

NEW ERA PUBLIC SCHOOL**Syllabus (2025 - 26)****Subject: English****Class : VIII**

MONTH	LITERATURE	GRAMMAR	WRITING SKILLS
APRIL	1. A Man's Best Friend. 2. Ozymandias (Poetry)	The Pronoun Auxiliary verbs and Modals	Letter to the Editor
MAY	3. Face on the Wall	Reading Comprehension I	
JUNE	SUMMER BREAK		
JULY	5. The Treasure of Lemon Brown 7. The Dash	Tenses Reading Comprehension II	Diary entry
AUGUST	8. The Clothing Man 4. Mending Wall	Active and Passive Voice Prepositions	Notice Writing (events)
SEPTEMBER	MIDTERM EXAM		
OCTOBER	Macbeth (Drama)	Articles Subject Verb Agreement Writing: Informal Letter	Informal letter
NOVEMBER	Small Pain in My Chest (Poetry)	Conjunctions Clauses Writing: Article Writing	Article Writing

DECEMBER	A Fishy Story (Prose)	Direct and Indirect Speech Adverbs Writing: Story Writing	Story Writing
-----------------	-----------------------	--	---------------

JANUARY	The Seven Ages of Man (Poetry)	Adjectives Reading	
FEBRUARY	The Speckled Band (Prose)	Comprehension III	
MARCH	ANNUAL EXAM		

Syllabus (2025-26)
Class - VIII
Subject: Mathematics

Prescribed Book

Mathematics for class VIII (NCERT)

MONTH	TOPIC	SUBTOPIC
APRIL	Chapter 1: Rational Numbers	• Introduction • Properties of rational numbers
	Chapter 3: Understanding Quadrilaterals	• Introduction • Types of polygons • Sum of the measures of the exterior angles of a Polygon • Kinds of quadrilaterals • Parallelogram and its properties • Some special parallelograms
	Chapter 5: Squares and Square Roots	• Introduction • Properties of square numbers
	Activity 1 Activity 2	Exterior angle property of a polygon Adjacent angles of a parallelogram are supplementary
MAY	Chapter 5: Squares and Square Roots	• Patterns in square numbers • Finding the square of a number • Pythagorean triplets • Methods to find square root- repeated subtraction, prime factorization, long division
	Activity 3	Finding the square root of a number
JULY	Chapter 5: Squares and Square Roots	• Square roots of decimals
	Chapter 6: Cubes and Cube Roots	• Introduction • Patterns in cube numbers • Cubes of numbers • Cube roots
	Chapter 2: Linear Equations in One Variable	• Introduction • Solving equations having the variable on both sides • Reducing equations to simpler form
	Activity 4	Solving a linear equation in one variable
AUGUST	Chapter 8: Algebraic Expressions and Identities	• Introduction (expressions terms, factors and coefficients, monomials, binomials and polynomials, like and unlike terms) • Addition and subtraction of algebraic expressions • Multiplication of algebraic expressions: - Introduction - Multiplying a monomial by a monomial - Multiplying a monomial by a polynomial - Multiplying a polynomial by a polynomial
	Activity 5	Verification of the algebraic identity: $a^2 - b^2 = (a + b)(a - b)$ by paper cutting and pasting.
SEPTEMBER		Revision for Mid Term Examination

OCTOBER	Chapter 12: Factorisation	• Introduction • Methods of factorisation: - Common factors - Regrouping terms - Splitting middle term - Using identities • Division of algebraic expressions
	Activity 6	Verification of the algebraic identity: $(a + b)^2 = a^2 + b^2 + 2ab$ by paper cutting and pasting.
NOVEMBER	Chapter 10: Exponents and Powers	• Introduction • Powers with negative exponents • Laws of exponents • Standard form of numbers using exponents
	Chapter 9: Mensuration	• Introduction • Area of a polygon • Surface area of cube, cuboid and cylinder
	Activity 7	Derivation of the formula for total surface area of a cuboid.
	Activity 8	Derivation of the formula for curved surface area of a cylinder.
DECEMBER	Chapter 9: Mensuration	• Volume and capacity (cube, cuboid and cylinder)
	Chapter 11: Direct and Inverse Proportion	• Introduction • Direct proportion • Inverse proportion
	Chapter 7: Comparing Quantities	• Ratio and percentage • Discount, sales tax, GST, VAT • Simple and compound interest • Applications of compound interest formula
	Activity 9	Derivation of the formula for area of a parallelogram.
JANUARY	Chapter 13: Introduction to Graphs	• Introduction • Line graph • Some Applications (Linear graph)
	Chapter 4: Data Handling	• Introduction • Circle graph or pie chart (Interpretation and construction)
	Activity 10	Comparing simple and compound interest using graphs.
FEBRUARY	Chapter 4: Data Handling	• Chances and probability
		Revision for Annual Examination

