



**MOUNT COLUMBUS SCHOOL
DAKSHINPURI, NEW DELHI-110062**

SESSION: 2026-2027

CLASS: VII

**MID- TERM SYLLABUS
ENGLISH(R1)**

**NAME OF THE BOOKS: ENGLISH READER
EMINENT ENGLISH
EXCELLENCE IN ENGLISH (For Practice Only)
KING SOLOMON'S MINES**

TOPICS	ACTIVITIES
<u>ENGLISH READER</u> 1. The Blue Bird (As per PT-I) 2. The Bodhisattva (As per PT-I) 3. How Much Land Does a man Need? 5. Pride hath a Fall 6. Amal <u>EMINENT ENGLISH</u> • Adjectives (As per PT-I) • Verbs (As per PT-I) • Tense • Verb: Finites and Non-Finites <u>WRITING SKILL</u> 1. Article Writing (As per PT-I) 2. Formal Letter Writing <u>KING SOLOMON'S MINES(READ-ONLY)</u> 5. Into the Desert 6. Water! Water! 7. Solomon's Road 8. We enter Kukuanaaland 9. Twala the King	- Students will participate in a role play activity where they will enact key scenes from "How Much Land Does a Man Need?" by Leo Tolstoy. They will be divided into groups and assigned different parts of the story, such as Pahom's conversation with his wife, his meeting with the merchant, his interaction with the Bashkirs, and the final race for land. One student may also take on the role of "Conscience" to present Pahom's inner thoughts. - Students will create a cause-and-effect chain using paper strips, where each strip represents a key event from the story "Pride Hath a Fall". They will write the cause on one part and its corresponding effect on another, linking the strips to show the sequence of events. - Design a graphic organizer to present key information about Amal and the dairyman from the story "Amal". Include details such as their roles, traits, actions, and their relationship with Amal, enabling them to compare and understand the characters more effectively while organizing information in a structured manner.

BLUE-PRINT

TIME:2 Hours 30 Minutes

MARKS:60

	1 Mark	2 Mark	4 Mark	5 Mark	Total	Percentage (%) weightage
SECTION A						16.67
Unseen Passage	5				5	
Unseen Passage	5				5	
SECTION B						
Writing Skill				2	10	33.33
Grammar	10				10	
SECTION C						50

RTC Poem	5				5	
RTC Prose	5				5	
SAQ Poem		3			6	
SAQ Prose		3			6	
LAQ Poem			1		4	
LAQ Prose			1		4	
TOTAL	30x1=30	6x2=12	2x4=8	2x5=10	60	100

हिंदी (R2)

पुस्तकों के नाम: पाठ्यपुस्तक-स्वपंख
व्याकरण सुमन
पूरक-पुस्तक-शिक्षाप्रद बाल कहानियाँ

पाठ का नाम	क्रियाकलाप
पाठ्यपुस्तक-स्वपंख पाठ 1. इसे जगाओ (PT-1) पाठ 2. सच्चा तीर्थयात्री (PT-1) पाठ 4. मेज़र ध्यानचंद (पठन) पाठ 5. यह है भारत देश हमारा पाठ 6. पानी रे पानी पाठ 7. अंतरिक्ष के भारतीय सितारे पूरक-पुस्तक-शिक्षाप्रद बाल कहानियाँ पाठ 1. चरित्र-निर्माण (PT-1) पाठ 3. भरा हुआ प्याला (PT-1) पाठ 4. देशभक्त बालक पाठ 5. चावल का एक दाना पाठ 6. आत्मविश्वास (पठन) व्याकरण सुमन पाठ 1. भाषा, लिपि और व्याकरण... (PT-1) पाठ 2. वर्ण-विचार (PT-1) पाठ 4. शब्द विचार (PT-1) पाठ 5. शब्द- मंजूषा (PT-1) पाठ 6. उपसर्ग (PT-1) पाठ 7. प्रत्यय (PT-1) पाठ 3. संधि पाठ 8. समास पाठ 9. संज्ञा पाठ 10. संज्ञा के लिंग और वचन पाठ 20. मुहावरे और लोकोक्तियाँ	# मानचित्र गतिविधि (Map Activity): भारत का नक्शा: विद्यार्थी उसमें चिह्नित करेंगे: राजधानी (दिल्ली) 2-3 राज्य, प्रसिद्ध स्थल (जैसे ताजमहल) # समूह गतिविधि (Group Activity) कार्य: कक्षा को समूहों में बाँटें और विषय देंगे: पानी के स्रोत (नदी, कुआँ, बारिश), पानी का उपयोग, पानी बचाने के उपाय, जल प्रदूषण निर्देश: चार्ट पर चित्र + 4-5 वाक्य लिखेंगे, समूह प्रस्तुति देंगे। # मॉडल/प्रोजेक्ट गतिविधि: विद्यार्थी रॉकेट या सोलर सिस्टम का मॉडल बनाएं: साधारण सामग्री: कागज, बोतल, रंग आदि।

