



MOUNT COLUMBUS SCHOOL
DAKSHINPURI, NEW DELHI – 62
SYLLABUS (2026-27)

PT - 1

CLASS X

ENGLISH LANGUAGE & LITERATURE (184)

NAME OF THE BOOK: FIRST FLIGHT (NCERT)

FOOTPRINTS WITHOUT FEET (NCERT)

WORDS AND EXPRESSIONS - II (NCERT)

**TOGETHER WITH – PRACHI EXCELLENCE IN ENGLISH LANGUAGE
AND LITERATURE PRACTICE BOOK**

CHAPTERS

FIRST FLIGHT (PROSE)

Ch 1 – A Letter to God

Ch 2- Nelson Mandela...Long Walk to Freedom

FIRST FLIGHT (POETRY)

Poem 1 – Dust of Snow

Poem 2 – Fire and Ice

Poem 3 – A Tiger in the Zoo

Poem 4 – How to tell wild animals

Poem 5 – The Ball Poem

FOOTPRINTS WITHOUT FEET

Ch 1 – A Triumph of Surgery

Ch 2 – The Thief's Story

WRITING SKILLS

1. Formal letter based on a given situation

GRAMMAR

1. Subject – Verb Concord

2. Determiners

WORDS AND EXPRESSIONS – II

Unit 1 to Unit 4

TOGETHER WITH – PRACTICE BOOK

(For Practice)

ACTIVITIES

1. Create a **comic strip (6–8 frames)** showing the story of Lencho. Highlight the element of **irony** through expressions and dialogues.
2. Prepare a **short speech (1–2 minutes)** imagining you are Nelson Mandela addressing the nation on freedom and equality.
3. Prepare a **diet chart for Tricky** showing a healthy routine before and after recovery.
4. Design a **humorous instruction manual (1 page)** titled “*How to Identify Wild Animals Safely*” using points, warnings, and witty lines inspired by the poem.

ENGLISH LANGUAGE AND LITERATURE (Code No. 184)

BLUE PRINT

Time – 1 Hour

Maximum Marks – 20

	1 Mark	2 Marks	3 Marks	4 Marks	Total	Weightage%
Section A: (5 marks)						25
Unseen Passage	5	-	-	-	5	
Section B : (7 marks)				-		35
Formal Letter	-	-	1	-	3	
Grammar	4	-	-	-	4	
Section C: (8 marks)						40
Short Answer Question	-	2	-	-	4	
Long Answer Question	-	-	-	1	4	
Total	9X1=9	2X2=4	1X3=3	4X1=4	20	100

हिंदी (085)

पाठ्यपुस्तक – स्पर्श, संचयन और टुगोदर विथ-सीबीएसई केश्वन बैंक

पाठ का नाम	क्रियाकलाप
पाठ्यपुस्तक- स्पर्श	
काव्य खंड	
पाठ-1 कबीर- साखी (PT-1)	<ul style="list-style-type: none"> • क्विज़ प्रतियोगिता- कबीर की साखियों छोटे-छोटे प्रश्न पूछना। • भाव-अभिव्यक्ति- छात्रों को कोई एक पद चुनकर उसका चेहरे के हाव-भाव और gestures के साथ उसका भाव व्यक्त करें (बिना बोले या बोलकर)।
पाठ-2 मीराबाई	<ul style="list-style-type: none"> • छोटे भाई और बड़े भाई साहब के बीच एक चार्ट पर तुलनात्मक वर्णन • एनीमेशन या कॉमिक स्ट्रिप बना कर इस कहानी की भावनाओं को चित्रों के माध्यम से दर्शाना। • पाठ की मुख्य घटनाक्रमों को PowerPoint के माध्यम से दिखाना।
गद्य खंड	
पाठ-1 बड़े भाई साहब (PT-1)	<ul style="list-style-type: none"> • टोपी शुक्ला की कहानी पर आधारित एक नाटक अभिनय • वाद-विवाद विषय: "धर्म के आधार पर भेदभाव सही है या गलत?"
पाठ-2 डायरी का एक पन्ना	<ul style="list-style-type: none"> • 3-2-1 क्रियाकलाप/ 'देखो, सोचो, आश्चर्य करो' गतिविधि का आयोजन
संचयन	
पाठ-1 टोपी शुक्ला (PT-1)	<ul style="list-style-type: none"> • मौखिक और लिखित अभ्यास (कार्यपत्र के माध्यम से) • मुहावरे- 'बूझो तो जाने'
व्याकरण	
<ul style="list-style-type: none"> • पदबंध (PT-1) • मुहावरे (PT-1) • अपठित गद्यांश • पत्र और अनुच्छेद लेखन 	

