

**MOUNT COLUMBUS SCHOOL  
DAKSHINPURI, NEW DELHI – 62  
ANNUAL SYLLABUS (2024-25)  
CLASS IX**

**ENGLISH LANGUAGE & LITERATURE (184)**

**NAME OF THE BOOK: 1.BEEHIVE  
2.MOMENTS  
3. (PP PUBLICATIONS) CBSE ENGLISH  
LANGUAGE & LITERATURE PRACTICE  
BOOK  
4. (GODAN) SUPPLEMENTARY READER  
5.WORDS AND EXPRESSIONS-II**

<b><u>CHAPTER</u></b>	<b><u>ACTIVITIES</u></b>
<p><b><u>BEEHIVE (PROSE)</u></b> Ch-1 The Fun They Had Ch-2 The Sound of Music Ch-3. The Little Girl Ch-4 A Truly Beautiful Mind Ch-5 The Snake and the Mirror Ch-6 My Childhood Ch-8 Reach for the Top Ch-10 Kathmandu Ch-11 If I were you</p> <p><b><u>BEEHIVE (POETRY)</u></b> Poem-1 The Road Not Taken Poem-2 Wind Poem-3 Rain on the Roof Poem-4 The Lake Isle of Innisfree Poem-5 A Legend of the Northland Poem-6 No Men Are Foreign Poem-8 On Killing a Tree Poem-10 A Slumber did My Spirit Seal</p> <p><b><u>MOMENTS</u></b> Ch-1 The Lost Child Ch-2 The Adventures of Toto Ch-3 Iswaran the Storyteller Ch-4 In the Kingdom of Fools Ch-5 The Happy Prince Ch-7 The Last leaf Ch-8 A House is Not a Home Ch-10 The Beggar</p> <p><b><u>WRITING SKILLS</u></b> I. Writing a Descriptive Paragraph (word limit 100-120 words) on a person/event/situation based on visual or verbal cue/s. II. Writing a Diary Entry/ Story on a given title in 100-120 words.</p> <p><b><u>GRAMMAR</u></b> 1. Determiners 2. Tenses</p>	<p><b><u>MUSIC INTEGRATION</u></b> ✓ Write about atleast 6-7 Indian musical instruments (with pictures) (A-4 Size sheet)</p> <p><b><u>MORAL SCIENCE INTEGRATION</u></b> ✓ Make a Poster on ‘SAVE TREES’. (SDG-15) (A-3 size sheet)</p> <p><b><u>SOCIAL SCIENCE INTEGRATION</u></b> ✓ Prepare an itinerary for your 3 days and 2 nights stay in Kathmandu. (on A4 size sheet)</p>

3. Modals 4. Subject – verb concord 5. Reported speech * Commands and requests * Statements * Questions <b><u>PP PUBLICATION- CBSE ENGLISH</u></b> <b><u>LANGUAGE AND LITERATURE</u></b> * CHAPTER- 8 * PRACTICE PAPER – 1 TO 5(Pg No. 1-37)	
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**BLUE PRINT**  
**ENGLISH LANGUAGE AND LITERATURE (Code No. 184)**

**Maximum Marks – 80**

**Time Allowed – 3 Hours**

	<b>1 Mark</b>	<b>3 Marks</b>	<b>5 Marks</b>	<b>6 Marks</b>	<b>Total</b>	<b>WEIGHTAGE</b>
<b>Section A: (20 marks)</b>						25
Unseen Passage	20		-		20	
<b>Section B : (20 marks)</b>						25
Formal Letter	-		1		5	
Analytical Paragraph	-		1		5	
Grammar	10		-		10	
<b>Section C: (40 marks)</b>						50
Reference to the context (First Flight)	5		-		5	
Reference to the context (Footprints without feet)	5		-		5	
Short Answer Question (First Flight)	-	4	-		12	
Short Answer Question (Footprints without feet)	-	2			6	
Long Answer Question (First Flight)	-	-	-	1	6	
Long Answer Question (Footprints without feet)	-	-	-	1	6	
<b>Total</b>	<b>40X1=40</b>	<b>6X3=18</b>	<b>2X5=10</b>	<b>2X6=12</b>	<b>80</b>	<b>100</b>