लेखन

पाठ 21. अपठित बोध
 पाठ 22. अनुच्छेद लेखन
 पाठ 24. पत्र-लेखन
 पाठ 25. कहानी-लेखन
 पाठ 27. विज्ञापन-लेखन

प्रश्न-पत्र का प्रारूप**समय: 2.5 घंटे****पूर्णांक: 60**

क्रम संख्या	पाठ्य क्रमानुसार इकाइयां	इकाई पर आवंटित अंक	अंक वार प्रश्नों की संख्या			कुल प्रश्न	प्रतिशत
			1 अंक	2 अंक	5 अंक		
1	अपठित गद्यांश	14	6	4	- -	2	23.33
2	व्याकरण सुमन पाठ 1. भाषा, लिपि और व्याकरण पाठ 2. वर्ण-विचार पाठ 3. संधि पाठ 4. शब्द विचार पाठ 5. शब्द- मंजूषा पाठ 6. उपसर्ग पाठ 7. प्रत्यय पाठ 8. समास पाठ 9. संज्ञा पाठ 10. संज्ञा के लिंग और वचन पाठ 20. मुहावरे और लोकोक्तियाँ	14	2 1 2 1 1 1 1 3 1		-	1	23.33
3	पाठ्यपुस्तक- स्वपंख पाठ 1. इसे जगाओ पाठ 2. सच्चा तीर्थयात्री पाठ 5. यह है भारत देश हमारा पाठ 6. पानी रे पानी पाठ 7. अंतरिक्ष के भारतीय सितारे	14 8	1 1 1 1	2 2 2 2 2		3	36.67

	पूरक-पुस्तक-शिक्षाप्रद बाल कहानियाँ पाठ 1. चरित्र-निर्माण पाठ 3. भरा हुआ प्याला पाठ 4. देशभक्त बालक पाठ 5. चावल का एक दाना			1 1 1 1			
4	लेखन पाठ 21. अपठित बोध पाठ 22. अनुच्छेद लेखन पाठ 24. पत्र-लेखन पाठ 25. कहानी-लेखन पाठ 27. विज्ञापन-लेखन	10	-		2	2	16.67
5	योग	60	1X24=24	2X13=26	5X2=10	08	100

संस्कृत (R3)

पुस्तक का नाम- कस्तूरी संस्कृत पाठ्यपुस्तक (द्वितीय: भाग:)

