

**MOUNT COLUMBUS SCHOOL
DAKSHINPURI, NEW DELHI – 62**

Mid Term 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

CHAPTERS

BEEHIVE (PROSE)

Ch-1 The Fun They Had (As per PT I)

Ch-2 The Sound Of Music (As Per PT I)

Ch-3. The Little Girl (As Per PT I)

Ch-4 A Truly Beautiful Mind

Ch-5 The Snake and the Mirror

BEEHIVE (POETRY)

Poem-1 The Road Not Taken (As per PT I)

Poem-2 Wind (As per PT I)

Poem-3 Rain On The Roof (As per PT I)

Poem-4 The Lake Isle of Innisfree

MOMENTS

Ch-1 The Lost Child (As per PT I)

Ch-2 The Adventures Of Toto (As per PT I)

Ch-3 Iswaran the Storyteller

Ch-4 In the Kingdom of Fools

SUPPLEMENTARY READER

Chapter- 11 to 15

WRITING SKILLS

1. DESCRIPTIVE PARAGRAPH (DESCRIBING
A PERSON / EVENT / SITUATION) (As per PT
I)

2. STORY WRITING

GRAMMAR

1. Determiners (As per PT I)

2. Tenses (As per PT I)

3. Modals

WORDS AND EXPRESSIONS – II

1. Chapter 5

2. Chapter 6

3. Chapter 7

ACTIVITIES

**1. ART INTEGRATED- STORY CORNERS
(FLIPPED LEARNING)**

Ch-4. A Truly Beautiful Mind- The Teacher will paste certain paragraphs from the chapter on different walls in the classroom. Students will be divided into respective groups and will be given numbers from (1-6). Each child will read their part of the story and discuss it with their teammates.

Ch-5. The Snake and the Mirror- Prepare a cover page for the ‘The Snake and the Mirror’ (on an A4 size sheet)

**2. SCIENCE INTEGRATED- LITTLE
EXPLORERS**

Ch-6. My Childhood- India's first solar mission, Aditya L1, is a groundbreaking venture launched by the Indian Space Research Organisation (ISRO) on September 2, 2023. Find out the details, paste pictures and write an article on it. (A-4 size sheet)

3. ART INTEGRATION- BLACKOUT ART

Poem- 5 A Legend of the Northland- Students will encircle the new words and highlight those words with a pencil. Students will use their dictionary to find their meanings. Later they will create sentences or paragraphs including those words.

4. CH-4. IN THE KINGDOM OF FOOLS-

Make a comic strip (about 6 pages) of the chapter ‘In The Kingdom of Fools’.

CBSE ENGLISH LANGUAGE AND LITERATURE

1. Story Writing
2. Tenses
3. Determiners
3. Modals
4. Literature

BLUE PRINT

Maximum Marks= 80

Time Allowed – 3 Hours

	1 Mark	3 Marks	5 Marks	6 Marks	Total	Percentage % Weightage
Section : A (20 marks)						25
Unseen Passage	20	-	-		20	
Section B : (20 marks)						25
Story Writing	-	-	1		5	
Descriptive Writing	-	-	1		5	
Determiners, Tenses and Modals	10	-	-		10	
Section C: (40 marks)						50
Reference to the context (Beehive)	5	-			5	
Reference to the context (Moments)	5				5	
Short Answer Question (Beehive)	-	4	-		12	
Short Answer Question (Moments)		2			6	
Long Answer Question (Beehive)		-	-	1	6	
Long Answer Question (Moments)				1	6	
Total	40X1=40	6X3=18	2X5=10	2X6=12	80	100

