



MOUNT COLUMBUS SCHOOL
DAKSHINPURI, NEW DELHI-110062
MID TERM SYLLABUS (2026-27)
CLASS: IX
ENGLISH R1 (184)

NAME OF THE BOOK– 1 . KAVERI NEW ENGLISH TEXTBOOK – IX
2. GATEWAY TO ASSIGNMENT IN ENGLISH
LANGUAGE AND LITERATURE
SUPPLEMENTARY READER- THE TEMPEST

<u>CHAPTERS</u>	<u>ACTIVITIES ART</u>
<u>KAVERI (PROSE)-</u> Ch-1 How I Taught My Grandmother to Read (As per PT I) Ch-2 The Pot Maker (As per PT I) Ch-3 Winds of Change Ch-4 Vitamin-M <u>KAVERI (POETRY)-</u> 1. Bharat Our Land (As per PT I) 2. Gifts of Grace: Honouring our Vocations (As per PT I) 3. Canvas of Soil 4. I Cannot Remember My Mother <u>GATEWAY TO ASSIGNMENT – Grammar-</u> 1. Determiner (As per PT I) 2. Clauses – Noun Clause, Relative Clause (As per PT I) 3. Sequence of Tenses 4. Modal Auxiliaries <u>WRITING SKILLS</u> 1. Notice Writing (As per PT I) 2. Informal Invitation (As per PT I) 3. Letter To Editor 4. Formal Email- Writing <u>SUPPLEMENTARY READER-</u> Chapter- 3 & 4	<u>INTEGRATED</u> 1. Create collage showing “past vs present lifestyle”. 2. Write short scene/dialogue on values. 3. Create soil texture art using sand/leaves. (Use of materials like soil, colour) 4. Paint emotions using soft colours.

ENGLISH R1 (184)**BLUEPRINT****Time Allowed – 3 Hours****Maximum Marks= 80**

	1 Mark	2 Marks	5 Marks	Total	Percentage % Weightage
Section : A (20 marks)					25
Unseen Passage	20	-	-	20	
Section B : (30 marks)					37.5
Notice Writing	-	-	1	5	
Informal Invitation	-	-	1	5	
Letter Writing	-	-	1	5	
Email Writing	-	-	1	5	
Determiners, Clauses, Tenses and Modals	10	-	-	10	
Section C: (30 marks)					37.5
Reference to the context (Prose)	-	-	1	5	
Reference to the context (Poetry)	-	-	1	5	
Short Answer Question (Prose & Poetry)	-	5	-	10	
Long Answer Question (Extrapolation)	-	-	1	5	
Long Answer Question (Theme / Plot/ Character)	-	-	1	5	
Total	30X1=30	2X5=10	5X8= 40	80	100

HINDI R2 (085)

पाठ्यपुस्तक – गंगा, टुगेदर विथ-सीबीएसई क्लेशन बैंक

पाठ का नाम	क्रियाकलाप
पाठ्यपुस्तक – गंगा गद्य खंड पाठ-1 दो बैलों की कथा (PT-1) पाठ- 2. क्या लिखूँ पाठ-3. संवादहीन काव्य खंड पाठ-8.पद (PT-1) पाठ-9.राम -लक्ष्मण -परशुराम संवाद पाठ-10.भारति, जय, विजयकरे! व्याकरण उपसर्ग (PT-1) प्रत्यय (PT-1) समानार्थी शब्द मुहावरे विराम चिह्न संज्ञा, सर्वनाम निपात लेखन – अनुच्छेद, अनौपचारिक पत्र, संवाद लेखन और चित्र वर्णन	- अमीर खुसरो आम लोगों का मनोरंजन करने के लिए जिन अनमेलियों, मुकरियों और पहेलियों का प्रयोग करते थे, उनके द्वारा रचित अन्य अनमेलियों, मुकरियों और पहेलियों का संकलन करें - छात्रों को समूहों में अलग-अलग भावनाएँ (दुख, स्नेह, आज़ादी) देकर इसे कक्षा में मूक अभिनय द्वारा प्रस्तुत करवाया जायेगा। - कन्याकुमारी की भौगोलिक स्थिति परिवेश, महत्वपूर्ण , पर्यटन , स्थल एवं जन - जीवन का वर्णन करते हुए बताइए कि वहाँ कि स्थिति आपके राज्य से किस प्रकार भिन्न है? पीटी तैयार कर कक्षा में साझा करें। - रामचरितमानस के इस प्रसंग का कक्षा में नाट्य मंचन - वन, लता, पुष्प आदि भारत के अमूल्य प्राकृतिक संसाधन हैं। इनके संरक्षण के लिए सरकार द्वारा बनाए गए अधिनियमों के बारे में सूचना एकत्रित कीजिए और वन संरक्षण के लिए बनाए नियमों पर चर्चा कीजिए। “शब्द मिलान खेल” “अभिनय पहचानो” “गलत वाक्य सुधारो” “कक्षा में खोजो”