पाठ का नाम	क्रियाकलाप
कस्तूरी संस्कृत पाठ्यपुस्तक (द्वितीय: भाग:) पाठ 1. लङ्-लकार: (प्रथम: पुरुष:) (PT-I) पाठ 2. लङ्-लकार: (मध्यम: पुरुष:) (PT-I) पाठ 3. लङ्-लकार: (उत्तम: पुरुष:) (PT-I) पाठ 4. लोट्-लकार: (प्रथम: पुरुष:) पाठ 5. लोट्-लकार: (मध्यम: पुरुष:) पाठ 6. लोट्-लकार: (उत्तम: पुरुष:) पाठ 7. विधिलिङ्-लकार: पाठ 8. सूर्य: व्याकरणम् - देव (अकारांत) शब्द रूप (PT-I) - राम (अकारांत) शब्द रूप 'पठ्' धातु रूप (लट् लकार, लृट् लकार, लङ् लकार) (PT-I) 'कृ' धातु रूप (लट् लकार, लृट् लकार, लङ् लकार) - संख्यावाचक शब्दाः (01-50) - अव्यय (PT-I) - शाकानि नामानि (PT-I) - फलानि नामानि (PT-I) - पुष्पाणि नामानि - शरीरस्य अङ्गानि नामानि - दैनन्दिन शब्दाः - समय - अपठित गद्यांशम् - संवाद लेखनं - चित्र वर्णन	तेज वाक्य प्रतियोगिता – अधिक से अधिक आदेश वाक्य बनाना । आदेश नाटक - बच्चे छोटे-छोटे समूह बनाकर "सः गच्छतु, ते पठन्तु" जैसे आदेश वाक्यों का नाटक प्रस्तुत करेंगे। वाक्य श्रृंखला खेल - बच्चे एक-एक करके आदेश जोड़ते हुए वाक्य श्रृंखला बनाएँगे। घूमने वाला (Rotating) मॉडल - बच्चे एक गोल आधार पर ग्रहों को इस प्रकार लगाएँगे कि वे पिन या मोटर की सहायता से सूर्य के चारों ओर घूम सकें।

प्रश्न-पत्र का प्रारूप

समय: 2.5 घंटे

पूर्णांक: 60

क्र म सं ख्या	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	8	6	1		-	1	1	13.3
2	- देव (अकारांत) शब्द रूप / राम (अकारांत) शब्द रूप 'पठ्' धातु रूप (लट् लकार, लृट् लकार, लङ् लकार) / 'कृ' धातु रूप (लट् लकार, लृट् लकार, लङ् लकार) - दैनन्दिन शब्दाः / अव्यय - समय - संख्यावाचक शब्दाः (1-50) - शाकानि नामानि / फलानि नामानि - पुष्पाणि नामानि / शरीरस्य अङ्गानि नामानि	2 2 2 3 3 3 3		1 1 1			-	7	30
3	पाठ्यपुस्तक पाठ 1. लङ्-लकार: (प्रथमः पुरुषः) (PT-I) पाठ 2. लङ्-लकार: (मध्यमः पुरुषः) (PT-I) पाठ 3. लङ्-लकार: (उत्तमः पुरुषः) (PT-I) पाठ 4. लोट्-लकार: (प्रथमः पुरुषः)	1 1 2 2 4 4					6	6	40

	पाठ 5. लोट्-लकार: (मध्यम: पुरुषः)	5							
	पाठ 6. लोट्-लकार: (उत्तम: पुरुषः)	5							
	पाठ 7. विधिलिङ्-लकारः								
	पाठ 8. सूर्यः								
4	लेखनं चित्र वर्णनं, संवाद लेखनं	10					2	2	16.7
	योग	60	1x6= 6	2X4= 8	3X4=1 2	4x6=2 4	5X3= 10	16	100

MATHEMATICS

Name Of The Book: New Mathematics Today

CHAPTERS	ACTIVITIES
CH-3 Rational Numbers CH-4 Exponents CH-9 Algebraic Expressions CH-10 Linear Equations in One Variable CH-19 Frequency Distribution and Mean	Addition of rational numbers using grid paper. Exponents using paper folding. Art integrated activity on addition of algebraic expressions. Using balancing method to understand linear equations in one variable.
CH-1 Integers CH-2 Fractions and Decimals CH-8 Speed, Time and Distance	AS PER PT I