पाठ्यपुस्तक - स्पर्श, संचयन और व्याकरण परिचय

पाठ का नाम	क्रियाकलाप
<p>पाठ्यपुस्तक - स्पर्श</p> <p>गद्य खंड</p> <p>पाठ-1 दुःख का अधिकार (पी टी-1 के अनुसार)</p> <p>पाठ-2 एवरेस्ट : मेरी शिखर यात्रा</p> <p>पाठ-4 तुम कब जाओगे, अतिथि</p> <p>काव्य खंड</p> <p>पाठ- 7 रैदास: अब कैसे छूटे राम, नाम...</p> <p>ऐसी लाल तुझ बिनु (पी टी-1 के अनुसार)</p> <p>पाठ-8 रहीम : दोहे</p> <p>पाठ-13. रामधारी सिंह दिनकर- गीत-अगीत</p> <p>संचयन</p> <p>पाठ-1 गिल्लू (पी टी-1 के अनुसार)</p> <p>पाठ-2 स्मृति</p> <p>व्याकरण परिचय</p> <ul style="list-style-type: none"> ● शब्द और पद (पी टी-1 के अनुसार) ● अनुस्वार एवं अनुनासिक (पी टी-1 के अनुसार) ● उपसर्ग एवं प्रत्यय ● स्वर संधि ● विराम चिन्ह ● अर्थ की दृष्टि से वाक्य भेद ● अपठित गद्यांश ● चित्र वर्णन, संवाद लेखन, पत्र-लेखन और अनुच्छेद-लेखन 	<ul style="list-style-type: none"> ● मानचित्र पर भारत की प्रमुख नदियों के उद्गम स्थल अंकित करें ● प्रोजेक्ट -भारतीय शास्त्रीय संगीत की यात्रा ● भारतीय शास्त्रीय संगीत की पुस्तक का बाह्य पृष्ठ तैयार करना ● अपने बचपन की किसी खास याद के बारे में संवाद लेखन मित्र के सहयोग से लिखिए ● मौखिक और लिखित अभ्यास (कार्यपत्रक के माध्यम से) ● अपने मनपसंद चित्र को देखकर वर्णन करें

क्रम संख्या	पाठ्य क्रमानुसार इकाइयां	इकाई पर आवंटित अंक	अंक वार प्रश्नों की संख्या					कुल प्रश्न	प्रतिशत (100%)
			1 अंक	2 अंक	3 अंक	4 अंक	5 अंक		
1	अपठित गद्यांश	14	6	4		-	-	2	17.50
2	व्याकरण परिचय <ul style="list-style-type: none"> ● शब्द और पद 02 ● अनुस्वार एवं अनुनासिक 02 ● उपसर्ग एवं प्रत्यय 04 ● स्वर संधि 03 ● विराम चिन्ह 02 ● अर्थ की दृष्टि से वाक्य भेद 03 			3	2	1	-	05	20
3	पाठ्यपुस्तिक गद्य खंड पाठ-1. दुःख का अधिकार पाठ-2. एवरेस्ट : मेरी शिखर यात्रा पाठ-4. तुम कब जाओगे, अतिथि पाठ-5. वैज्ञानिक चेतना के वाहक चंद्रशेखर वेंकट रामन काव्य खंड पाठ- 7 रैदास: अब कैसे छूटे राम, नाम... ऐसी लाल तुझ बिनु पाठ-8 रहीम : दोहे पाठ-13. रामधारी सिंह दिनकर- गीत-अगीत संचयन पाठ-1. गिल्लू पाठ-2 स्मृति	11	5	3			-	05	13.75
		11	5	3					13.75
		08				2			10
4	लेखन चित्र वर्णन, संवाद लेखन, पत्र-लेखन और अनुच्छेद-लेखन	20	-				-	4	25
	योग	80	16X1=16	13X2=26	3X2=6	1X4=4	4X5=20	16	100

MATHEMATICS

NAME OF THE BOOK: Mathematics (NCERT)

Mathematics (RS Aggarwal)

Name of the chapter	Lab Activity
Chapter 1: Number System (As per PT-1)	-
Chapter 2: Polynomials	Factorization of polynomials of type $ax^2 + bx + c$, by splitting; where a, b, c are real numbers and a is a non-zero real number.
Chapter 3: Coordinate Geometry (As per PT-1)	-
Chapter : 4 Linear Equations in Two Variables	To obtain a linear equation and draw a graph to represent the equation.
Chapter 5: Introduction to Euclid's Geometry	To find the following with the help of paper folding method: <ol style="list-style-type: none">1. The mid-point of a line segment.2. The perpendicular bisector of a line segment.3. The bisector of an angle.4. The perpendicular to a line from a point given outside it.5. The perpendicular to a line at a point given on the line.6. The median of a triangle.
Chapter 6: Lines and Angles (As per PT-1)	-
Chapter 7: Triangles	To verify experimentally the different criterion for congruency of triangles using triangle cut-outs or paper folding.
Chapter 11: Surface Areas and Volumes (As per PT-1)	-

