
	Act I Scene III	222
	Treasure Chest - A Collection of ICSE Poems and Short Stories	
	The Model Millionaire (Short Story)	87
	I Remember, I Remember (Poem)	13
September	REVISION	
	HALF YEARLY EXAMINATION	

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OCTOBER – MARCH (SECOND TERM)		
October – November	Julius Caesar	
	Act II Scene I	230
	Treasure Chest - A Collection of ICSE Poems and Short Stories	
	The Home-coming (Short Story)	94
	A Doctor's Journal Entry for August 6, 1945 (Poem)	16
December	Julius Caesar	
	Act II Scene II	250
	Treasure Chest - A Collection of ICSE Poems and Short Stories	
	The Boy who Broke the Bank (Short Story)	103
	A Work of Artifice (Poem)	7
January	Julius Caesar	
	Act II Scenes III and IV	258
February - March	REVISION	
	ANNUAL EXAMINATION	

PAPER II – Literature in English (80 marks) – 2 hours

Candidates will be required to answer questions based on the prescribed textbooks, which include **drama, prose and poetry**. (Please refer to the Council Syllabus 2026)

Internal Assessment/Unit Project

Two or three assignments of approximately 300 to 400 words each.

Topics for Unit Project –

Prose - Bonku Babu's Friend / The Home-coming

Poetry - I Remember, I Remember / A Doctor's Journal Entry for August 6, 1945

Assignments/Unit Projects should be based on the prescribed textbooks on the following lines:

- Character / thematic analysis
- Socio-economic, cultural, historical relevance / background
- Summary / paraphrase
- Appreciation of literary qualities
- Identifying with a character. Putting oneself in the place of a character in given circumstances and explaining one's actions
- Imagine alternative outcomes or endings in a literary piece and the effect on all concerned.
- Making a graphic representation of a scene/story/poem.

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(viii) Assume the persona of one of the characters (from the play/poem/story) and record a diary entry of a particular incident/episode.

- The topics for Unit Project will be assessed in the Term End Examinations.
- Kindly note that the students shall be tested on the entire course in English Literature in the Annual Examination.

हिंदी

Name of Textbook:

1. व्याकरण प्रबोध
2. साहित्य सागर (A Collection of ICSE Short Stories & Poems)

Publication

फुल मार्क्स
ऐवरग्रीन पब्लिकेशन्स

APRIL – SEPTEMBER			
Suggested Month	Chapter No.	Name of the Chapter	Page
April - May		पत्र – औपचारिक	
		चित्र-अध्ययन (परियोजना) (Unit Project)	
		पत्र – अनौपचारिक	
	1	बात अठन्नी की (सुदर्शन)-कहानी (Unit Project)	6
	1	साखी (कबीरदास)	74
		व्यावहारिक व्याकरण	
		निबंध – वर्णनात्मक	
		अपठित गद्यांश	
July		निबंध – सूक्ति परक	
	2	काकी (सियारामशरण गुप्त) – कहानी	10
	3	महायज्ञ का पुरस्कार (यशपाल)-कहानी	14
August	2	गिरिधर की कुंडलियाँ (गिरिधर कविराय)	76
September	4	नेताजी का चश्मा (स्वयं प्रकाश) – कहानी	20

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		व्यावहारिक व्याकरण	
		पुनरावृत्ति	
HALF-YEARLY EXAMINATION			
OCTOBER – MARCH			
October - November	3	स्वर्ग बना सकते हैं (दिनकर)	79
	5	अपना अपना भाग्य (जैनेन्द्र) – कहानी	26
		निबंध – विचारात्मक – (पक्ष / विपक्ष)	
	4	वह जन्मभूमि मेरी (सोहनलाल द्विवेदी)	82
December	6	बड़े घर की बेटी (प्रेमचंद) – कहानी	32
		निबंध – कल्पनात्मक	
	5	मेघ आए (सर्वेश्वर दयाल सक्सेना)	84
January	6	सूर के पद (सूरदास)	86
		व्यावहारिक व्याकरण	
February		पुनरावृत्ति	
ANNUAL EXAMINATION			

Note:

- Refer to the Council Syllabus 2026 for details.
- Unit Project topics will also be tested in the examination.