HINDI R2 (085)**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	17.5
2	व्याकरण उपसर्ग प्रत्यय समानार्थी शब्द मुहावरे विराम चिह्न संज्ञा, सर्वनाम निपात	2 2 2 2 2 6		8			-		20
3	पाठ्यपुस्तक - गंगा गद्य खंड पाठ-1 दो बैलों की कथा पाठ-2. क्या लिखूँ पाठ-3. संवादहीन काव्य खंड पाठ-8.पद (PT-1) पाठ-9.राम -लक्ष्मण - परशुराम संवाद पाठ-10.भारति, जय, विजयकरे!	30	5	5		5	-		37.5
4	अनुच्छेद, अनौपचारिक पत्र, संवाद लेखन चित्र वर्णन	5 5 5 5	-				4	5	25
	योग	80	32X1= 32	10X2= 20	3X3=9	1X4=4	3x5=15	16	

पाठ का नाम	क्रियाकलाप
पाठ्यपुस्तक – इरावती पाठ 1 – अहं नामि	मेरा परिचय गतिविधि – विद्यार्थी संस्कृत में अपना परिचय दें तथा अपने सहपाठियों से संवाद स्थापित करें।
पाठ 2 – मातामह्याः उपनेत्रम्	रहस्यमयी थैली (Mystery Bag) – थैली से वस्तु निकालकर उसका संस्कृत नाम एवं उपयोग बताना।
पाठ 3 – नद्यः	भारत का नदी मानचित्र – मानचित्र पर प्रमुख नदियों का सही स्थान चिह्नित करना।
पाठ 4 – नीतिवचनानि	नीतिवचन चक्र (Spin the Wheel) – चक्र घुमाकर प्राप्त नीतिवचन का अर्थ एवं संदेश बताना।
पाठ 5 – दानवीरः कर्णः	पात्र बनो-उत्तर दो – एक विद्यार्थी कर्ण की भूमिका निभाए, अन्य विद्यार्थी प्रश्न पूछें।
पाठ 6 – न गङ्गदत्तः पुनरेति कूपम्	कहानी क्रमबद्ध करो – चित्रों या वाक्यों को सही क्रम में लगाकर कहानी पूर्ण करना।
व्याकरण- - संस्कृत वर्णमाला, - शरीरस्य अङ्गानि, - फलानां नामानि, - संस्कृत मास, - वर्ण, संख्या (1-100), - वस्तु परिचय (त्रिलिङ्ग), - शब्दरूप-परिचय (प्रारम्भिक)	- वर्णमाला दौड़ – दो समूहों के बीच सही वर्णक्रम लगाने की प्रतियोगिता। - स्पर्श करो और बताओ – शिक्षक द्वारा बताए गए अंग को स्पर्श कर उसका संस्कृत नाम बोलना। - फल पहचानो – चित्र या वास्तविक फलों की पहचान कर संस्कृत नाम बताना। - मास चक्र – संस्कृत महीनों का चक्र बनाकर सही क्रम में सजाना। - संख्या बिंगो – संस्कृत में बोली गई संख्या को बिंगो शीट पर पहचानना। - कक्षा में वस्तु खोजो – कक्षा की वस्तुओं को खोजकर उनका संस्कृत नाम बताना। - शब्दरूप मिलान खेल – शब्दरूपों के कार्ड मिलाकर सही रूप तैयार करना।