Syllabus (2025-26)**Class :VIII****Subject : Science**

MONTH	CHAPTER	SUB-TOPICS	PRACTICALS
April	Chapter-1 Crop Production and Management Chapter-2 Microorganisms: Friend and Foe	Agricultural practices, basic practices of crop production, preparation of soil, agricultural implements , sowing, adding manure and fertilizers , irrigation, traditional and modern methods of irrigation , protection from weeds, harvesting and storage , food from animals. Activity: To separate healthy seeds from damaged seeds. Introduction to microorganisms ,Where do microorganisms live? , Microorganisms and us-friendly microbes , making curd and bread, Commercial use of microorganisms , medicinal use of microorganisms, vaccine, increasing soil fertility , cleaning the environment, harmful microorganisms- diseases causing microorganisms in humans, animals and plants , food poisoning, food preservation,nitrogen fixation, nitrogen cycle. Activity: To study fermentation by yeast to produce alcohol.	1. To study the fermentation of dough by yeast cells. 2. To study various microbes using permanent slides.
May	Chapter-3 Coal and Petroleum	Exhaustible and inexhaustible natural resources , coal , petroleum , refining of petroleum , natural gas , some natural resources are limited.	

July	Chapter-4 Combustion and flame What is combustion? , conditions for combustion , ignition temperature, How do we control fire? , types of combustion , flame and its structure, what is a fuel? ,fuel efficiency , burning of fuels leads to harmful products. Activity: To show that oxygen supports combustion. Activity: To show that it is essential for a substance to reach its ignition temperature to burn. Chapter-5 Conservation of plants and animals Deforestation & its causes,Consequences of deforestation ,Conservation of forest and wildlife,Biosphere reserve , Flora and fauna, Endemic Species ,Wildlife sanctuary, National park, Project tiger, Endangered animals, Ecosystem, Red data book , Migration, Recycling of paper , Reforestation.	3.To prove that a substance burns only when its ignition temperature is reached. 4.To study the various zones of a candle flame.
August	Chapter-6 Reproduction in animals Modes of reproduction , sexual reproduction (male and female reproductive organs, fertilization- types of fertilization- internal and external) , IVF, development of embryo , viviparous and oviparous animals young ones to adults , asexual reproduction- budding in hydra and yeast, binary fission I amoeba, cloning. Chapter-7 Reaching the age Adolescence and puberty , changes at puberty- secondary sexual characters , role of hormones in initiating reproductive function , reproductive phase of life in humans , how is the	

	of Adolescence	sex of a baby determined? , hormones other than sex hormones , role of hormones in completing the life history of insects and frogs , reproductive health, nutritional needs of the adolescents, personal hygiene, physical exercise , say NO to drugs.	5.To compare the average rate of growth in height of boys and girls with respect to age.
Septemb-er	REVISION		
October	Chapter-8 Force and Pressure	Force-A push or a pull , forces are due to interaction , exploring forces , forces can cause change in state of motion and the shape of an object , contact forces, non -contact forces , pressure, pressure-exerted by liquids and gases , atmospheric pressure. Activity: Force can change the state of motion of an object. Activity: Liquid exerts pressure on the bottom of glass tube. Activity: Liquid exerts pressure on the sides of the container. Activity: Liquid exerts equal pressure at the same depth or height. Activity: Pressure exerted by a liquid increases with the increase in height or depth. Activity: To prove the existence of atmospheric pressure.	
November	Chapter-9 Friction	Force of friction , factors affecting friction , spring balance, friction-a necessary evil , increasing and reducing friction, wheels reduce	