औपचारिक पत्र (प्रारूप काउन्सिल के अनुरूप)

नोट: दोनों पत्रों में प्रारूप के लिए 2 अंक, विषय-वस्तु के लिए 5 अंक।

प्रेषक का पता	सरस्वती सदन, तिलक पथ, दिल्ली - (पिनकोड)
एक लाइन छोड़ें	
दिनांक	28 मार्च, 2018
एक लाइन छोड़ें	
प्राप्तकर्ता का पता	सेवा में, संपादक महोदय, दैनिक जागरण, राजवीर नगर, दिल्ली - (पिनकोड)
एक लाइन छोड़ें	
संक्षिप्त मूल विषय	विषय: _____
एक लाइन छोड़ें	
सम्बोधन	महोदय/महोदया, सविनय निवेदन है कि _____
प्रारंभिक वाक्य तथा मुख्य कारण	_____। _____।
एक लाइन छोड़ें	
विषय विस्तार	_____। _____। _____।
एक लाइन छोड़ें	
अन्तिम अनुच्छेद	आशा है/अनुरोध है _____। _____।
एक लाइन छोड़ें	
अन्तिम वाक्य	कष्ट के लिए क्षमा कीजिएगा।
एक लाइन छोड़ें	
आभार	धन्यवाद।
एक लाइन छोड़ें	
समापन	भवदीय/भवदीया नाम _____

नोट - विद्यालयी पत्रों में प्रेषक का पता अनिवार्य नहीं है तथा समापन निम्न प्रकार से किया जा सकता है।
आपका आज्ञाकारी / आपकी आज्ञाकारिणी,
नाम - _____
कक्षा - _____ प्रभाग - _____
दिनांक - _____

अनौपचारिक पत्र (प्रारूप काउन्सिल के अनुरूप)

प्रेषक का पता	12, राम निवास, गाँधी पथ, पवई, मुंबई - (पिनकोड)
एक लाइन छोड़ें	
दिनांक	28 मार्च, 2018
एक लाइन छोड़ें	
सम्बोधन	पूज्य/प्रिय, सप्रेम नमस्कार।
अभिवादन	
एक लाइन छोड़ें	
प्रारम्भ	मैं यहाँ _____ _____ _____। _____ _____। _____ _____। _____ _____।
एक लाइन छोड़ें	
मुख्य विषय	सभी बड़ों को _____। _____।
एक लाइन छोड़ें	
समापन	आपका/तुम्हारा नाम _____
एक लाइन छोड़ें	
पत्र के अनुरूप	

Class IX

HISTORY AND CIVICS

Name of the Textbook: Total History and Civics 9

Author: Dolly Ellen Sequeira

Publisher: Morning Star

APRIL – SEPTEMBER			
Suggested Month	Chapter Number	Name of the Chapter	Page
		HISTORY	
April - May	1	The Harappan Civilisation	5-17
	2	The Vedic Period	18-31
		CIVICS	
	1	Our Constitution	136-141
	2	Salient Features of the Constitution – I	142-153
		CIVICS	
July	3	Salient Features of the Constitution – II	154-159
		HISTORY	
	3	Jainism and Buddhism	32-46
	4	The Mauryan Empire	47-55
		HISTORY	
August	5	The Sangam Age	56-64
	6	The Age of the Guptas	65-74
	7	Medieval India – (A) The Cholas	75-82
September		REVISION	
HALF-YEARLY EXAMINATION			

OCTOBER – MARCH			
		HISTORY	
October – November	8	Medieval India – (B) The Delhi Sultanate	83-89
	9	Medieval India – (C) The Mughal Empire	90-98
		CIVICS	
	4	Elections	160-166
	5	Local Self Government – Rural	167-174
		HISTORY	
December	10	Medieval India – (D) Composite Culture	99-109
	11	The Modern Age in Europe – (A) Renaissance	110-120
		CIVICS	
	6	Local Self Government – Urban	175-181
		HISTORY	
January	12	The Modern Age in Europe – (B) Reformation	121-125
	13	The Modern Age in Europe – (C) Industrial Revolution	126-134
February		REVISION	
ANNUAL EXAMINATION			

Note:

- A single notebook / register has to be maintained for History and Civics.
- It is advisable to follow the pattern of the question paper while doing written work.

Please refer to the Council Syllabus 2026 for details.

UNIT PROJECT	
Month	Topic
Oct-Nov	The Mughal Empire (Mughal Architecture)

- The topic of the Unit Project will also be tested in the examination.
- Project submission date – 10th December, 2024.

