



MOUNT COLUMBUS SCHOOL
DAKSHINPURI, NEW DELHI-110062
PT-I 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>CHAPTER</u>	<u>ACTIVITIES</u>
<p><u>KAVERI (PROSE)</u>- 1. Ch-1 How I Taught My Grandmother to Read 2. Ch-2 The Pot Maker</p> <p><u>KAVERI (POETRY)</u>- 1. Bharat Our Land 2. Gifts of Grace: Honouring our Vocations</p> <p><u>GATEWAY TO ASSIGNMENT</u> - Grammar- 1. Determiner 2. Clauses – Noun Clause, Relative Clause</p> <p><u>WRITING SKILL</u>- 1. Notice Writing 2. Informal Invitation</p> <p><u>SUPPLEMENTARY READER</u>- Ch-1 & 2</p>	<p style="text-align: center;"><u>ART INTEGRATION</u></p> <p>1. Sketch an elderly person from real life (grandparent) and write their description in 4-5 lines.</p> <p>2. Decorate pot using Madhubani / Warli motifs.</p> <p>3. Perform a simple regional dance. Make a video and send it to your teacher.</p> <p>4. Make masks of different professions. (any 3)</p>

BLUEPRINT

Time – 1 Hour

Maximum Marks – 20

	1 Mark	2 Marks	3 Marks	4 Marks	5 Marks	Total	(%)
Section A:(5marks)							25
Unseen Passage	-	-	-	-	1	5	
Section B:(7marks)				-			35
Notice/ Informal Invitation	-	-	1	-	-	3	
Grammar	4	-	-	-	-	4	
Section C:(8marks)							40
Short Answer Question	-	2	-	-	-	4	
Long Answer Question	-	-	-	1	-	4	
Total	1X4= 4	2X2=4	1X3=3	1X4=4	1X5=5	20	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 काव्य खंड 8.पद व्याकरण उपसर्ग प्रत्यय लेखन- अनुच्छेद, अनौपचारिक पत्र	<ul style="list-style-type: none">• समाचार लेखन मान लीजिए आप एक स्थानीय संवाददाता हैं। बैलों के काँजीहाउस से भागने की खबर को रोचक समाचार में लिखकर कक्षा में आज के ताज़ा के खबर के रूप में प्रस्तुत करें।• कहानी का नया अंत यदि बैल वापस न लौटते तो कहानी कैसे खत्म होती? एक नया अंत सोचकर लिखिए।• रैदासजी के पाठ के अतिरिक्त किन्ही दो पदों का गायन कक्षा में करें• शब्द निर्माण खेल• शब्द विस्तार

प्रश्न-पत्र का प्रारूप

समय: 1 घंटे

पूर्णांक: 20

क्रम संख्या	पाठ्य क्रमानुसार इकाइयां	इकाई पर आवंटित अंक	अंक वार प्रश्नों की संख्या			कुल प्रश्न	(%)
			1 अंक	2 अंक	3 अंक		
1	अपठित गद्यांश	5	3	1	1	25%	
2	व्याकरणपरिचय उपसर्ग प्रत्यय	2 2	2 2		2	20%	
3	पाठ्यपुस्तिक गद्य खंड पाठ-1 दो बैलों की कथा काव्य खंड पाठ-8.पद	6		3	1	30%	
4	अनुच्छेद, अनौपचारिक पत्र	5	-		1	25%	
	योग	20	7X1=7	5X2= 10	1X3=3	05	100

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 Coordinates	Making coordinate point working model
Chapter 2: Introduction to Linear Polynomials	Verification of identity $(a + b)^2 = a^2 + b^2 + 2ab$ using square and rectangular sheets
Chapter 3: The World of Numbers	-

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Time – 1 Hour

Maximum Marks – 20

S. No	CHAPTERS	Objective Questions (1Mark)	Very Short Questions (2Marks)	Short Questions (3Marks)	Source Based Questions (4Marks)	Long Questions (5Marks)	Total Marks	(%)
1.	Ch1: Orienting Yourself: The Use of Coordinates	2	-	-	1	-	06	30%
2.	Ch 2: Introduce to Linear Polynomials	1	1	-	-	1	08	40%
3.	Ch 3: The World of Numbers	1	1	1	-	-	06	30%
	Total	1X4=4	2X2=4	3X1=3	4X1=4	5X1=5	20	100