	Chapter-10 Sound	friction , fluid friction. Activity: To show that the magnitude of friction is less over smooth surfaces. Activity: Distance covered by the object depends upon the nature of the surface. Activity: Friction is greater when the two surfaces are pressed together harder. Sound is produced by a vibrating body, sound is produced by humans, sound needs a medium for propagation, we hear sound through our ears, Activity: A vibrating rubber band produces sound. Activity : Sound produced by ‘Jaltarang’. Activity: To show how sound is produced by vocal chords. Activity: To study propagation of sound through solids. Activity: To study the propagation of sound through air.	6.To study that sound requires a medium to propagate.
Decemb-er	Chapter-10 Sound	Amplitude, time period and frequency of a vibration, loudness and pitch, audible and inaudible sounds, Noise	7.To produce sound of different frequencies.

	Chapter-11 Chemical effects of Electric Current and music , Noise pollution, what are the harms of noise pollution, measures to limit Noise Pollution, Hearing impairment. Do liquids conduct electricity? , chemical effects of electric current , electroplating and Electrolysis. Activity: To check if liquids conduct electricity. Activity: Using a tester with magnetic compass to test the electrical conductivity of liquids. Activity: To study the change in colour of potato due to the chemical effect of electric current. Activity: To coat an iron key with copper metal by electroplating.	8.To study the flow of electric current through various liquid samples.
	Chapter-12 Some natural phenomena Lightning , charging by rubbing, charging by induction, charging by conduction , types of charges and their interaction , transfer of charge- electroscope, lightning , lightning safety, lightning conductors , earthquakes , what is an earthquake? What causes an earthquake?, protection against earthquakes. Activity: To prove that an object gets electrically charged by rubbing. Activity: To understand the interaction between two types of electric charges. Activity: To understand construction and working of a simple electroscope.	9.To study types of charges on two objects rubbed together.
January	Chapter-13 Light	10.To study dispersion of light using a plane mirror inclined on

		multiple images, kaleidoscope , dispersion of light , structure of a human eye , care of the eyes , visually challenged person can read and write, what is the Braille system? Activity: To observe the laws of reflection. Activity: To observe the image formed by a plane mirror. Activity: To form multiple images using two plane mirrors. Activity: To make a kaleidoscope. Activity: To show that sunlight consists of seven colours. Activity: To prove the existence of blind-spot..	a water surface.
February	REVISION		

Syllabus (2025-26)
Class - VIII
Subject : Social Science

Months	History	Civics	Geography
April	Ch 2: From Trade to Territory		Map Skill: India: States and union territories and their capitals Ch 1: Resources
May	Ch 2: From Trade to Territory	Ch 1: The Indian Constitution	
July	Ch 3: Ruling the Countryside	Ch 2: Understanding Secularism	Ch 2: Land, Soil, Water, Natural Vegetation & Wildlife Resources
August	Ch 5: When People Rebel	Ch 3: Parliament and the Making of Laws	Ch 3: Agriculture
September	Revision		
October	Ch 6: Civilising the “Natives”, Educating the Nation.	Ch 4: Judiciary	
November	Ch 7: Women, Caste and Reforms	Continuation Judiciary	Ch 4: Industries
December	Ch 8: The Making of the National Movement 1870s-1947	Ch 7: Public Facilities	
January		Ch 8: Law & Social Justice	Ch 5: Human Resources
February	Revision		

MAP SYLLABUS (2025-26)