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GEOGRAPHY

Name of the Textbook: Total Geography – 9 (ICSE)
Author: Dolly E. Sequeira
 Jasmine Rachel
Publisher: Morning Star

APRIL – SEPTEMBER			
Suggested Month	Topic Number	Name of the Topic	Page
April – May	1	Earth as a Planet	7
	9	Weathering	74
	10	Denudation - Unit project	80
	4	Earth's Structure	36
		Map Work – Oceans, Seas, Gulfs and Straits	
July	5	Landforms of the Earth	41
	6	Rocks	49
	7	Volcanoes	60
	8	Earthquakes	66
		Map Work – Rivers	
August	2	Geographic Grid - Latitudes and Longitudes	16
	3	Rotation and Revolution	26
		Map Work – Mountains and Plateaus	
September	11	Hydrosphere	89
		REVISION	
HALF-YEARLY EXAMINATION			

OCTOBER – MARCH			
October – December	12	Composition and Structure of the Atmosphere	100
	13	Insolation	108
	14	Atmospheric Pressure and Winds	114
	15	Humidity	127
	16	Pollution	135
	17	Sources of Pollution	139

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	18	Effects of Pollution	146
January – February	19	Preventive Measures	154
	20	Natural Regions of the World	162
		Map Work – Natural Regions of the World	
		REVISION	
ANNUAL EXAMINATION			

Map Work:

The Oceans, Seas, Gulfs and Straits – All Major Oceans, Caribbean Sea, North Sea, Black Sea, Caspian Sea, South China Sea, Mediterranean Sea, Gulf of Carpentaria, Hudson Bay, Persian Gulf, Gulf of Mexico, Gulf of Guinea, Bering Strait, Strait of Gibraltar, Strait of Malacca.

Rivers — Mississippi, Colorado, Amazon, Paraguay, Nile, Zaire, Niger, Zambezi, Orange, Rhine, Volga, Danube, Murray, Darling, Hwang Ho, Yangtse Kiang, Ob, Indus, Ganga, Mekong, Irrawaddy, Tigris, Euphrates.

Mountains — Rockies, Andes, Appalachian, Alps, Himalayas, Pyrenees, Scandinavian Highlands, Caucasus, Atlas, Drakensberg, Khinghan, Zagros, Urals, Great Dividing Range.

Plateaus — Canadian Shield, Tibetan Plateau, Brazilian Highlands, Patagonian Plateau, Iranian Plateau, Mongolian Plateau.

The Major Natural Regions of the World – Equatorial, Tropical Monsoon, Tropical Deserts, Mediterranean type, Tropical grasslands, Temperate grasslands, Taiga and Tundra.

Note:

- Please refer to the Council Syllabus 2026 for further details.

UNIT PROJECT – Term 2		
Month	Topic	Date of Submission
April – July	Denudation	10 th July 2024

- The topic of the Unit Project will also be tested in the examination.

Class IX

MATHEMATICS

Name of the Textbook: Understanding ICSE Mathematics
Class IX (Edition: 2024)

Author: M. L. Aggarwal

Publisher: Avichal Publishing Company

APRIL – SEPTEMBER			
Suggested Month	Chapter Number	Name of the Chapter	Page
April – May	3	Expansions	68
	4	Factorisation	88
	7	Quadratic Equations	143
	5	Simultaneous Linear Equations	106
	6	Problems on Simultaneous Linear Equations	124
July – August	10	Triangles	180
	1	Rational and Irrational Numbers	1
	2	Compound Interest	40
	8	Indices	148
	9	Logarithms	163
	11	Mid-point Theorem	227
	12	Pythagoras Theorem	242
September	19	Coordinate Geometry	441
		REVISION	
HALF-YEARLY EXAMINATION			
OCTOBER – MARCH			
October – November	13	Rectilinear Figures (Unit Project)	259
	14	Theorems on Area	295

	15	Circle	322
December – February	20	Statistics (Unit Project)	472
	17	Trigonometrical Ratios	402
	18	Trigonometrical Ratios of Standard Angles	420
	16	Mensuration	344
		REVISION	
ANNUAL EXAMINATION			

Note:

- There will be one paper of two and a half hours duration carrying 80 marks (for Half-Yearly and Annual Examinations) and Internal Assessment of 20 marks.
- Topics for Unit Project – Rectilinear Figures and Statistics
 - * Unit Project is prescribed in the Second Term.
 - * Unit Project is to be submitted before the commencement of the winter vacation i.e. latest by 31st December, 2024.
 - * The chapters 'Rectilinear Figures' and 'Statistics' prescribed for Unit Project will also be assessed in the Annual Examination.
- All the concepts covered in the prescribed textbook may be tested in the Half-Yearly and Annual Examinations.
- The solution of a question may require the knowledge of more than one branch of the syllabus.
- The Assertion-Reason Type Questions for all the chapters given on pages 525 to 544 of the textbook may be done along with the chapters.
- Refer to the Council Syllabus 2026 for details.