MATHEMATICS

NAME OF THE BOOK: Mathematics (NCERT)

A Complete Course in Mathematics by B K Singh

Name of the chapter	Lab Activity
Chapter 1: Orienting yourself : The Use Of Coordinate	As per PT-1 syllabus
Chapter 2: Introduction to Linear Polynomials	As per PT-1 syllabus
Chapter 3: The World of Numbers	As per PT-1 syllabus
Chapter 5: Lines and Angles	Working Model of Vertically Opposite Angles
Chapter 7: Triangles: Congruence Theorem	To verify the criteria of congruence of triangle experimentally using paper cutouts.
Chapter 9: Exploring Algebraic Identities	Proving Algebraic Identity $(a + b)^2 = a^2 + b^2 + 2ab$ $(a - b)^2 = a^2 + b^2 - 2ab$ Using rectangular and square shape colored papers. Identities Wall Hanging
Chapter 12: Linear Equations in Two Variables	Graphical representation of linear equation in two variables using a real life material to show the infinite solutions in a straight line.
Chapter 13: Mensuration: Surface Area and Volume	To derive the formula of Surface Area of a cuboid using a cuboidal box. Making of 3-D shapes using Pull Up Nets.

- **NOTE: The name of the chapters/syllabus might change as per CBSE.**

MATHEMATICS**BLUE PRINT****Time Allowed – 3 Hours****Maximum Marks= 80**

S.No	CHAPTERS	Objective Questions (1Mark)	Very Short Questions (2Marks)	Short Questions (3Marks)	Case Based Questions (4Marks)	Long Questions (5Marks)	Total Marks	(%)
1.	Chapter 1: Orienting yourself : The Use Of Coordinate	3	-	1	1	-	10	12.5
2.	Chapter 2: Introduction to Linear Polynomials	2	1	1	-	-	07	8.75
3.	Chapter 3: The World of Numbers	4	-	1	-	1	12	15
4.	Chapter 5 : Lines and Angles	1	-	-	-	1	06	7.50
5.	Chapter 7 : Triangles: Congruence Theorem	2	1	1	-	-	07	8.75
6.	Chapter 9 : Exploring Algebraic Identities	3	1	1	1	-	12	15
7.	Chapter 12 : Linear Equations in two variables	2	1	1	-	1	12	15
8.	Chapter 13: Mensuration Surface Area And Volume	3	1	-	1	1	14	17.50
Total		1x20 = 20	2x5 = 10	3x6 = 18	4x3 = 12	5x4 = 20	80	100

SCIENCE (086)