हिंदी (085)

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	<u>व्याकरणपरिचय</u> <ul style="list-style-type: none">पदबंधमुहावरे	2 2	2 2			2	20%
3	<u>पाठ्यपुस्तिक</u> काव्य खंड पाठ -1 कबीर- साखी गद्यखंड पाठ-1 बड़े भाई साहब संचयन पाठ -3 टोपी शुक्ला	3 3 2		3 1		2	30% 10 %
4	पत्र और अनुच्छेद लेखन	3			1	1	15%
	योग	20	7X1=7	5X2= 10	1X3=3	06	100

MATH (041/241)

BOOK: MATH (NCERT)

Name of the chapter	Lab Activity
Chapter 1: Real Numbers	LCM of two numbers using Euclid Division Lemma
Chapter 7: Coordinate Geometry	Mirror image of points on x-axis and y-axis
Chapter 2 : Polynomials	Geometrical meaning of zeros

MATH (041/241)

BLUE PRINT

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	Percentage (%) Weightage
1.	Chapter 1:Real Numbers	1	-	1	-	-	04	20%
2.	Chapter 7: Coordinate Geometry	1	2	-	1	-	07	35%
3.	Chapter 2 : Polynomials	2	2	-	-	1	09	45%
Total		1X4=4	2X2=4	3X1=3	4X1=4	5X1=5	20	100

SCIENCE (086)

BOOK: NCERT SCIENCE
VIVA EDUCATION PHYSICS
VIVA EDUCATION CHEMISTRY
GATEWAY SCIENCE BIOLOGY

SUBJECT	CHAPTERS	ACTIVITY / EXPERIMENT
CHEMISTRY	Ch-1, Chemical reactions and equations Ch-2, Acids, bases and salts	<u>ACTIVITY</u> <ul style="list-style-type: none">● “Be an element” role play.● Gamification to explain the chemical reactions using cards game. (Students will take turns to reveal the top card in the stack and identify the reaction shown on the card. Correct answer will earn points).● Discuss the environmental impact of industrial chemical reactions (e.g. pollution from factories, acid rain).● Balance chemical equations and calculate the number of atoms and molecules of reactants and products in a reaction. <u>EXPERIMENT</u> <ul style="list-style-type: none">● To perform and observe the following reactions: combination, decomposition, displacement and double displacement reaction. <u>ACTIVITY</u> <ul style="list-style-type: none">● Neutralise me/ look for my salt game- Prepare 30 cards having the names of different 10 salts, 10 acids and 10 base (group activity).● Record the pH of various beverages that we consume in our daily life. Also check their implication of teeth/bones.● Create a timeline showing major environmental changes over the past century (such as deforestation, pollution, or climate change) and their impact on society.

EXPERIMENT

- Find the pH of the samples by using pH paper.
- To study the properties of acids and bases.

BIOLOGY

Ch-5, Life Processes

ACTIVITY

- Flowchart representing various life processes.
- 3-D structures of Human heart/ excretory system / digestive system using material of your choice.
- Role Play on nutrition, respiration-related diseases, and sanitation.