BLUE PRINT

TIME: 2 hours 30 minutes

MAX MARKS :60

S.No.	Name of the Chapters	Objective Questions (1Mark)	Very Short Questions (2Marks)	Short Questions (3Marks)	Source Based Questions (4Marks)	Long Questions (5Marks)	Total Marks	Percentage (%) Weightage
1	CH-1 Integers	2	-	-	-	-	02	3.33
2	CH- 2 Fractions and Decimals	2	-	-	1	-	06	10
3	CH-3 Rational Numbers	2	1	1	1	-	11	18.33
4	CH- 4 Exponents	2	1	1	-	-	07	11.66
5	CH-8 Speed, Time and Distance	1	-	1	-	-	04	6.66
6	CH- 9 Algebraic Expressions	1	1	1	-	1	11	18.33
7	CH-10 Linear Equations in One Variable	1	2	1	-	1	13	21.66
8	CH- 19 Frequency Distribution and Mean	1	1	1	-	-	06	10
	Total	12x1=12	6x2 = 12	6x3 = 18	2x4 = 8	2x5=10	60	100

SCIENCE

Name Of The Book: Sterling Science

CHAPTER	ACTIVITY/EXPERIMENT
CH-1 THE EVER EVOLVING WORLD OF SCIENCE (PT-1)	-
CH-8 MEASUREMENT OF TIME AND MOTION (PT-1)	-
CH-10: LIFE PROCESS IN PLANTS (PT-1)	

CH-2 EXPLORING SUBSTANCES: ACIDIC, BASIC AND NEUTRAL

Activity

Test common household substances (lemon juice, soap, baking soda, vinegar) using litmus paper and classify them as acidic, basic, or neutral.

To create a fun quiz, crossword, or board game based on: pH scale, Indicators, Uses of acids/bases.

Design a poster showing causes and effects of acid rain, include: factories, pollution, damage to plants and buildings.

Experiment

To find the nature of different solution using red and blue litmus papers.

CH-7: HEAT TRANSFER IN NATURE

Activity

Heat Map Drawing: To draw/point a map showing hot and cold regions of Earth. (Include: Equator, poles, deserts, oceans Explain why heat distribution is uneven.)

Investigate the effects of global warming and heat on different regions of the world.

Weather Reporter Project: Students act as weather reporters explaining how heat affects wind, rain, and seasons

Experiment

To demonstrate conduction of heat.

To demonstrate convection of heat.

CH-9: LIFE PROCESS IN ANIMALS

Activity

Write a short story titled: "*A Day Inside the Human Body*"
(Describing digestion, breathing, and circulation creatively)

To create a comic showing food traveling through the digestive system.(Digestion, Absorption , Egestion)

Measure breathing rate: Before exercise and after exercise.

Breathing Process Animation: Draw a flipbook or poster showing inhalation and exhalation.

Experiment

To show that carbon dioxide is produced during respiration.

BLUE PRINT

TIME: 2 hours 30 minutes

MAX. MARKS: 60

S.No.	CHAPTERS	MCQs/Very Short Questions (1 Mark)	Short Questions (2 Marks)	Source based Questions (4 Marks)	Long Questions (5 Marks)	Total Marks	Percentage (%) Weightage
1	CH-1 THE EVER EVOLVING WORLD OF SCIENCE (PT-1)	2	1	-	-	04	6.67
2	CH-8: MEASUREMENT OF TIME AND MOTION (PT-1)	3	1	-	-	05	8.33
3	CH-10: LIFE PROCESS IN PLANTS (PT-1)	2	1	1		08	13.33
4	CH-2 EXPLORING SUBSTANCES: ACIDIC, BASIC AND NEUTRAL	2	2	1	1	15	25
5	CH-7: HEAT TRANSFER IN NATURE	2	2	1	1	15	25
6	CH-9: LIFE PROCESS IN ANIMALS	2	1	1	1	13	21.67
	TOTAL	1X13=13	2X8=16	4X4=16	5X3=15	60	100

SOCIAL SCIENCE

BOOK NAME: ILLUSTRATIVE SOCIAL SCIENCE

CHAPTERS	ACTIVITIES
HISTORY Ch-6, The Age of Reorganisation Ch-4, New Beginnings: Cities and State (As per PT I) Ch-5, The Rise of Empires (As per PT I)	Write the numbers in Brahmi Script on an A4 size sheet.
GEOGRAPHY Ch-2, Understanding the Weather Ch1, Geographical Diversity of India (As Per PT I)	Make a model of the Wind Wane