PHYSICS

Name of the Textbook: Concise Physics Part I for Class IX
Authors: R.P. Goyal and S.P. Tripathi
Publisher: Selina Publishers

APRIL – SEPTEMBER			
Suggested Month	Chapter Number	Name of the Chapter	Page
April – May	1	Measurements and Experimentation	1
July	2	Motion in One Dimension	29
August	3	Laws of Motion	61
	4	Pressure in Fluids and Atmospheric Pressure	91
September	5	Upthrust in Fluids, Archimedes' Principle and Floatation	114
		REVISION	
HALF-YEARLY EXAMINATION			
OCTOBER – MARCH			
October	7	Reflection of Light (Unit Project)	163
November	7	Reflection of Light (continued)	
	8	Propagation of Sound Waves	192
December	9	Current Electricity	207
	10	Magnetism	223
January	10	Magnetism (continued)	
	6	Heat and Energy	139
February	6	Heat and Energy (continued)	
		REVISION	
ANNUAL EXAMINATION			

List of Practicals

According to ICSE 2026 Syllabus

Note: A set of 6 to 8 experiments may be conducted as given below. Some of the experiments may be demonstrated (with the help of the students) if these cannot be given to each student as lab experiments.

1	Determine the mean length and diameter of a cylinder using a Vernier Callipers.
2	Determine the mean radius of the given wire using a screw gauge.
3	Find the density of glass by measuring the mass and not the weight using a convenient balance and volume of a rectangular glass block using a metre rule.
4	Determine the mean volume of a metal ball by displacement method (using a measuring cylinder).
5	Draw 'l' vs 'T ² ' graph for a simple pendulum and hence calculate 'g' using the relation $g = 4\pi^2 \times \text{slope of 'l' vs 'T}^2 \text{' graph}$.
6	Find the upthrust acting on a metal ball when immersed in water (using a spring balance and a measuring cylinder). Also calculate weight of water displaced by noting the change in the level of water in the measuring cylinder and hence verify Archimedes' Principle.
7	Draw a graph of t _F (Fahrenheit thermometer reading) vs t _C (Celsius thermometer reading) by measuring the falling temperature of hot water using both the thermometers simultaneously. Obtain the slope. Compare with the theoretical value. Read the intercept on t _F -axis when t _C = 0.
8	Verify the Laws of Reflection using a strip of plane mirror.
9	Verify that the object distance is equal to the image distance in reflection due to a plane mirror.
10	Find the focal length of a concave mirror by (a) direct method, focusing the real image of a distant object on a wall or a screen. (b) One needle method (removing parallax).
11	Arrange an electric circuit (using a cell, key, two torch bulbs and wires) (a) When the bulbs are in series (b) When the bulbs are in parallel. Compare the brightness of the bulbs in the two situations and write your conclusion.
12	(a) Plot the earth's magnetic field lines (without any magnet nearby) using a magnetic needle.

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Class IX

	(b) Plot the magnetic field lines around a bar magnet. Identify the regions where the combined magnetic field of the magnet and the earth is: (i) strongest (ii) very weak but not zero (iii) zero. Why is neutral point so called?
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Note:

- The topic of the Unit Project (Reflection of Light) will also be tested in the examination.
- Topic for Unit Project has to be submitted before 31st January, 2025.

The following guidelines are applicable for the examination:

- **There will be one theory paper of two hours duration carrying 80 marks.**
The paper will be divided into two sections, **Section I** (40 marks) and **Section II** (40 marks).
Section I (compulsory) will consist of short answer questions on the entire syllabus.
Section II will consist of **six** questions. Candidates will be required to answer any **four** of these **six** questions.
- **Unless otherwise specified only SI units are to be used while teaching and learning, as well as for answering questions.**
- **The practical work will be evaluated internally for 10 marks.**
- **Internal Assessments: 10 marks**

Note: Refer to the Council Syllabus 2026 for further details.

CHEMISTRY

Name of the Textbook: Simplified ICSE Chemistry for Class IX
Author: Dr. Viraf J. Dalal
Publisher: Allied Publishers Private Limited

APRIL – SEPTEMBER			
Suggested Month	Chapter Number	Name of the Chapter	Page
April – May	1	The Language of Chemistry	1-18
	2	Chemical Changes and Reactions	19-32

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July	5	Periodic Table	79-93
	4	Atomic Structure and Chemical Bonding	50-78
August	3	Water	33-49
August - September	4B	Empirical formula and Molecular formula & numericals based on it (Class X)	88-91
		REVISION	
HALF-YEARLY EXAMINATION			

OCTOBER – MARCH			
Suggested Month	Chapter Number	Name of the Chapter	Page
October	7	Study of Gas Laws	113-124
November	8	Organic Chemistry - Introduction and nomenclature (Class X)	220-226
December	6	Study of the First Element – Hydrogen	94-112
January	8	Atmospheric Pollution	125-140
February		REVISION	
ANNUAL EXAMINATION			