## हिंदी (085)

### पाठ्यपुस्तक – स्पर्श भाग -1, संचयन और व्याकरण

#### परिचय

पाठ का नाम	क्रियाकलाप
<p><b>पाठ्यपुस्तक – स्पर्श भाग -2</b> <b>(गद्य भाग)</b> पाठ-1 दुःख का अधिकार पाठ-2 एवरेस्ट : मेरी शिखर यात्रा पाठ-3 तुम कब जाओगे, अतिथि पाठ-4 वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकट रामन पाठ-6 शुक्र तारे के समान</p> <p><b>(पद्य भाग)</b> पाठ-7 रैदास के पद पाठ-8 रहीम के दोहे पाठ-11 गीत-अगीत पाठ-12 अग्निपथ पाठ-13 1. नए इलाके में 2. खुशबू रचते हैं हाथ</p> <p><b>संचयन (पूरक पाठ्यपुस्तक)</b> पाठ-1 गिल्लू पाठ-2 स्मृति पाठ-3 कल्लू कुम्हार की उनाकोटी पाठ-4 मेरा छोटा सा निजी पुस्तकालय</p> <p><b>व्याकरण</b> शब्द और पद अनुस्वार एवं अनुनासिक उपसर्ग एवं प्रत्यय स्वर संधि विराम चिन्ह अर्थ की दृष्टि से वाक्य भेद अपठित गद्यांश अनुच्छेद लेखन, अनौपचारिक पत्र लेखन, चित्र वर्णन, संवाद लेखन</p>	<ul style="list-style-type: none"><li>• "सच्चाई की शक्ति" जैसे संदेश के साथ एक पोस्टर बनाएं और इसे कक्षा में प्रदर्शित करें। इसमें कुछ प्रेरणादायक पंक्तियाँ जोड़ें, जैसे: "सच्चाई की राह कठिन होती है, पर वही हमें मंज़िल तक पहुँचाती है।"</li><li>• अन्वेषण यात्रा</li><li>• कक्षा में मिट्टी या आटे से एक साधारण वस्तु (जैसे खिलौना, कटोरी, फूल) बनाएं</li><li>• पुस्तक समीक्षा गतिविधि</li><li>• मौखिक और लिखित अभ्यास (कार्य पत्र के माध्यम से)</li></ul>

प्रश्न-पत्र का प्रारूप

समय: 3 घंटे

पूर्णांक: 80

क्रम संख्या	पाठ्य क्रमानुसार इकाइयां	इकाई पर आवंटित अंक	अंक वार प्रश्नों की संख्या					कुल प्रश्न
			1 अंक	2 अंक	3 अंक	4 अंक	5 अंक	
1	अपठित गद्यांश	14	6	4		-	-	2
2	<b>व्याकरण परिचय</b> शब्द और पद अनुस्वार एवं अनुनासिक उपसर्ग एवं प्रत्यय स्वर संधि विराम चिन्ह अर्थ की दृष्टि से वाक्य भेद	02 02 04 03 02 03		3		1	-	6
3	<b>पाठ्यपुस्तक - स्पर्श भाग -2 (गद्य भाग)</b> पाठ-1 दुःख का अधिकार पाठ-2 एवरेस्ट : मेरी शिखर यात्रा पाठ-3 तुम कब जाओगे, अतिथि पाठ-4 वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकट रामन पाठ-6 शुक्र तारे के समान <b>(पद्य भाग)</b> पाठ-7 रैदास के पद पाठ-8 रहीम के दोहे पाठ-11 गीत -अगीत पाठ-12 अग्निपथ पाठ-13 1. नए इलाके में 2. खुशबू रचते हैं हाथ <b>संचयन (पूरक पाठ्यपुस्तक)</b> पाठ-1 गिल्लू पाठ-2 स्मृति पाठ-3 कल्लू कुम्हार की उनाकोटी पाठ-4 मेरा छोटा सा निजी पुस्तकालय	11      11      08	5      5	3      3		-	2      2	
4	<b>लेखन</b> चित्र वर्णन, संवाद लेखन, पत्र-लेखन और अनुच्छेद-लेखन	20	-			-	4	4
	<b>योग</b>	<b>80</b>	<b>16X1=16</b>	<b>13X2=26</b>	<b>3X2=6</b>	<b>3X4=12</b>	<b>4x5=20</b>	<b>17</b>

## MATHEMATICS

NAME OF THE BOOK: Mathematics (NCERT)

Mathematics (RS Aggarwal)

UNIT	CHAPTER NAME
I) NUMBER SYSTEM	Ch – 1 Number Systems
II) ALGEBRA	Ch- 2 Polynomials Ch – 4 Linear Equations In Two Variables
III) COORDINATE GEOMETRY	Ch- 3 Coordinate Geometry
IV) GEOMETRY	Ch- 5 Introduction To Euclid's Geometry Ch- 6 Lines And Angles Ch- 7 Triangles Ch- 8 Quadrilaterals Ch- 9 Circles
V) MENSURATION	Ch- 10 Heron's Formula Ch- 11 Surface Areas And Volumes
VI) STATISTICS	Ch-12 Statistics