BLUEPRINT**Time: 3 Hours****Maximum Marks: 80**

S.No	CHAPTERS	Objective Questions (1Mark)	Very Short Questions (2 Marks)	Short Questions (3 Marks)	Source Based Questions (4 Marks)	Long Questions (5 Marks)	Total Marks	Percentage (%) Weightage
1.	Chapter 1: Number System	4	1	2	-	-	12	15
2.	Chapter 2: Polynomials	4	1	-	1	1	15	18. 75
3.	Chapter 3: Coordinate Geometry	3	1	-	1	-	09	11. 25
4.	Chapter : 4 Linear Equations in Two Variables	2	2	-	-	-	06	7.5
5.	Chapter 5: Introduction to Euclid's Geometry	2	-	1	-	-	05	6.2 5
6.	Chapter 6: Lines and Angles	2	-	2	-	1	13	16. 25
7.	Chapter 7: Triangles	1	-	-	-	1	06	7.5
8.	Chapter 11: Surface Areas and Volumes	2	-	1	1	1	14	17.5 0
Total		1X20= 20	2X5=1 0	3X6=1 18	4X3=1 2	5X4=2 0	80	100

SUBJECT – SCIENCE (086)

**NAME OF THE BOOK: NCERT SCIENCE
V.K SCIENCE PHYSICS
V.K SCIENCE CHEMISTRY
V.K SCIENCE BIOLOGY**

SUBJECT	CHAPTERS	ACTIVITY / EXPERIMENT
PHYSICS	Ch-9, Force and Laws of Motion Ch-8, Motion (As per PT I)	<u>ACTIVITY</u> <ul style="list-style-type: none"> • Prepare a mini magazine covering the applications of Newton’s Three Laws of Motion in our daily life.
CHEMISTRY	Ch-1, Matter in our Surrounding (As per PT I) Ch-4, Is matter around us pure?	- <u>ACTIVITY</u> <ul style="list-style-type: none"> • To prepare a mini flip book of the chapter. <u>EXPERIMENTS</u> <ul style="list-style-type: none"> • Preparation of true solution, suspension and colloidal solution and distinguish between these three on the basis of transparency, filtration criterion and stability. • Preparation of mixture and compound.
BIOLOGY	Ch-6, Tissue Ch-5, The Fundamental Unit of Life (As per PT I)	<u>ACTIVITY</u> <ul style="list-style-type: none"> • Prepare a skit on the topic of tissues in plants and animals. Use 3D props to explain the structure. • Collect different plant samples and describe the plant tissues present in them. <u>EXPERIMENTS</u> <ul style="list-style-type: none"> • Identification of Parenchyma, Collenchyma & Sclerenchyma tissue in plants, striped, smooth and cardiac muscles fibers and nerve cell in animals from prepared slides. Draw their labeled diagram.

BLUEPRINT

TIME: 3 Hrs.

MAX. MARKS: 80

S.No	CHAPTERS	Objective Questions (1Mark)	Very Short Questions (2 Marks)	Short Questions (3 Marks)	Source Based Questions (4Marks)	Long Questions (5 Marks)	Total Marks	Percentage (%) Weightage
1	Ch-1 Matter in Our Surroundings	4	1	1	1	1	18	22.5
2	Ch-4, Ch-4, Is matter around us pure?	3	1	1	-	-	8	10
3	Ch- 5 The Fundamental Unit of Life	3	1	1	1	-	12	15
4	Ch-6 Tissue	2	1	2	-	1	15	18.75
5	Ch- 8 Motion	4	1	1	1	-	13	16.25
6	Ch- 9 Force and laws of motion	4	1	1	-	1	14	17.5
Total		1X20=20	2X6=12	3X7=21	4X3=12	5X3=15	80	100

SUBJECT- SOCIAL SCIENCE (087)

Name of The Book: India and The Contemporary World-I

Contemporary India-I

Democratic Politics-I

Economics (NCERT)

Workbook

CHAPTERS	ACTIVITIES
HISTORY	
Ch-1. The French Revolution Ch-2. Socialism in Europe and the Russian Revolution. Ch-4. Forest, Society and Colonialism (Interdisciplinary project)	1. Map Work - Outline political map of world locate/label/identify major countries of World War: central powers - Germany, Austria-Hungary, Turkey (Ottoman Empire) Allied Powers-France, England, Russia and USA 2. Graphic Organisers Inter disciplinary project with chapter no. 5 of Geography “Natural Vegetation and Wildlife”.
GEOGRAPHY	
Ch1. India – Size and Location (As per the PT – 1) Ch-2. Physical Features of India (As per the PT- 1) Ch -3. Drainage Ch -5. Natural Vegetation and Wildlife (Only map pointing) (Interdisciplinary project)	- - 1. Map Work - Rivers: (Identification only) <ul style="list-style-type: none">● The Himalayan River Systems-The Indus, The Ganges, and The Sutlej● The Peninsular Rivers-The Narmada, The Tapi, The Kaveri, The Krishna, The Godavari, The Mahanadi● Lakes: Wular, Pulicat, Sambhar, Chilika 2. Annual rainfall in India, Monsoon wind directions Inter disciplinary project with chapter no. IV of History “Forest, Society and Colonialism