EXPERIMENTS

- To prepare temporary mount of a leaf peel to show stomata.
- To show that carbon-dioxide is given out during respiration

Ch-6, Control and Coordination

ACTIVITY

- Prepare a science toon illustrating reflex action.
- Create brain emoji's showing functions of different parts of the brain.

PHYSICS

Ch-10, Human eye and colourful world

ACTIVITY

- Create a 3D model of the human eye using clay or paper mache to understand its structure.
- Act out the process of light passing through the eye and forming an image on the retina.
- Research on how the human eye perceives different colors, and the importance of vision in daily life.

ACTIVITY

- Create comic strips that narrate the journey of electricity from generation to household usage, highlighting its importance and safety.
- Students conduct a survey within their community to assess electricity usage patterns and suggest conservation measures.

EXPERIMENT

- Studying the dependence of potential difference across a resistor on the current passing through it and determine its resistance.
- Determination of equivalent resistance of two resistors when connected in series.
- Determination of equivalent resistance of two resistors when connected in parallel.

SCIENCE (086)

BLUE PRINT

Time – 1 Hour

Maximum Marks – 20

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	Ch-1, Chemical reactions and Equations	-	1	-	-	-	2	10
2	Ch-2, Acids, bases and salts	-	-	-	1	-	4	20
3	Ch-10, Human eye and colourful world	2	-	-	-	-	2	10
4	Ch 11-Electricity	-	-	-	-	1	5	25
5	Ch-5, Life Processes	1	-	1	-	-	4	20
6	Ch-6, Control and coordination	1	1	-	-	-	3	15
Total		1X4=4	2X2=4	3X1=3	4X1=4	5X1=5	20	100

SOCIAL SCIENCE (087)

**BOOK: INDIA AND THE CONTEMPORARY WORLD II/
CONTEMPORARY INDIA-II/DEMOCRATIC POLITICS-II/
UNDERSTANDING ECONOMIC DEVELOPMENT**

CHAPTERS	ACTIVITIES
HISTORY Ch-1. The Rise of Nationalism in Europe	<ul style="list-style-type: none">• Voice of a Nation- Step into the shoes of a nationalist leader like Napoleon or Bismarck. Write a speech or perform a short role-play describing how you would unite your nation and inspire people.
GEOGRAPHY Ch-1. Resources and Development	<ul style="list-style-type: none">• Identify Major Soil Types.• Be a Resource Guardian- Identify resources you use daily and create a responsibility chart. Suggest practical ways to conserve and use them sustainably at home and school.
ECONOMICS Ch-1. Development	<ul style="list-style-type: none">• My Development, My Goal- Set personal development goals (education, health, skills). Create a vision board or write a plan showing how you will achieve them.
POLITICAL SCIENCE Ch-1. Power Sharing Ch-2. Federalism	<ul style="list-style-type: none">• Power in the News - Collect a newspaper case studies showing power sharing or conflicts. Analyze how power is distributed and present your findings creatively (poster/presentation).• Politics Around Us- Gather newspaper articles related to political power, governance, or federal issues. Discuss and present how these examples reflect concepts learned in class.

SOCIAL SCIENCE (087)

BLUEPRINT

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	Percentage (%) Weightage
1	Ch-1. Resources and Development	2	-	1	1	11	55
2	Ch-1. Development	2	3	1	-	09	45
	Total	1 x 4 =04	3 x 1 = 03	4x2=08	5 x 1 =05	20	100

ARTIFICIAL INTELLIGENCE (417)