### BLUE PRINT

**Time :3 Hours.**

**Maximum Marks:80**

UNITS	UNIT NAME	MARKS
I	NUMBER SYSTEM	10
II	ALGEBRA	20
III	COORDINATE GEOMETRY	04
IV	GEOMETRY	27
V	MENSURATION	13
VI	STATISTICS	06
	TOTAL	80

**SUBJECT – SCIENCE (086)**

**NAME OF THE BOOK: NCERT SCIENCE**

**V.K SCIENCE PHYSICS**

**V.K SCIENCE CHEMISTRY**

**V.K SCIENCE BIOLOGY**

<b>CHAPTERS</b>	<b>ACTIVITY / EXPERIMENT</b>
PHYSICS Ch-8, Motion Ch-9, Force and Laws of Motion CH-10, Gravitation  Ch-11, Work and energy  Ch-12, Sound	_____ _____  <b><u>ACTIVITY</u></b> Talk show on How NASA uses gravity to study planets and moon? <b><u>EXPERIMENT</u></b> <ul style="list-style-type: none"><li>• Determination of the density of solid by using a spring balance and a measuring cylinder.</li><li>• Establish the relation between the loss in weight of a solid when fully immersed in<ul style="list-style-type: none"><li>(a) Tap water</li><li>(b) Strongly salty water with the weight of water displaced by it by taking at least two different solids.</li></ul></li></ul> <b><u>ACTIVITY</u></b> <ul style="list-style-type: none"><li>• Prepare a DIY STEM working model to demonstrate Kinetic and Potential energy.</li><li>• Write down summary of chapter work and energy in 20 lines</li></ul> _____
CHEMISTRY Ch-1, Matter in our Surrounding Ch-2, Is Matter Around us Pure? Ch-3, Structure of the Atom  Ch-4, Atoms and molecules	_____ _____  <b><u>ACTIVITY</u></b> <ul style="list-style-type: none"><li>• Prepare a wall hanging on the timeline depicting the discovery in the field of atoms.</li><li>• Prepare Pla card of at least five elements mentioning atomic number, electron number, symbol of element, atomic structure etc</li></ul> _____

BIOLOGY Ch-5 The Fundamental Unit of Life Ch- 6 Tissues  Ch-15, Improvement in food resources.	_____  _____  _____
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**BLUEPRINT**

**Time :3 Hours.**

**Maximum Marks:80**

Unit NO.	Unit	Marks
I	Matter- Its nature and Behaviour	25
II	Organization in living world	22
III	Motion, Force and Work	27
IV	Food, Food production	06
	Total	80

**SUBJECT- SOCIAL SCIENCE (087)**

**Name of the Book: India and the Contemporary World-I / Contemporary India-I  
/ Democratic Politics-I / Economics/Workbook**

CHAPTERS	ACTIVITIES
<b>HISTORY</b>	
Ch-1. The French Revolution Ch-2. Socialism in Europe and Russian Revolution Ch-3. Nazism and the Rise of Hitler	- - -
<b>GEOGRAPHY</b>	
Ch-1. India-Size and Location Ch-2. Physical Features of India Ch-3. Drainage Ch-4. Climate Ch-5. Natural Vegetation and Wildlife (Only Map Pointing to be evaluated in the annual exam) Ch-6. Population	- - - - -
<b>ECONOMICS</b>	
Ch-2. People as a Resources Ch-3. Poverty as a Challenge Ch-4. Food Security in India	- - -
<b>POLITICAL SCIENCE</b>	
Ch-1. What is Democracy? Why Democracy? Ch-2. Constitutional Design Ch-3. Electoral Politics Ch-4. Working of Institutions Ch-5. Democratic Rights	- - - - - Graphic organizer to summarize the coexistence of rights vs duties