ECONOMICS	
Ch-2. People as Resource Ch – 3. Poverty as a challenge	1. Neighborhood survey on employment /employability in neighborhood, analyze the quality of neighborhood and present in PPT format.
POLITICAL SCIENCE	
Ch-1. What is democracy? Why democracy? (As per the PT – 1) Ch-2. Constitutional Design Ch-3. Electoral Politics	- 1. Wall magazine for Comparing and contrasting between Preamble of South African constitution with the preamble of Indian constitution 2. Role play strategy for creation of Indian constitution 3. Create multiple parties and create symbols for elections 4. Street play to create awareness about the right to vote.

BLUEPRINT

TIME: 3 Hrs

MAX. MARKS: 80

S. No	Name of the Chapters	MCQ (1 Mark)	Very Short Type Question (2 Marks)	Short Type Question (3 Marks)	Long Question (5 Marks)	Source/ Case Based Question (4 Marks)	Map Skill (1 Mark)	Total Marks	Percentage (%) Weightage
1	Ch-1. The French Revolution	3	-	-	1	-	2	10	12.5
2	Ch-2. Socialism in Europe and the Russian Revolution	1	1	1	-	1	-	10	12.5
3	Ch1. India – Size and Location	1	1	1	-	-	-	06	7.5
4	Ch-2. Physical Features of India	1	-	-	1	-	-	06	7.5
5	Ch-3. Drainage	1	-	-	-	1	1	06	7.5
6	Ch -5. Natural Vegetation and Wildlife	-	-	-	-	-	2	02	2.5
7	Ch-2. People as Resource	2	-	1	1	-	-	10	12.5
8	Ch – 3. Poverty as a challenge	4	1	-	-	1	-	10	12.5
9	Ch-1. What is democracy ? Why democracy ?	1	1	1	-	-	-	06	7.5
10	Ch-2. Constitutional Design	3	-	1	-	-	-	06	7.5
11	Ch-3. Electoral Politics	3	-	-	1	-	-	08	10
	Total	1 x 20 = 20	2 x 4 = 08	3 x 5 = 15	5 x 4 = 20	4 x 3 = 12	1 x 5 = 05	80	100

INFORMATION TECHNOLOGY

Name of the Book-Basics of Information Technology

Unit	Activity/Practical
Communication Skills – I(As per PT-1)	-
Self-Management Skills -I(As per PT-1)	-
Unit 3 Information and Communication Technology skills-I	Practical Identification of the various input and output units and explanation of their purposes Demonstration of the uses of printers, webcams, scanner and other peripheral devices Activity Preparing posters / collages for showing the role of ICT at workplace
Part B	
Unit 1 Introduction to IT-ITes Industry(As per PT-1)	-
Unit 3 Digital documentation(As per PT-1)	-
Unit 4 Electronic spreadsheet	Activity 1. Create a simulated real-world scenario (e.g., managing a small business or personal finances) - Ask students to use spreadsheets to make financial decisions and track progress 2. Create a database in Excel to store and manage data (e.g., student records, inventory). - Use filters, sorts, and queries to manipulate and analyze data.

Max. Time: 2 Hours

BLUEPRINT

Max. Marks: 50

PART A - EMPLOYABILITY SKILLS (10 MARKS):

Unit No	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARK EACH	
1	Communication Skills – I	1	1	2
2	Self-Management Skills -I	2	1	3
3	ICT Skills - I	1	1	2

PART B - SUBJECT SPECIFIC SKILLS (40 MARKS):

Unit No	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS 1 MARK EACH	SHORT ANSWER TYPE QUESTIONS 2 MARK EACH	LONG ANS. TYPE QUESTIONS 4 MARK EACH	TOTAL QUESTIONS
1	Unit 1 Introduction to IT-ITes industry	5	1		6
2	Unit 3 Digital documentation	5	1	1	7
3	Digital Documentation	5	1	1	7
4	Electronic spreadsheet	5	1	1	7