CIVICS
Ch- 9 From the Rulers to the Ruled: Types of Governments (As per PT I)

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BLUE PRINT

TIME: 2 hours 30 minutes

MAX. MARKS: 60

S . N o .	Name of the Chapter	MCQs (1Mark)	VSA (2 Marks)	SA (3 Marks)	Source Based Questions (4 Marks)	Long Answers Questions (5Marks)	Map Based Question (4Marks)	Total Marks	percent age
1	Ch-6 The Age of Reorganisation	1	1		1	-	1	8	13.33
2	Ch- 4 New Beginnings: Cities and States	1	1	1		--	-	6	10
3	Ch- 5 The Rise of Empires	2	1	1	1	-		11	18.33
4	Ch- 2 Understanding the Weather	2	1	1	1	5	1	17	28.33
5	Ch- 1 Geographical Diversity of India	2		1	1		2	11	18.33
6	Ch-9 From the Rulers to the Ruled: Types of Government	2	1	1				7	11.66
	Total	1x10=10	2x5=10	3x5=15	4x4=16	1x5=5	1x4=4	60	100

INFORMATION TECHNOLOGY

Name Of The Book: Cyber Tales

Chapter Name	Activities
Ch1 Number Systems	As per PT I
Ch 2 Formulas and functions	As per PT I
Ch 3 Advanced features of Excel	As per PT I
Ch 4 More on Python	- Write a program to calculate the Body Mass Index (BMI) of a person. - Write a program to check whether a given year is a leap year or not.
Ch 5 Introduction to Blockchain	Secret Code (Hashing) Activity Build Your Own Mini Blockchain (Paper Activity)

Time: 1hour 30 minutes**BLUE PRINT****Total marks: 30**

Chapter Name	Objective Type Questions	Short Answer Type Questions	Long Question	Total Questions
	1 Mark Each	2 Marks Each	4 Marks Each	
Ch1 Number Systems	2	1	1	4
Ch 2 Formulas and functions	2	1		3
Ch 3 Advanced features of Excel	2	2		4
Ch 4 More on Python	2	1	1	4
Ch 5 Introduction to Blockchain	2	1		3
Total Marks	1x10=10	2x6=12	4x2=8	30 Marks

ARTIFICIAL INTELLIGENCE**Name Of The Book: Artificial Intelligence 3.O**

UNIT / CHAPTER	ACTIVITIES /PRACTICAL
3. Ethical Consideration in Different Domains of AI	• Case study discussion on AI bias (e.g., facial recognition) • Role-play activity — "AI Ethics Court"; identify ethical vs. unethical AI use scenarios • Group debate on AI in healthcare/education
1. Introduction to Natural Language Processing	As per PT I
2. Statistical Data	As per PT I

BLUE PRINT

TIME: 1 hours 30 minutes

MAX. MARKS: 30

Chapter Name	Objective Type Questions	Short Answer Type Questions	Long Question	Total Questions
	1 Mark Each	2 Marks Each	4 Marks Each	
3. Ethical Consideration in Different Domains of AI	4	2	1	7
1. Introduction to Natural Language Processing	3	2		5
2. Statistical Data	3	2	1	6
Total Marks	1x10=10	2x6=12	4x2=8	30 Marks

ART

Name Of The Book: Colors And Craft

TOPIC	PAGE NO.
1. Fragrant Flowers	22
2. Colourful Bloom	23
3. Green Leaves	24
4. Colourful Birds	27
5. The Lioness	30
6. Face Drawing	37

COMPUTATIONAL THINKING AND ARTIFICIAL INTELLIGENCE

PART – 1 COMPUTATIONAL THINKING
CH- 2 Arithmetic Expressions
CH- 4 Expressions using Letter - Numbers
PART – 2 ARTIFICIAL INTELLIGENCE
CH-2 Data Visualisation & Analysis

***Computational Thinking & AI subject will not be assessed in the Exam.**