**NAME OF THE BOOK: NCERT SCIENCE
GATEWAY TO SCIENCE-BIOLOGY
GATEWAY TO SCIENCE -CHEMISTRY
GATEWAY TO SCIENCE-PHYSICS**

SUBJECT	CHAPTERS	ACTIVITY / EXPERIMENT
GENERAL	Ch-1, Exploration: Entering The World Of Secondary Science	As per PT I syllabus
PHYSICS	Ch 4- Describing motion around us. Ch- 7, Work, Energy and Simple Machine	As per PT I syllabus <u>ACTIVITY</u> • Comic Strip Creation – “Energy in Daily Life” • To make Model of Simple machines : Lever (using ruler & eraser), Pulley (using thread & wheel), Inclined plane (cardboard ramp) • Infographic Design – Work and Energy.
CHEMISTRY	Ch 5,-Exploring mixtures and their separation Ch-13, Earth as a System: Energy, Matter and Life Ch-8, Journey inside the atoms	As per PT I syllabus As per PT I syllabus <u>ACTIVITY</u> • Prepare a song to easily memorize the first 20 elements of Periodic table. • Prepare a Flash card of at least five elements mentioning atomic number, electron number, symbol of the element, atomic structure. • Element Role-Play-act as electrons, protons, and neutrons to demonstrate atomic structure and charge. • Create a visual timeline showing contributions of scientists like John Dalton, J. J. Thomson, and Ernest Rutherford. <u>EXPERIMENTS</u> Verification of the law of conservation of mass in a chemical reaction.
BIOLOGY	Ch 2, Cell the building block of life Ch-11, Reproduction: How life continues Ch-3, Tissues in action	As per PT I syllabus As per PT I syllabus <u>ACTIVITY</u> • Make a creative chart comparing plant vs animal tissues using diagrams and examples. • Create a Tissues Web. • Role-Play: I Am a Tissue- act as different tissues explaining their function in the body. <u>EXPERIMENTS</u> 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.

SCIENCE (086)**BLUEPRINT****Time Allowed – 3 Hours****Maximum 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, Exploration: Entering The World Of Secondary Science	2	-	-	-	-	2	2.5
2	Ch 4- Describing motion around us	1	1	1	1	-	10	12.5
3	Ch- 7, Work, Energy and Simple Machine	3	1	1	-	1	13	16.25
4	Ch 5,-Exploring mixtures and their separation	2	-	1	1	-	9	11.25
5	Ch-13, Earth as a System: Energy, Matter and Life	2	1	-	-	-	4	5
6	Ch-8, Journey inside the atoms	2	1	1	-	1	12	15
7	Ch-2, Cell the building block of life	3	-	1	-	-	6	7.5
8	Ch-11, Reproduction: How life continues	3	1	1	1	-	12	15
9	Ch-3, Tissues in action	2	1	1	-	1	12	15
Total		1X20=20	2X6=12	3X7=21	4X3=12	5X3=15	80	100

SOCIAL SCIENCE (087)

NAME OF THE BOOK: GATEWAY TO SOCIAL SCIENCE PART 1 AND PART-2

CHAPTERS	ACTIVITIES
PART 1	
Ch-1. Social Science: Meaning, Scope and Importance. (As per PT 1).	Mind Map: Students create a mind map showing the branches of Social Science and their importance in daily life.
Ch – 3. The Dynamic Atmosphere and Changing Climate.	Weather vs Climate Chart: Compare weather and climate using newspaper/weather app data of one week.
Ch- 4. The Earliest People: The Stone Age.	Stone Tools Model: Make simple tools using clay/newspaper and explain their uses. Cave Painting: Create prehistoric cave art on crumpled brown paper using natural colours or crayons.
Ch- 9. Understanding Democracy. (As per PT1)	
Ch -10. Elections in Indian Democracy (As per PT1)	
PART 2	
Ch -1. Water in the Oceans (Project Based)	Ocean Map Activity: Label the five oceans, major currents, and important seas on a world map.
Ch – 2. Disaster Preparedness and Regulatory Framework (Project Based)	Mock Disaster Drill: Demonstrate the safety steps to be followed during an earthquake or fire (STREET PLAY) Emergency Preparedness Kit: Design a disaster emergency kit using recycled materials.
Ch – 3. Forests, Biodiversity and Livelihoods (As per PT1)	Map Work – Types of Forests, National Parks, Biosphere Reserve.
Ch -4. Early Medieval India.	Historical Newspaper: Create a one-page newspaper reporting an important event from the Early Medieval period.
Ch -5. Later Medieval India.	
Ch- 9. Entrepreneurship and Startups	Product Advertisement: Create a poster or a 30-second advertisement to promote a unique product or service. Business Idea Pitch: In groups, students present a simple startup idea addressing a local problem.