SCIENCE

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	<u>ACTIVITY</u> <ul style="list-style-type: none"> • Prepare a concept map of the topic. • Explore and demonstrate any activity based on science in the class.
PHYSICS	Ch-4, Describing Motion Around Us	<u>ACTIVITY</u> <ul style="list-style-type: none"> • To demonstrate the distance and displacement in school by covering the perimeter of a square/rectangle and the diagonal of the same. • Create a poster or infographic in Hindi showing use of acceleration in daily life. • Motion Role Play-Act as “speed”, “velocity”, and “acceleration” and explain concepts through skits.
CHEMISTRY	Ch-5, Exploring Mixtures and Their Separation	<u>ACTIVITY</u> <ul style="list-style-type: none"> • Conduct a Roohafza party to demonstrate the characteristics of particles of matter. • Gamification to explain the contrasting features of the states of matter. • Mystery Mixture Challenge: Identify components and separation methods. • Design Your Own Separation Process of chromatography. <u>EXPERIMENT</u> <ul style="list-style-type: none"> • Determination of the melting point of ice and boiling point of water.
	Ch-13, Earth As A System: Energy, Matter And Life	<u>ACTIVITY</u> <ul style="list-style-type: none"> • Create a poster or infographic titled “A Day Without the Sun”. • Electromagnetic Spectrum Ribbon Model (radio waves → microwaves →infrared →visible →UV →X-rays →gamma rays). • Present short scenarios by comic strips on - “What if there is no atmosphere?” or “No water?”
	Ch-2, Cell: Building Block Of Life	<u>ACTIVITY</u> <ul style="list-style-type: none"> • Demonstrate potato osmosis experiment. • 3D Cell Model Making-Use clay, jelly, or craft materials to build plant/animal cells. • Prepare a mind map of the chapter. <u>EXPERIMENT</u> <ul style="list-style-type: none"> • Preparation of stained temporary mounts of onion peel, to record observations and draw their labeled diagrams

BIOLOGY	Ch-11, Reproduction: How life continues	<u>ACTIVITY</u>
		<ul style="list-style-type: none"> • Create a graffiti-style poster wall with: Keywords (zygote, embryo, puberty) • Design a pop-up book where each page shows a stage: Flower reproduction / Human reproduction • Design a board game where players move through stages of reproduction: (Correct answers help progress. Obstacles like “fertilization failed” or “pollination success”)

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Time – 1 Hour

Maximum Marks – 20

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	(%)
1	Ch-1, Exploration: Entering The World Of Secondary Science	2	-	-	-	-	2	10
2	Ch-4, Describing Motion Around Us	-	-	-	1	-	4	20
3	Ch-5, Exploring Mixtures And Their Separation	1	1	-	-	-	3	15
4	Ch-13, Earth As A System: Energy, Matter And Life	-	-	1	-	-	3	15
5	Ch-2, Cell: Building Block Of Life	-	-	-	-	1	5	25
6	Ch-11, Reproduction: How life continues	1	1	-	-	-	3	15
Total		1X4=4	2X2=4	3X1=3	4X1=4	5X1=5	20	100

SOCIAL SCIENCE (087)

BOOK: GATEWAY TO SOCIAL SCIENCE PART 1 AND PART-2

CHAPTERS	ACTIVITIES
PART - 1	
Theme I – Understanding Social Science Ch – 1: Social Science: Meaning, Scope and Importance.	1. Mind Map – Create a visual mind map linking History, Geography, Civics and Economics 2. VTR Tool: See–Think–Wonder – Relevance of Social Science 3. Newspaper Collage (Art Integration) – Show different areas of Social Science
Theme VI – Democracy Ch – 9: Understanding Democracy.	1. Yoga Integration – “Values through Yoga” • Balance poses → Equality • Meditation → Freedom of thought 2. Sports Integration – “Team Decision Game” 3. Creative Chart – Rights and Duties
Theme VII – Elections Ch – 10: Elections in Indian Democracy.	1. Election Campaign Design – Party symbol, slogan and manifesto 2. Digital Voting (IT Integration) – Create and analyze voting using Google Forms to choose your class monitor 3. Vote Counting (Math Integration) – Calculate percentage and results.
PART - 2	
Theme II- Life on Earth Ch -3: Forest, Biodiversity and Livelihoods.	1. Art Integration – 3D Forest Ecosystem Model / Tribal Art • Warli Art • Gond Art 2. Forest Diorama – Use paper, leaves, magazine: cut-outs 3. Herbarium File (Science Integration) – Collect, dry and label leaves.

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

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Time – 1 Hour

Maximum Marks – 20

S.No	Name of the Chapters	MCQ (1 Mark)	Short Type Question (3 Marks)	Source Based Question (4 Marks)	Long Question (5 Marks)	Total Marks	(%)
PART - 1							
1.	Ch – 1: Social Science: Meaning, Scope and Importance.	-	1	-	-	3	15
2.	Ch – 9: Understanding Democracy.	1	-	1	-	5	25
3.	Ch – 10: Elections in Indian Democracy.	1	-	-	1	6	30
PART - 2							
4.	Ch -3: Forest, Biodiversity and Livelihoods.	2	-	1	-	6	30
Total		1x4=04	3x1=03	4x2=08	5 x 1 =05	20	100

ARTIFICIAL INTELLIGENCE (417)