TERM	HISTORY	GEOGRAPHY
TERM 1 APRIL - SEPTEMBER	Chapter 2 – From Trade To Territory 1. Calcutta 2. Mysore 3. Buxar 4. Plassey 5. 3 Presidencies (Bengal, Madras & Bombay) 6. Hyderabad Chapter 5- When People Rebel 1. Meerut 2. Delhi 3. Lucknow 4. Jhansi 5. Awadh 6. Bareilly 7. Kanpur	<u>MAP SKILL</u> <u>(Each to be done on separate map)</u> 1. States of North India and their capital 1.UP 2.Uttarakhand 3.Punjab 4.Haryana 5.Himachal Pradesh 2.States of South India and their capital 1.Andhra Pradesh 2.Karnataka 3.Kerala 4.Tamil Nadu 5.Telangana 3. States of Central India and their capital 1.Chhattisgarh 2.Madhya Pradesh 4. States of East India and their capital 1.West Bengal 2.Bihar 3.Jharkhand 4.Odisha Chapter 3 : Agriculture 1.Nomadic herding - a) Rajasthan b) Jammu & Kashmir 2.Rice - a) Sri Lanka b) Bangladesh c) West Bengal (India) 3.Jhumming - North - Eastern part of India.

TERM	HISTORY	GEOGRAPHY
TERM II OCTOBER - FEBRUARY	Ch 6: Civilising the “Native”, Educating the Nation. 1. Calcutta 2. Bombay 3. West Bengal (Shantiniketan) Chapter 8 - The Making of the National Movement (1870’S – 1947) 1. Champaran 2. Kheda 3. Ahmedabad 4. Jallianwala Bagh (Amritsar) 5. Chauri Chaura 6. Dandi	<u>MAP SKILL (Each to be done on separate map)</u> 1. North Eastern States of India and their capital 1.Arunachal Pradesh 2.Assam 3.Manipur 4.Meghalaya 5.Mizoram 6.Nagaland 7.Tripura 8.Sikkim 2. States of West India and their capital 1. Goa 2. Gujarat 3.Maharashtra 4.Rajasthan 3. Union territories and its capital 1. Andaman and Nicobar Island 2.Lakshadweep Island 3.Puducherry 4.Daman and Diu and Dadar and Nagar Haveli 5.The Government of NCT of Delhi 6.Chandigarh 7.Jammu and Kashmir 8. Ladakh 4. Coastal states of India and their capital 1. Gujarat 2. Maharashtra 3.Goa 4. Karnataka 5. Kerala 6. Tamil Nadu 7.Andhra Pradesh 8. Odisha 9. West Bengal Chapter 4: Industries 1.Iron and Steel Industries: a) Bhilai b) Rourkela c) Bokaro d) Jamshedpur e) Vijaynagar f) Vishakhapatnam g) Salem, Tamil Nadu h) Durgapur

Syllabus (2025 – 26)**Subject : French****Class : VIII**

MONTH	LITERATURE	GRAMMAR	WRITING SKILLS
APRIL	0. Connaissez – vous la France? 1. La lettre de Valerie	a) Facts about france b) Position of adjectives c) All types of articles d) All types of verbs	a) Picture description b) Décrivez France
MAY	2. Joyeux anniversaire Paul!	e) Demonstrative adjectives f) Adverbs of quantity g) Impersonal verbs h) Imperatives after another verb	Invitation writing
JUNE	SUMMER BREAK		
JULY	3. C'est ma ville 4. Une journée dans la vie de mes parents	i) Interrogation j) Pronominal verbs k) Seasons and Time	Paragraph writing
AUGUST	5. Mon argent de poche	l) Interrogative adjectives and adverbs	—
SEPTEMBER	MID TERM EXAMINATION		
OCTOBER	6. Les loisirs de Nathalie	m) Faire and jouer verbs n) Les sports	Un mél
NOVEMBER	7. Range ta chambre	o) Imperatives	—
DECEMBER	8. Où allez – vous?	p) Prépositions de lieux q) Savoir and connaître r) YER ending verbs	—
JANUARY	9. Hier, j'ai...	s) Passé composé with avoir	Informal letter (passé composé)
FEBRUARY	10. Pendant les vacances	t) Passé composé with être	—
MARCH	ANNUAL EXAMINATION		