List of Practicals

According to ICSE 2026 Syllabus

April – September
<ul style="list-style-type: none"> • Heating the compounds – Copper carbonate, zinc carbonate, washing soda, copper sulphate crystals, ammonium chloride, iodine, ammonium dichromate, zinc nitrate, copper nitrate and lead nitrate. • Flame test – A sodium salt, a potassium salt and a calcium compound. • Simple experiments based on hard water and soft water – Identification of hardness – simple softening – by heating the temporary hard water, using washing soda and advantage of using detergents over soap in hard water.

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October – February

- Identification of gases – Water vapour, sulphur dioxide, hydrogen, hydrogen chloride, hydrogen sulphide, oxygen, carbon dioxide, chlorine, ammonia and nitrogen dioxide.
- Action of dilute sulphuric acid on a sulphide, carbonate, sulphite and a metal.
- Find out sources of pollution of water bodies in the locality. Suggest preventive steps to control it.

Note:

- All chemical reactions should be studied with reference to the reactants, products, conditions, observations and the (balanced) equations.
- Refer to the Council Syllabus 2026 for details.

UNIT PROJECT – Term - I		
Month	Topic	Date of Submission
April – May	Chemical bonding	10 July

BIOLOGY

Name of the Textbook: Concise Biology I.C.S.E. Part I
(Revised and Enlarged) – Class IX
Author: H S Vishnoi
Publisher: Selina Publishers Pvt. Ltd.

APRIL – SEPTEMBER			
Suggested Month	Chapter Number	Name of the Chapter	Page
April-May	2	Cell: The Unit of Life	7
	3	Tissues: Plant and Animal Tissues	23
	18	Health Organisations	189
July	4	The Flower	33
	5	Pollination and Fertilization	39
	6	Seeds – Structure and Germination	49
August	10	Nutrition	101

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	11	Digestive System	109
September	9	Economic Importance of Bacteria and Fungi	87
		REVISION	
HALF-YEARLY EXAMINATION			
OCTOBER – MARCH			
October	7	Respiration in Plants	58
November	14	The Respiratory System	144
	8	Five Kingdom Classification	68
December	15	Hygiene	159
	19	Waste Generation and Management	193
	12	Skeleton – Movement and Locomotion	123
January	13	Skin – “The Jack of All Trades”	134
	16	Diseases: Cause and Control	166
February	17	Aids to Health	178
		REVISION	
ANNUAL EXAMINATION			

List of Practicals

1.	The examination of an onion peel under the microscope to study various parts of the cell.
2.	Identification, examination, labelling and study of a cross-pollinated flower – <i>Hibiscus</i> .
3.	Specimens of germinating seeds with plumule and radicle (the bean seed and maize grain) for examination, identification, drawing and labelling the parts.
4.	Examination of a human cheek cell under the microscope to study various parts of the cell.
5.	Identification of sugar, starch, protein and fat.
6.	Examination and identification of specimens belonging to Porifera, Coelenterata, Platyhelminthes, Nematelminthes, Annelida, Arthropoda, Mollusca and Echinodermata. Chordata – Pisces, Amphibia, Reptilia, Aves, Mammalia.
7.	Identification of the structure of the following organs through specimens / models and charts: lung and skin.

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Class IX

8.	Experiments to show the mechanism of breathing.
9.	Visit a few establishments in the locality and find out the type of wastes generated there and methods prevalent for their disposal. Prepare a report and suggest measures to improve environmental conditions.
10.	Visit a water treatment plant, sewage treatment plant or garbage dumping or vermicomposting sites in the locality and study their working.

Note:

- Please refer to the Council Syllabus 2026 for details.
- The topic of the Unit Project will also be tested in the examination.

UNIT PROJECT		
Month	Topic	Date of Submission
August	Economic Importance of Bacteria and Fungi	17 August

ECONOMICS

Name of the Textbook: ICSE Economics – Part I

Author: J. P. Goel

Publisher: Goyal Brothers Prakashan

APRIL – SEPTEMBER		
Suggested Month	Chapter Number	Name of the Chapter
April-May	1	Introduction to Economics
	2	Basic Economic Entities in an Economy
	3	Basic Concepts of Economics
July	4	Types of Economies
	5	Basic Problems of an Economy

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	6	Main Sectors of the Indian Economy
	7	Primary Sector – Agriculture
August	10	Poverty in India
	11	Problem of Unemployment in India
September		REVISION
HALF-YEARLY EXAMINATION		
OCTOBER – MARCH		
Suggested Month	Chapter Number	Name of the Chapter
October - November	8	Secondary Sector – Industry
	9	Tertiary Sector
	12	LPG Model (or New Economic Policy)
January	13	Emerging Trends in the Indian Economy
		Submission of Unit Project
February		REVISION
ANNUAL EXAMINATION		

Note:

- There will be one theory paper of **two** hours duration carrying 80 marks (for Half-Yearly and Annual Examinations)
- Please refer to the Council Syllabus 2026.
- Unit Project will be prepared in Second Term.
Topic for Project: Secondary Sector.