### LIST OF MAPS

S.No.	SUBJECT	NAME OF THE CHAPTER	LIST OF AREAS TO BE MAP POINTED
1.	History	French Revolution	a. Outline political map of France Locate/label/identify; • Bordeaux, Nantes, Paris and Marseille
		Socialism in Europe and the Russian Revolution	a. Outline political map of world. Locate/label/identify major countries of Second World War: Axis Powers - Germany, Italy, Japan Allied Powers – UK, France, Former USSR and USA
2.	Geography	India: size & location	a. India - States with Capitals b. Tropic of Cancer, Standard Meridian (Location and Labelling) c. Neighbouring countries
		Physical Features of India	a. Mountain Ranges: The Karakoram, The Zaskar, The Shivalik, The Aravali, The Vindhya, The Satpura, Western & Eastern Ghats b. Mountain Peaks – K2, Kanchan Junga, Anai Mudi c. Plateau - Deccan Plateau, Chota Nagpur Plateau, Malwa Plateau d. Coastal Plains - Konkan, Malabar, Coromandel & Northern Circar (Location and Labelling)
		Drainage	a. Rivers: (Identification only) • The Himalayan River Systems-The Indus, The Ganges, and The Brahmaputra • The Peninsular Rivers-The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi b. Lakes: Wular, Pulicat, Sambhar, Chilika
		Climate	Annual rainfall in India, Monsoon wind directions
		Population	a. Population density of all states b. The state having highest and lowest density of population

**BLUEPRINT**

**TIME: 3 Hrs**

**MAX. MARKS: 80**

S. NO.	CHAPTERS	MARKS	TOTAL MARKS	WEIGHTAGE (%)
1	HISTORY		18+2 (MAP POINTING)	25
	Ch-1. The French Revolution Ch-2. Socialism in Europe and Russian Revolution Ch-3. Nazism and the Rise of Hitler MAP POINTING	6 6 6 2		
2	GEOGRAPHY		17+3 (MAP POINTING)	25
	Ch-1. India-Size and Location Ch-2. Physical Features of India Ch-3. Drainage Ch-4. Climate Ch-6. Population MAP POINTING	2 3 3 3 3 3 3		
3	ECONOMICS		20	25
	Ch-2. People as a Resources Ch-3. Poverty as a Challenge Ch-4. Food Security in India	6 7 7		
4	POLITICAL SCIENCE		20	25
	Ch-1. What is Democracy? Why Democracy? Ch-2. Constitutional Design Ch-3. Electoral Politics Ch-4. Working of Institutions Ch-5. Democratic Rights	4 4 4 4 4		

**Weightage given to all parts:**

**History- 20 Marks / Geography- 20 Marks / Political Science- 20 Marks /Economics- 20 Marks**

## INFORMATION TECHNOLOGY

Name of the Book-Basics of Information Technology

<b>CHAPTER</b>	<b>LAB ACTIVITY</b>
Employability Skills Unit 5 : Green Skills-I	<b>Research Phase (Computer lab)</b> <ul style="list-style-type: none"><li>• Assign each group a specific topic related to Green Computing, such as:<ul style="list-style-type: none"><li>• Energy-efficient hardware</li><li>• E-waste management</li><li>• Sustainable software practices</li><li>• Renewable energy sources for powering devices</li></ul></li></ul> <b>Creative Poster Activity</b> <ul style="list-style-type: none"><li>• Create a poster that promotes Green Computing practices (include key points, visuals, and a call to action encouraging responsible use of technology)</li></ul>
Subject Specific Skills Unit 2: Data Entry & Keyboarding Skills	<b>Typing Speed Test</b> <ul style="list-style-type: none"><li>• Use a keyboarding software or an online typing test tool to assess students' typing speed and accuracy.</li></ul> <b>Group Activity - Data Entry Challenge (Computer lab)</b> <p>Assign each group a different data entry challenge (e.g., entering a larger set of data, formatting it correctly, or creating a simple database).</p>

**BLUE PRINT**

**Time : 2 hrs.**

**Marks: 50**

<b>UNIT</b>	<b>OBJECTIVE TYPE QUESTIONS</b>	<b>SHORT ANSWER TYPE QUESTIONS</b>		<b>MAX. MARKS for Theory</b>
<b>Employability Skills</b>	<b>1 MARK EACH</b>	<b>2 MARKS EACH</b>		
Communication Skills-I	1			1
Self-Management Skills-I	1	1		3
ICT Skills-I	1			1
Entrepreneurial Skills-I	1	1		3
Green Skills-I		1		2
<b>Total</b>	<b>1 X 4=4 MARKS</b>	<b>2 X 3=6 MARKS</b>		<b>10</b>
<b>Subject Specific Skills</b>	<b>OBJECTIVE TYPE QUESTIONS  1 MARK EACH</b>	<b>SHORT ANSWER TYPE QUESTIONS  1 MARKS EACH</b>	<b>DESCRIPTIVE/ LONG ANS. TYPE QUESTIONS  4 MARKS EACH</b>	
Introduction to IT- ITeS industry	2	1		4
Data Entry & Keyboarding Skills	3		1	7
Digital Documentation	5	1		7
Electronic Spreadsheet	5	1	1	11
Digital Presentation	5	1	1	11
<b>Total</b>	<b>1X 20=20 MARKS</b>	<b>2 X 4=8 MARKS</b>	<b>4 X 3=12 MARKS</b>	<b>40</b>