पाठ्यक्रम (2025-26) कक्षा-आठवीं विषय- संस्कृत				
माह	संस्कृत सोपानम्	शब्द रूप	धातु रूप	संख्यावाची शब्द
<u>अप्रैल</u>	पाठ-1 ईश-वन्दना पाठ-2 सिंहः मूषकः च	भगवत्	वद् (लङ्, लोट्, विधिलिङ् लकार)	
<u>मई</u>	पाठ-3 हिमालयः	किम् (तीनों लिंगों में)		संख्यावाची शब्द 1 से 25 तक
<u>जुलाई</u>	पाठ-4 स्वास्थ्यस्य रक्षा पाठ-5 क्रीडायाः क्षेत्रम्	साधु	हस् (लङ्, लोट्, विधिलिङ् लकार)	
<u>अगस्त</u>	पाठ-6 त्रयः मत्स्याः	नदी		संख्यावाची शब्द 1 से 25 तक (पुनरावृत्ति)
<u>सितम्बर</u>			स्था (लङ्, लोट्, विधिलिङ् लकार)	
<u>अक्टूबर</u>	पाठ-7 श्रीरामः पाठ-8 जन्तुशाला	शशिन्	रक्ष् (लङ्, लोट्, विधिलिङ् लकार)	
<u>नवम्बर</u>	पाठ-9 नलः दमयन्ती च पाठ-11 बुद्धः	दातृ		संख्यावाची शब्द - 26 से 50 तक
<u>दिसम्बर</u>	पाठ-13 आचार्यः चाणक्यः		गम् (लङ्, लोट्, विधिलिङ् लकार)	
<u>जनवरी</u>	पाठ-14 श्लोकाः	पयस्	पा (लङ्, लोट्, विधिलिङ् लकार)	संख्यावाची शब्द - 26 से 50 तक
<u>फरवरी</u>				संख्यावाची शब्द - 1 से 50 तक (पुनरावृत्ति)

पाठ्यक्रम (2025-26)

कक्षा - आठवीं

विषय : हिंदी

माह	गुलमोहर	भारत की खोज	व्याकरण	लेखन कौशल
अप्रैल	1.पहरुए, सावधान रहना गतिविधि (आपकी कॉलोनी के लिए एक चौकीदार की आवश्यकता है। सूचनापट्ट पर लगाने के लिए एक सूचना तैयार कीजिए।) 2.दादा बने खिलाड़ी गतिविधि (आधुनिक युग के व्यायामशाला और परंपरागत अखाड़े - विषय पर दादा जी और पोते के बीच हुई बातचीत को संवाद के रूप में लिखिए।)	1.अहमद नगर का किला (चर्चा)	1. क. अनुस्वार और अनुनासिक ख. वर्णों का संयोग, वर्ण विच्छेद 2. तत्सम-तद्भव (1-30) 3. रचना के आधार पर शब्द - रूढ़, यौगिक, योगरूढ़ शब्द 4.संधि - दीर्घ, गुण	अनुच्छेद लेखन - विश्व की शान-भारत सूचना लेखन - अपने विद्यालय के वार्षिक उत्सव में कविता पाठ हेतु इच्छुक छात्रों को जानकारी देने के लिए एक सूचना तैयार कीजिए।
मई	3.जन्नत की गलियों में गतिविधि (कश्मीर की विशेषताएँ चार्ट पर आकर्षक ढंग से लिखिए।)	2.तलाश (चर्चा)	1. क. विलोम शब्द (1-40) ख. पर्यायवाची (1-10) ग. वाक्यांश (1-20) 2.संज्ञा-भेद, भाववाचक संज्ञा, लिंग, वचन निर्माण, व्यक्तिवाचक का जातिवाचक में, जाति-वाचक का व्यक्तिवाचक में प्रयोग।	अनौपचारिक पत्र- मोदी सरकार द्वारा चलाए गए स्वच्छता अभियान के अंतर्गत अपने विद्यालय में किए जा रहे कार्यों के विषय में बताते हुए अपने पिताजी को पत्र लिखिए।
जुलाई	4. ग्राम्य जीवन गतिविधि कृषि संस्कृति से जुड़े किसी त्योहार का एक लोकगीत तैयार कर कक्षा में सुनाइए। - किसी अन्य राज्य की लोकबोली के गीत का चुनाव भी किया जा सकता है।)	3.सिंधु घाटी सभ्यता (चर्चा)	1. कारक तथा भेद 2. सर्वनाम तथा भेद 3. अपठित गद्यांश	अनुच्छेद लेखन - वनों का महत्व अनौपचारिक पत्र - पेड़-पौधों की देखभाल करने की प्रेरणा देते हुए अनुज को पत्र लिखिए।
अगस्त	5. सोशल मीडिया गतिविधि (सेल्फी खींचिए और छाया चित्रों को अपनी उत्तरपुस्तिका में सजाइए। - योग करते हुए, संतुलित भोजन की थाली के साथ, अपने घर की स्वदेशी वस्तुओं के साथ, आँगन की हरियाली के साथ)		1. विशेषण परिभाषा तथा भेद, प्रविशेषण 2. संरचना के आधार पर क्रिया 3. समास (तत्पुरुष, द्वंद्व, अव्ययी भाव) 4. मुहावरे (1-20) 5. अपठित गद्यांश	अनुच्छेद लेखन - त्योहारों का बदलता स्वरूप अनौपचारिक पत्र - ग्रीष्मावकाश में किए गए सामाजिक कार्य का वर्णन करते हुए अपने दादा जी को पत्र लिखिए।