Class IX

COMPUTER APPLICATIONS

Name of the Textbook: Touchpad Computer Applications with BlueJ (9)

Author: Partha Saha

Publisher: Orange Education Pvt. Ltd.

APRIL – SEPTEMBER			
Suggested Month	Chapter Number	Name of the Chapter	Page
April-May	11	Computing and Ethics	241
	1	Principles of Object Oriented Programming	13
	2	Introduction to Java	25
	3	Elementary Concepts of Objects and Classes	35
	4	Values and Types	44
	5	Operators in Java	72
	7	Mathematical Library Methods	124
July	6	Input in Java	102
	8	Conditional Construct in Java (if, if-else, if-else-if)	140
August	8	Conditional Constructs in Java (switch case)	–
	9	Iterative Constructs in Java (only for loop)	174
September	9	Iterative Constructs in Java (only for loop) (continued)	–
		REVISION	
HALF-YEARLY EXAMINATION			
OCTOBER – MARCH			
Suggested Month	Chapter Number	Name of the Chapter	Page
October – November	9	Iterative Constructs in Java (Continued) (while and do-while)	-
December	10	Nested Loop	217
January		Nested Loop (continued)	-
February		REVISION	
ANNUAL EXAMINATION			

Note: Refer to the Council's ICSE 2026 Syllabus and Scope.

Topic for Unit Project – Computing and Ethics. Unit project has to be submitted before 1st August 2024.

The structure of the Question Paper for Class IX will be as follows:

There will be one written paper of two hours duration carrying 100 marks and Internal Assessment of 100 marks.

The paper will be divided into **two** Sections **A** and **B**.

Section A (Compulsory – 40 marks) will consist of compulsory short answer questions covering the entire syllabus.

Section B (60 marks) will consist of questions which will require detailed answers. There will be choice of questions in this section.

Entire syllabus prescribed by the Council for Class IX will be covered in the Annual Examination.

Project: A project file is to be made which will comprise of 10 programs in the Half-Yearly Examination and 10 programs in the Annual Examination. Each assignment in the project should contain source code, Variable Description table and sample input/output. (Handwritten or printouts of these can be put inside the project file).

Distribution of Marks for Half-Yearly Examination:

Examination (Theory paper) – 100 marks (weightage 50%)	-	50 marks
Computer Project	-	10 marks
Computer Practical Examination + Viva	-	20 marks
UNIT Project – 20 marks (weightage 25%)	-	5 marks
Unit Tests – 20 marks (weightage 75%)	-	15 marks
Total:		<u>100 marks</u>

Distribution of Marks for Annual Examination:

Examination (Theory paper) – 100 marks (weightage 50%)	-	50 marks
Computer Project	-	10 marks
Computer Practical Examination + Viva	-	20 marks
Unit Tests – 40 marks (weightage 50%)	-	20 marks
Total:		<u>100 marks</u>

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Class IX

COMMERCIAL STUDIES

Name of the Textbook: ICSE Commercial Studies Class IX

Author: C.B. GUPTA

Publisher: Goyal Brothers Prakashan

APRIL – SEPTEMBER		
Suggested Month	Chapter Number	Name of the Chapter
April – May	1	Commercial and Non-Commercial Activities
	2	Business Activities
	3	Profit and Non-Profit Organisations
	4	Classification of Commercial Organisations
	23	Trade
	10	Marketing and Sales
	11	Finance and Accounts
	12	Human Resources
	13	Production
	5	Sole Proprietorship
	6	Partnership
	7	Joint Stock Company
	8	Cooperative Society
	9	Public Sector Enterprises
August	24	Social Responsibility of Commercial Organisation towards the Environment
	22	Banking
		Submission of Unit Project
September		REVISION
HALF-YEARLY EXAMINATION		

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OCTOBER – MARCH		
October - November	19	Meaning, Objectives and Terminology of Accounting
	20	Basic Accounting Principles and Concepts
	21	Accounting Books and Statements
December	16	Communication in Commercial Organisations
	18	Different Methods of Communication
	14	Purchasing and Stores
January	15	General administration, Legal Compliance and MIS Departments
		REVISION
February		ANNUAL EXAMINATION

Note:

- There will be one theory paper of **two** hours duration carrying 80 marks (for Half-Yearly and Annual Examinations).
- **Please refer to the Council Syllabus 2026.**
- Unit Project to be prepared in the First Term.