BOOK: ARTIFICIAL INTELLIGENCE 3.0

UNIT/CHAPTER	ACTIVITY/PRACTICAL
SECTION A: UNIT 3: ICT SKILLS-I	<ul style="list-style-type: none">● Creating a Word Document● Conducting an Interview● Report on Digital India Initiatives<ul style="list-style-type: none">○ Activity: Research and write a report on Digital India Initiatives.○ Link: Digital India Initiatives● Digital Poster on ICT Tools in School<ul style="list-style-type: none">○ Activity: Create a digital poster on ICT tools used in school.<ul style="list-style-type: none">● Link: Digital Poster Template
SECTION B: UNIT 1: AI REFLECTION, PROJECT CYCLE AND ETHICS	<ul style="list-style-type: none">● Machine Learning Activities: Teachable Machine● Create a MindMap on “AI Project Cycle” using GitMind - AI Powered Mind Map, Flowchart, Whiteboard.● Ethics: Debate on AI Impacts {Divide students into two groups: one arguing in favor of AI advancements and the other highlighting ethical concerns.}

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Time – 1 Hour

Maximum Marks – 20

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	3	1	-	4
PART B: SUBJECT SPECIFIC SKILLS				
SECTION B: UNIT 1: AI REFLECTION, PROJECT CYCLE AND ETHICS	5	3	1	9
TOTAL MARKS	1X8=8	2X4=8	1X4=4	20

INFORMATION TECHNOLOGY
BOOK: INFORMATION TECHNOLOGY VERSION 8.0 (CODE 402)- 9
2. INFORMATION TECHNOLOGY PRACTICAL BOOK - 9

CHAPTER	ACTIVITY/ PRACTICAL																																																																								
Unit 2 Self-Management Skills-II	<p>Strength and Weakness Analysis Activity: Create a list of your strengths and weaknesses. Link: Canva Template for Strengths and Weaknesses</p> <p>Feel-Good Sentences Activity: Make a list of feel-good sentences to say to yourself. Link: Feel-Good Sentences Template</p> <p>Goal Setting Activity: Set personal and academic goals for the year. Link: Goal Setting Worksheet</p> <p>Time Management Activity: Create a weekly schedule to manage time effectively. Link: Time Management Planner</p> <p>Stress Management Activity: Practice relaxation techniques like deep breathing and meditation. Link: Stress Management Techniques</p>																																																																								
Unit 1 Introduction to IT-ITeS Industry	<p>Make a list of e-government services that are provided by other countries. Visit Indian government websites, such as the official web portal of Department of School Education, MHRD, Government of India. Make a list of all the valuable information and the services you could obtain yourself</p>																																																																								
Unit 3 Digital documentation	<p>Prepare a report on a field visit to an IT Job Fair in LibreOffice Writer. Create a table as shown in the figure below. Save it in your folder.</p> <div style="text-align: center;"> <p>Time Table Class IX</p> <table border="1"> <thead> <tr> <th>Day/ Period</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> <th>7</th> <th>8</th> </tr> </thead> <tbody> <tr> <td>Time</td> <td>7:30 to 8:10</td> <td>8:10 to 8:50</td> <td>9:00 to 9:40</td> <td>9:40 to 10:20</td> <td>10:20 to 10:40</td> <td>10:40 to 11:20</td> <td>11:20 to 12:00</td> <td>12:10 to 12:50</td> </tr> <tr> <td>Day 1</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Day 2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Day 3</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Day 4</td> <td></td> <td></td> <td></td> <td></td> <td>LUNCH BREAK</td> <td></td> <td></td> <td></td> </tr> <tr> <td>Day 5</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>Day 6</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table> </div> <p>Open the word processing software and design: Elegant Certificates Stylish Invitation Cards Make each document unique with formatting, colors, and layouts.</p>	Day/ Period	1	2	3	4	5	6	7	8	Time	7:30 to 8:10	8:10 to 8:50	9:00 to 9:40	9:40 to 10:20	10:20 to 10:40	10:40 to 11:20	11:20 to 12:00	12:10 to 12:50	Day 1									Day 2									Day 3									Day 4					LUNCH BREAK				Day 5									Day 6								
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BLUEPRINT

Time – 1 Hour

Maximum Marks – 20

Chapter Name	Objective Type Questions	Short Answer Type Questions	Long Question	Total Questions
	1 Mark Each	2 Marks Each	4 Marks Each	
Part A Unit 2 Self-Management Skills-II	2	1		3
Part B Unit -1 Introduction to IT-ITeS Industry	3	1		4
Unit 3 Digital documentation	3	2	1	6
Total Marks	1x8=8	2x4=8	4x1=4	20 Marks

ART EDUCATION

BOOK—CANVAS-A BOOK OF FINE ARTS

1. INTRODUCTION:

- a. What is colour?
- b. Art Forms

2. UNIT- 6 COMPOSITION: Mother and Child (Colour Pencil- Pg.83), Panchatantra (Pg.85)

PHYSICAL ACTIVITY FACILITATOR

BOOK- EARLY YEARS PHYSICAL ACTIVITY FACILITATOR

UNIT-1: ROLE OF PHYSICAL EDUCATION IN CHILD DEVELOPMENT

1. Physical and emotional needs of the children
2. Factors influencing physical activities
3. Plan physical activities
4. Conduct physical activities