सितंबर			1. पुनरावृत्ति (संधि, समास, सर्वनाम, विशेषण)	अनुच्छेद लेखन - परहित सरिस धर्म नहीं भाई सूचना लेखन - आपके क्षेत्र में होने वाले रक्तदान शिविर के विषय में जानकारी देते हुए एक सूचना तैयार कीजिए। अनौपचारिक पत्र
अक्टूबर	6. साइकिल की सवारी गतिविधि (यदि लेखक साइकिल चलाना सीखने के बदले हारमोनियम सीखने का प्रयत्न करते तो क्या होता ? कल्पना कीजिए और एक मनोरंजक कहानी लिखिए।)	4. युगों का दौर (चर्चा)	1. अनेकार्थी शब्द (1-10) 2. अव्यय	औपचारिक पत्र - समाज में बढ़ते अपराध को रोकने के लिए नागरिकों को जागरूक करने का आग्रह करते हुए किसी समाचार पत्र के संपादक को पत्र लिखिए।
नवंबर	7. कर्मवीर गतिविधि (समूह में कर्मवीर के मापदंड तय कीजिए। उन मापदंडों के आधार पर कर्मवीरों की सूची बनाइए।) 8. भविष्य का भय गतिविधि (बाल मजदूरी पर पोस्टर तैयार कीजिए।)	5. नयी समस्याएँ (चर्चा)	1. वाक्य के अंग, विस्तार 2. संधि- वृद्धि, यण	अनुच्छेद लेखन - करत-करत अभ्यास के जड़मति होत सुजान विज्ञापन लेखन - चायपत्ती के निर्माता के लिए एक आकर्षक विज्ञापन तैयार कीजिए।
दिसंबर	9. गिरिधर की कुंडलियाँ	6. अंतिम दौर - एक (चर्चा)	1. संरचना के आधार पर वाक्य भेद 2. समास (बहुव्रीहि, कर्मधारय, द्विगु)	अनुच्छेद लेखन - भारत के दर्शनीय स्थल औपचारिक पत्र - खेलों की उचित व्यवस्था करने के लिए प्रधानाचार्या को प्रार्थना पत्र लिखिए।
जनवरी	10. नीलू गतिविधि (जानवरों का संरक्षण - विषय पर एक आकर्षक नारा लिखिए।)		1. अपठित गद्यांश	औपचारिक पत्र - शिक्षा क्षेत्र में सुधार करने का आग्रह करते हुए प्रधानमंत्री जी को पत्र लिखिए। विज्ञापन लेखन
फरवरी			1. पुनरावृत्ति- वाक्य, समास, संधि, अपठित गद्यांश, संज्ञा, सर्वनाम, विशेषण, क्रिया	अनुच्छेद लेखन - समाचार- पत्रों की उपयोगिता औपचारिक पत्र (अभ्यास)