Artificial intelligence (SUBJECT CODE - 417)

Name of The Book: Kips Artificial Intelligence

CHAPTER	PRACTICAL/ACTIVITY
PART A: EMPLOYABILITY SKILLS I	
UNIT I: COMMUNICATION SKILLS I(as per PT I) UNIT II: SELF MANAGEMENT SKILLS I(as per PT I)	
UNIT III: ICT SKILLS I UNIT IV: ENTREPRENEURSHIP SKILLS I	<ul style="list-style-type: none"> • The teacher will facilitate these activities by showing you the e-learning module for this lesson via https://www.psscive.ac.in/publications/employability-skills . The module will include videos and e-content. • Class will be divided into 3 groups; each group needs to make a list of business ideas, which are either Product, Service or Hybrid, based. Each group will prepare a poster by either making a drawing or using newspaper cutouts for the kinds of business they have selected.
PART B: SUBJECT SPECIFIC SKILLS	
UNIT I: AI REFLECTION, PROJECT CYCLE and ETHICS	<ul style="list-style-type: none"> • Session: Introduction to AI and setting up the context of the curriculum • Activity: Make a statement about lighting and LUIS will interpret and adjust the house accordingly https://aidemos.microsoft.com/luis/demo • Recommended Activity: The AI Game • Learners to participate in three games based on different AI domains. – Game 1: Rock, Paper and Scissors (based on data) https://next.rockpaperscissors.ai/ – Game 2: Semantris (based on Natural Language Processing - NLP) https://research.google.com/semantris/ – Game 3: Quick Draw (based on Computer Vision - CV) https://quickdraw.withgoogle.com/ • Session: Introduction to AI Project Cycle <ul style="list-style-type: none"> • Problem Scoping • Data Acquisition • Data Exploration • Modeling • Evaluation • Deployment • Ethics Video Session: Discussing about AI Ethics Recommended Activity: Ethics Awareness • Students play the role of major stakeholders, and they have to decide what is ethical and what is not for a given scenario. • Students to explore Moral Machine (https://www.moralmachine.net/) to understand more about the impact of ethical concerns • AI Bias and AI Access • Discussing about the possible bias in data collection • Discussing about the implications of AI technology.

UNIT IV: INTRODUCTION TO PYTHON	<ul style="list-style-type: none"> • Introduction to programming using Online Gaming portals like Code Combat. • Introduction to Python language • Introducing python programming and its applications Theory + Practical: Python Basics • Students go through lessons on Python Basics (Variables, Arithmetic Operators, Expressions, Comparison Operators, logical operators, Assignment Operators, Data Types - integer, float, strings, type conversion, using print() and input() functions) • Students will try some simple problem-solving exercises on Python Compiler.
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Max. Time: 2 Hours

BLUEPRINT

Max. Marks: 50

PART A - EMPLOYABILITY SKILLS (10 MARKS):						
	Unit No	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	TOTAL QUESTIONS	
			1 MARK EACH	2 MARK EACH		
	1	Communication Skills – I	1		1	
	2	Self-Management Skills –I	1	1	2	
	3	ICT Skills – I	1	1	2	
	4	Entrepreneurial Skills – I	1	1	2	
PART B - SUBJECT SPECIFIC SKILLS (40 MARKS):						
	Unit No	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	LONG ANS. TYPE QUESTIONS	TOTAL QUESTIONS
			1 MARK EACH	2 MARK EACH	4 MARK EACH	
	I	AI REFLECTION, PROJECT CYCLE, ETHICS	15	4	3	22
	IV	INTRODUCTION TO PYTHON	5	-	-	5

ART EDUCATION

BOOK—CANVAS-A BOOK OF FINE ARTS

UNIT-1 STILL LIFE: Object Drawing (Pencil Shading- Pg.13), Flower (Water Colour- Pg.15), Fruits (Colour Pencil- Pg.18), Vegetables (Water Colour- Pg.21)

UNIT-2 LANDSCAPE: Landscape (Poster Colours- Pg.31)

UNIT-3 CARTOON FIGURES: Birds (Pencil Shading- Pg.37), Figures in Action (Pencil Shading- Pg.40)

WORK EDUCATION

1. 3D Quilling Art
2. Papier Mache
3. Glass Painting