Topic for Project: Banking

ART (60)

Name of the Drawing Books: Alankar Part 5, 10, 15

Artist: Chaman Kiran

Publisher: Nageen Prakashan (Meerut)

Still Life by Sanjay Shelar

APRIL – SEPTEMBER		No. of sessions
Suggested Months	Name of the Chapter	
April	Sketching and Basics of Drawings	2
	Still Life (Paper I)	
	A bucket and a plastic mug	5
	A bottle and a glass	5

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	Nature Drawing (Paper II)	
	Pansy, Rose	5+5
		(22)
May	Still Life (Paper I)	
	A school bag, a canteen bottle and an umbrella	5
		(5)
July	Nature Drawing (Paper II)	
	Hibiscus, Champa	5+5
	Still Life (Paper I)	
	Hot dog on a plate, Tropicana container and juice in a glass	5
	A roll of paper, books, dustbin and a mug	5
	A lamp shade, a water bottle and a folded newspaper	5
		(25)
August	Project Work:	
	Glass Painting, Sand work	10+10
	Nature Drawing (Paper II)	
	Bonsai	3
		(23)
September	Nature Drawing (Paper II)	
	Bonsai (Contd)	2
	Marigold	5
	Still Life (Paper I)	
	A basket full of fruits and vegetables, a packet of juice and a knife	7
		(14)
September	HALF-YEARLY EXAMINATION	
	OCTOBER – MARCH	
October	Still Life (Paper I)	
	Kitchen utensils: one tray, pressure cooker, bowl filled with uncooked Rajma and a grater	5
	A bottle of orange juice, a guava and a banana (peeled)	5
	Nature Drawing (Paper II)	

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	Sadabahar	5
		(15)
November	Project Work:	
	Fabric Painting, Oil Painting on canvas	10+10
		(20)
December	Still Life (Paper I)	
	Table cloth, a full plate, an apple and a glass of juice, a clock at the background	5
	Nature Drawing (Paper II)	
	Money Plant, Sunflower, Croton, Jasmine,	5+5+5+5
		(25)
January – February	Practice and complete the uncompleted work (if any)	
February – March	ANNUAL EXAMINATION	

Note: Please refer to the Council Syllabus 2026 for details.

PHYSICAL EDUCATION

Name of the Textbook: CANDID ICSE Physical Education For Class IX

Author: Sanjay Kundra

Publisher: EVERGREEN PUBLICATIONS (INDIA) LTD.

APRIL – SEPTEMBER			
Suggested Month	Chapter Number	Name of the Chapter	Page
April – May	1	The Human Anatomy and Physiology	9-19
July	2	Muscular System	20-28
August	2	Muscular System (Continued)	
April – September	Sec B	Any two of the following games to be studied: Cricket, Football, Badminton, Basketball and Volleyball	

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		Physical Efficiency Tests	
September		REVISION AND PRACTICAL	
HALF-YEARLY EXAMINATION			

OCTOBER – MARCH			
October	3	Respiratory System	29-34
November	4	Circulatory System	35-41
December-January	5	Games and Sports (excluding Motivation 5A and 5B)	42-54
October – January	Sec B	Any two of the following games to be studied: Cricket, Football, Badminton, Basketball and Volleyball	
December – January		Physical Efficiency Tests	
February		REVISION AND PRACTICAL	
ANNUAL EXAMINATION			

Note:

- There will be one written paper of two hours duration carrying 80 marks (for Half-Yearly and Annual Examinations).
- **Please refer to the Council Syllabus 2026 for details.**

UNIT PROJECT		
Month	Topic	Date of Submission
April - July	Any one game	1 st August, 2024

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ENVIRONMENTAL SCIENCE

Name of the Textbook: ICSE Environmental Science – IX

Author: Amita Ganguly

Publisher: Marina Publications

APRIL – SEPTEMBER		
Suggested Month	Chapter Number	Name of the Chapter
April	1	Understanding our Environment
May	2	Living Things in Ecosystems
July	3	How Ecosystems Work
	7	Atmosphere and Climate
August	5	Water
September	6	Air
		REVISION
HALF-YEARLY EXAMINATION		

OCTOBER – MARCH		
October	4	Kinds of Ecosystems
November	8	Soil and Land
December	9	People
January	10	Urbanisation
February	11	Agriculture
		REVISION
ANNUAL EXAMINATION		

Note:

- There will be one paper of two hours duration carrying 80 marks and Internal Assessment of 20 marks.
- The paper will have **two** Sections.
- Section A (Compulsory) will contain short answer questions covering the entire syllabus.
- Section B will contain **six** questions. Candidates will be required to answer any **four** questions from this section.