NOTE: The syllabus is tentative and may be subject to change as per the latest NCERT textbook.

SOCIAL SCIENCE (087)**BLUEPRINT****Time Allowed – 3 Hours****Maximum Marks - 80**

S. No.	Name of the Chapters	MCQ (1)	Very Short Answer Type Questions (2)	Short Answer Type Questions (3)	Long Answer Type Questions (5)	Source Based/ Case Study (4)	Map (1)	Total	% Weightage
	PART – I								
1	Ch-1. Social Science: Meaning, Scope and Importance	2	1	–	–	–	–	4	5
2	Ch-3. The Dynamic Atmosphere and Changing Climate	3		1	1	–	2	13	16.25
3	Ch-4. The Earliest People: The Stone Age	2	–	1		1		9	11.25
4	Ch-9. Understanding Democracy	2	–	1	–	1	–	9	11.25
5	Ch-10. Elections in Indian Democracy	2	1	–	1	–	–	9	11.25
	PART – II								
6	Ch-3. Forests, Biodiversity and Livelihoods		–	1	1	–	3	11	13.75
7	Ch-4. Early Medieval India	3	1	–	–	-		5	6.25
8	Ch-5. Later Medieval India	3	–	1	–	–		6	7.5
9	Ch-9. Entrepreneurship and Startups	3	1	–	1	1	–	14	17.5
Total		20 × 1 = 20	4 × 2 = 8	5 × 3 = 15	4 × 5 = 20	3 × 4 = 12	5 × 1 = 5	80	100%

ARTIFICIAL INTELLIGENCE (417)

NAME OF THE BOOK: ARTIFICIAL INTELLIGENCE 3.0

Unit / Chapter	Activity / Practical
SECTION A:	
UNIT 3: ICT SKILLS-I	As per PT I
UNIT 2: SELF-MANAGEMENT SKILLS-I	• Goal-setting worksheet • Students list one short-term and one long-term learning goal for the term, steps to achieve them, obstacles and how to overcome them. • Deliverable: one-page plan with target dates. • Time-management audit • For three days, students log how they spend time in 30–60 minute blocks (study, screen time, chores, sleep). • Class task: visualise results (bar/pie chart) and write 5 improvements.
SECTION B:	
UNIT 2: DATA LITERACY	• Impact of News Articles activity • Trend Analysis • Interactive Data Dashboard using Tableau/Datawrapper • Cyber Safety best practices • Session: Project Interactive Data Dashboard & Presentation • Data visualization Using Tableau Reference Links • https://public.tableau.com/enus/s/download • https://www.datawrapper.de/ Video Links: • https://www.youtube.com/watch?v=NL_CzpPRCc7U • https://www.youtube.com/watch?v=_M8BnosAD78
UNIT 3: MATH FOR AI (STATISTICS & PROBABILITY)	• Number Patterns & Picture Analogy • Car Spotting & Tabulating (data collection) • Probability exercises (sports, weather, traffic)
Unit 1: AI Reflection, Project Cycle and Ethics	• As per PT I

ARTIFICIAL INTELLIGENCE (417)**BLUEPRINT****Time Allowed – 2 Hours****Maximum Marks - 50**

UNIT	OBJECTIVE TYPE QUESTIONS (1 MARK)	SHORT ANSWER TYPE QUESTIONS (2 MARKS)	LONG ANSWER TYPE QUESTIONS (4 MARKS)	TOTAL
PART A: EMPLOYABILITY SKILLS				
SECTION A: UNIT 3: ICT SKILLS-I	2	1	-	3
UNIT 2: SELF- MANAGEMENT SKILLS-I	2	2	-	4
PART B: SUBJECT SPECIFIC SKILLS				
SECTION B: UNIT 1: AI REFLECTION, PROJECT CYCLE AND ETHICS	6	1	1	8
UNIT 2: DATA LITERACY	7	2	1	10
UNIT 3: MATH FOR AI (STATISTICS & PROBABILITY)	7	1	1	9
TOTAL MARKS	24	14	12	50