BOOK: A TEXTBOOK OF ARTIFICIAL INTELLIGENCE

Part-A : Employability skills	Activity/Practical
Unit 3: Information and Communication Technology Skills	<ul style="list-style-type: none">➤ Divide the class into 4-5 groups and discuss the various measures that can be taken to safeguard the digital data on a computer.➤ Visit the URL https://www.youtube.com/watch?v=ZYGND_SLqUQ to know how to maintain your computer property.
Part-B : Subject Specific Skills	
Unit-1 : Revisiting AI Project Cycle & Ethical Frameworks for AI	<ul style="list-style-type: none">➤ Visit the website and explore your decision--making ability to understand how our decisions get influenced by our personal morals, values and ethics! https://www.my-goodness.net/➤ ‘Artificial intelligence is a threat to the existence of civilization’ Divide the class into group of four and discuss the various arguments favouring or opposing the aforementioned statement with the help of examples.➤ Visit the following URLs to know more about the basics of artificial intelligence. • https://code.org/ai
Unit 2 : Advanced concepts of Modeling in AI	<ul style="list-style-type: none">➤ Categories of Machine learning based models: Supervised Learning https://teachablemachine.withgoogle.com/ Unsupervised Learning https://experiments.withgoogle.com/ai/drum-machine/view/➤ Activity: Human Neural Network – The Game Suggested Neural Network Activity: https://playground.tensorflow.org/

ARTIFICIAL INTELLIGENCE (417)

BLUEPRINT

Time – 1 Hour

Maximum Marks – 20

PART A –

EMPLOYABILITY SKILLS :

Unit No	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARK EACH	
3	Information and Communication Technology Skills	2	1	3

PART B -

SUBJECT SPECIFIC SKILLS :

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	
1	Revisiting AI Project Cycle & Ethical Frameworks for AI	3	1	1	5
2	Advanced concepts of Modeling in AI	3	2	-	5
	Total(Marks)	1*8=8	2*4=8	4*1=4	20 (Marks)

INFORMATION TECHNOLOGY (402)

BOOK : INFORMATION TECHNOLOGY VERSION 7.0(CODE 402)-10

IT PRACTICAL BOOK -10

Chapter Name	Activity/Practical
Part A - Unit 3 Information and communication technology skills-II	<ul style="list-style-type: none">• Divide the class into 4-5 groups and discuss the various measures that can be taken to safeguard the digital data on a computer.• Visit the URL https://www.youtube.com/watch?v=ZYGND_SLqUQ to know how to maintain your computer property.
Part B - Unit -1 digital documentation (Advanced)	<ul style="list-style-type: none">• Creating a Newsletter Using LibreOffice Writer• Prepare a report on “Annual Prize day celebration” of your school.• create a formatted document using styles, templates, and page layout features.

INFORMATION TECHNOLOGY (402)

Time: 1 Hour

BLUEPRINT

Maximum Marks: 20

PART A - EMPLOYABILITY SKILLS :

Unit No	NAME OF THE UNIT	OBJECTIVE TYPE QUESTIONS	SHORT ANSWER TYPE QUESTIONS	TOTAL QUESTIONS
		1 MARK EACH	2 MARK EACH	
3	Information and Communication Technology Skills	2	1	3

PART B - SUBJECT SPECIFIC SKILLS :

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	
1	Unit -1 digital documentation (Advanced)	6	3	1	10
Total(Marks)		1*8=8	2*4=8	4*1=4	20 (Marks)

ART EDUCATION

BOOK: CANVAS-A BOOK OF FINE ARTS

UNIT-1 STILL LIFE:

1. Pots and Kettle (Pencil Shading- Pg. 12)
2. Kettles, Apples and Wine (Colour Pencil- Pg.13)
3. Flowers (Water Colour-Pg.15)
4. Fruits (Colour Pencil- Pg.16)
5. Vegetables (Colour Pencil- Pg.18)

HEALTH AND PHYSICAL EDUCATION

BOOK: EARLY YEARS PHYSICAL ACTIVITY FACILITATOR

UNIT-1: ROLE AND RESPONSIBILITY OF AN EARLY YEARS PHYSICAL ACTIVITY FACILITATOR

1. Identify roles and responsibilities of a physical activity facilitator
2. Describe the various activities to be conducted by the physical activity facilitator