Refer to the Council Syllabus 2026 for details.

Class IX

ROBOTICS & ARTIFICIAL INTELLIGENCE

Name of the Textbook: Touchpad Robotics & Artificial Intelligence (9)

Author: Dr Saurabh Maheshwari

Publisher: Orange Education Pvt. Ltd.

APRIL – SEPTEMBER			
Suggested Month	Chapter Number	Name of the Chapter	Page
April-May		ROBOTICS	
	Part 1 Chapter 1	Introduction to Robotics Understanding Robots [Robot, Benefits of Robot]	17
		Evolution of Robots and Laws of Robotics	-
		Classification of Robots [Types of Robots]	-
		Real World Robots and their applications [Application of Robots]	-
	Part 1 Chapter 2	Robot as a System Building Blocks of Robots [Block Diagram of Robot, Micro-Controller, Micro-Processor, Power Supply, Sensor, Arduino Programming, LED Blinking, LED Pattern, LFR, Edge Avoider Robot, Object Avoider Robot, Ultrasonic Sensor]	50
July		Identification of Robots	-
	Part 1 Chapter 3	Concepts in Robotics [Link, Joints, Motion, Degree of Freedom]	72
		ARTIFICIAL INTELLIGENCE	
	Part 2 Chapter 1	Introduction to Artificial Intelligence AI (Meaning and brief history) [AI, History of AI, Turing Test]	93
		Applications and benefits of AI	-
August		Ethical Considerations in AI	
	Part 2 Chapter 2	Role of Data and Information, Evolution of Computing [Data, Information, Types of data]	121

		Evolution of computing [Logic gates (AND, OR, NOT, NAND, NOR, XOR, XNOR): Definition, symbolic representation, Truth table, expression, Number systems (Binary to other & other to Binary)]	-
		PYTHON	
	Part 2 Chapter 3	Introduction to Data and Programming with Python Familiarization with Python [Introduction to Python, Application & Advantages]	131
September		Introduction to Data types and variables [variables, Data types (int, float, boolean, tuple, list, strings)]	-
		Introduction to Operators and String Data Type in Python [Types of operators (arithmetic, logical, assignment, comparison, identity, membership)]	-
		REVISION	
HALF-YEARLY EXAMINATION			

OCTOBER – MARCH			
Suggested Month	Chapter Number	Name of the Chapter	Page
October – November		PYTHON	
		Conditional statements and Control statements [if, if else, Nested if else, switch, for, while, break, continue]	-
		Functions [Function, Types of Functions]	-
		Python continued..... [Practice]	-

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Class IX

December		MACHINE LEARNING	
	Part 2 Chapter 4	AI Concepts and AI Project Framework [Broad & Narrow AI, Strong & Weak AI]	189
		AI Domains (Computer Vision (CV)) [CV, Application, Benefits]	-
		AI Domains (Natural Language Processing (NLP)) [NLP, Application, Benefits]	-
January		AI Domains (Neural Networks (NN)) [NN, Application, Benefits]	-
		Components and Stages [AI Framework, AI PDLC]	-
February		REVISION	
ANNUAL EXAMINATION			

Note: Refer to the Council's ICSE 2026 Syllabus and Scope.

The structure of the Question Paper for Class IX will be as follows:

There will be one written paper of two hours duration carrying 100 marks and Internal Assessment of 100 marks.

The paper will be divided into **two** Sections **A** and **B**.

Section A (Compulsory – 40 marks) will consist of compulsory short answer questions covering the entire syllabus.

Section B (60 marks) will consist of questions which will require detailed answers. There will be choice of questions in this section.

Entire syllabus prescribed by the Council for Class IX will be covered in the Annual Examination.

Project: A project file is to be made which will comprise of at least 15 assignments in the session. Details of Assignments to be done during the year:

Broad Area	Number of Assignments
Robotics	2
Artificial Intelligence	3
Python (programming)	10
Total	15

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Distribution of Marks for Half-yearly and Annual Examination:

Examination (Theory paper) – 100 marks (weightage 50%)	-	50 marks
Project + Practical Examination + Viva	-	30 marks
Unit Tests – 40 marks (weightage 50%)	-	<u>20 marks</u>
Total:		<u>100 marks</u>