INFORMATION TECHNOLOGY (402)

NAME OF THE BOOK -2. INFORMATION TECHNOLOGY PRACTICAL BOOK – 9

Chapter Name	Activity/Practical
PART A	As per PT I
Unit 2 Self-Management Skills-II	
Unit 1 Communication Skills –I	• Introduction to Communication ○ Activity: Watch a video on the basics of communication. ○ Link: Introduction to Communication • Verbal Communication ○ Activity: Practice verbal communication by role-playing different scenarios. ○ Link: Verbal Communication Role-Playing • Non-Verbal Communication ○ Activity: Play a game of "Dumb Charades" to understand non-verbal cues. ○ Link: Dumb Charades Game • Writing Skills: Parts of Speech ○ Activity: Complete an online quiz on parts of speech. ○ Link: Parts of Speech Quiz • Writing Skills: Sentences ○ Activity: Write a short paragraph using different types of sentences. ○ Link: Sentence Writing Practice
Unit 3 Information and communication Technology skills-I	• Creating a Word Document ○ Activity: Create a word document with a list of qualities for a candidate. ○ Link: Word Document Resume Template • Conducting an Interview ○ Activity: Conduct a mock interview in class. ○ Link: Mock Interview Guide • Dumb Charades (Gadgets Name) ○ Activity: Play "Dumb Charades" with gadgets names. ○ Link: Dumb Charades Game • Report on Digital India Initiatives ○ Activity: Research and write a report on Digital India Initiatives. ○ Link: Digital India Initiatives • Digital Poster on ICT Tools in School ○ Activity: Create a digital poster on ICT tools used in school. ○ Link: Digital Poster Template
PART B	As per PT I
Unit 1 Introduction to IT-ITeS Industry	
Unit 3 Digital documentation	As per PT I
Unit 2 Data Entry and keyboard skills	Typing Speed Test • Use a keyboarding software or an online typing test tool to assess students' typing speed and accuracy. Online typing test https://www.typing.com/student/typing-test/5-minute Group Activity - Data Entry Challenge (Computer lab) Assign each group a different data entry challenge (e.g., entering a larger set of data, formatting it correctly, or creating a simple database).

INFORMATION TECHNOLOGY (402)

BLUEPRINT

Time Allowed – 2 Hours

Maximum Marks= 50

Chapter Name	Objective Type Questions	Short Answer Type Questions		Total Questions
	1 Mark Each	2 Marks Each		
PART A Unit 2 Self-Management Skills-I	1			1
Unit 1 Communication Skills –I	2	2		4
Unit 3 Information and communication Technology skills-I	1	1		2
TOTAL MARKS	1 x 4 = 4	2 x 3 = 6		10 MARKS
PART B Unit 1 Introduction to IT-ITeS Industry	7	1		8
Unit 2 Data Entry and keyboard skills	6	1	1	8
Unit 3 Digital documentation	7	2	2	11
TOTAL MARKS	1 x 20 = 20	2 x 4 = 8	4 x 3 = 12	40 MARKS

ART EDUCATION

NAME OF THE BOOK—CANVAS-A BOOK OF FINE ARTS

1. **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)
2. **UNIT-2 LANDSCAPE:** Tree (Pencil Shading- Pg. 25), Landscape (Colour Pencil- Pg.32)
3. **UNIT-3 CARTOON FIGURES:** Animals (Pencil Shading- Pg.35), Birds (Pencil Shading- Pg.37), Figures in Action (Pencil Shading- Pg.40)

HEALTH AND PHYSICAL EDUCATION

NAME OF THE BOOK- EARLY YEARS PHYSICAL ACTIVITY FACILITATOR

UNIT 2: PLANNING AGE APPROPRIATE PHYSICAL ACTIVITIES
1. Activities for increasing physical strength and coordination
2. Plan physical activities for developing cognitive skills Manage class