# Artificial Intelligence

## Book: Artificial Intelligence

<b>Units</b>	<b>Session/Activity/Practical</b>
Section A: Unit 5: Green Skills-I	<ul style="list-style-type: none"><li>● Activity: Eco-Friendly Transportation</li><li>● Purpose: To evaluate transportation habits and promote sustainable alternatives.</li><li>● Survey: Conduct a survey among students and staff to gather data on their daily transportation methods (e.g., walking, biking, carpooling, public transit).</li><li>● Activity: Energy Audit at School</li><li>● Purpose: To understand and evaluate energy usage in the school.</li><li>● Data Collection: Students will survey the energy usage in different parts of the school (e.g., classrooms, computer labs, cafeteria). Action Plan: Develop strategies to reduce energy consumption, such as turning off lights when not in use, using energy-efficient bulbs, and promoting natural lighting.</li></ul>
Section B: Unit 3: Math for AI (Statistics & Probability)	<ul style="list-style-type: none"><li>● observe the number pattern and find the missing number.</li><li>● To find connections between sets of images and use that to solve problems,</li><li>● Uses of Statistics in daily life</li><li>● Students will explore the applications of statistics in real life .They collect data and can apply various statistical measures to analyze the data. Activity: Car Spotting and Tabulating Purpose: To implement the concept of data collection , analysis and interpretation. Activity Introduction:<ul style="list-style-type: none"><li>● In this activity, Students will be engaged in data collection and tabulation.</li><li>● Data collection plays a key role in Artificial Intelligence as it forms the basis of statistics and interpretation by AI.</li><li>● This activity will also require students to answer a set of questions based on the recorded data.</li></ul></li></ul>

## BLUEPRINT

Time : 2 hrs.

Marks: 50

UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS		MAX. MARKS for Theory
<b>Employability Skills</b>	<b>1 MARK EACH</b>	<b>2 MARKS EACH</b>		
Unit 1: Communication Skills-I	1			2
Unit 2: Self-Management Skills-I	1	1		2
Unit 3: ICT Skills-I	1			2
Unit 4: Entrepreneurial Skills-I	1	1		2
Unit 5: Green Skills-I		1		2
<b>Total</b>	<b>1 X 4=4 MARKS</b>	<b>2 X 3=6 MARKS</b>		10
<b>Subject Specific Skills</b>	<b>OBJECTIVE TYPE QUESTIONS</b>  <b>1 MARK EACH</b>	<b>SHORT ANSWER TYPE QUESTIONS</b>  <b>2 MARKS EACH</b>	<b>DESCRIPTIVE/ LONG ANS. TYPE QUESTIONS</b>  <b>4 MARKS EACH</b>	
Unit 1: AI Reflection, Project Cycle and Ethics	4	1	1	10
Unit 2: Data Literacy	4	1	1	10
Unit 3: Math for AI (Statistics & Probability)	3	2	-	7
Unit 4: Introduction to Generative AI	3	1	-	5
Unit 5: Introduction to Python	6	1	-	8
<b>Total</b>	<b>1X 20=20 MARKS</b>	<b>6 X 2=12 MARKS</b>	<b>2 X 4=8 MARKS</b>	<b>40</b>

## ART

1. **UNIT- 7 MISCELLANEOUS ART:** Monument (Pencil Shading- Pg.90), Madhubani Painting (Pg.93), Warli Art (Pg.96), Pattern Design (Pg.98)
2. **UNIT-8 ART HISTORY:** Dancing Girl, Mohenjo- Daro (Pg. 101), Buddhist Art (Pg. 106), Mughal Art (Pg.112), Kalighat Painting (Pg.114)

## WORK EDUCATION

1. **UNIT- 7 MISCELLANEOUS ART:** Monument (Pencil Shading- Pg.90), Madhubani Painting (Pg.93), Warli Art (Pg.96), Pattern Design (Pg.98)
2. **UNIT-8 ART HISTORY:** Dancing Girl, Mohenjo- Daro (Pg. 101), Buddhist Art (Pg. 106), Mughal Art (Pg.112), Kalighat Painting (Pg.114)