



VISHWA BHARATI PUBLIC SCHOOL, GR. NOIDA
SYLLABUS BREAKUP 2023-24
CLASS-VIII

ENGLISH

- BOOKS-**
- 1) **HONEY DEW-Text book in English**
 - 2) **IT SO HAPPENED-Supplementary Reader**
 - 3) **ESSENTIALS OF ENGLISH GRAMMAR AND COMPOSITION (LATEST ED.)**

S.no	Month	LITERATURE	GRAMMAR AND LANGUAGE SKILLS	WRITINGSKILL
1	April	Ch 1- The Best ChristmasPresentin the world Poem-TheAntand the Cricket Ch-1Howthe camel got hishump	Articles and Determiners, Tenses	Letter writing: Letter to the Editor
2	May	Ch2-TheTsunami Poem- Geography Lesson Ch-2Children at work	Verbforms Tenses (contd...)	Paragraphwriting
3	July	Ch3-Glimpsesofthe past Poem-The last Bargain Ch 3- The SelfishGiant	Phrases and Clauses	Diary Entry,
4	August	Ch 4- Bipin Choudhury'sLapse of Memory Ch-5 Princess September	Conjunctions Synonymsand Antonyms	Email
5	September	Revision	Revision	Revision
6	October	Ch5 The Summit Within Poem: The School Boy Ch:6 The Fight	Modals	Noticewriting

7	November	Ch-6 This is Jody's Fawn Ch- 7 The Open Window Ch-8 Jalebis	Prepositions Question Tags,	Storywriting
8	December	Ch7-A Visit to Cambridge Ch-9The Comet-I Ch-10The Comet-II	Active and Passivevoice, Integrated Grammar Exercises	NewspaperReport
9	January	Ch 8- A Short Monsoon Diary Poem: On the Grasshopper and Cricket Ch- Ancient Education System of India	Direct and IndirectSpeech Integrated Grammar	Essay Writing
10	February	Revision (Final Term)		

विषय - हिंदी

पाठ्यपुस्तक -वसंत -3 , अमोली हिंदी व्याकरण , भारत की खोज

मास	वसंत भाग -3	अमोली हिन्दी व्याकरण	रचनात्मक कार्य	गतिविधियाँ
अप्रैल	पाठ 1 लाख की चूड़ियाँ , पाठ 2 बस की यात्रा भारत की खोज - अहमदनगर का किला , तलाश	भाषा लिपि व्याकरण शब्द विचार , पर्यायवाची शब्द , विलोम शब्द ,	अनुच्छेद लेखन अपठित गद्यांश	आशु भाषण
मई	पाठ 3 दीवानों की हस्ती पाठ 4 भगवान के डाकिए भारत की खोज -सिंधु घाटी सभ्यता	वाक्यांश के लिए एक शब्द, संज्ञा , सर्वनाम ,	अनौपचारिक पत्र , विज्ञापन लेखन	कहानी /कविता लेखन
जुलाई	पाठ 5 क्या निराश हुआजाए भारत की खोज -युगों का दौर	उपसर्ग ,प्रत्यय , संधि	संवाद लेखन ,चित्र वर्णन	नारा लेखन
अगस्त	पाठ 6 यह सबसे कठिन समय नहीं पाठ 7 कबीर की सखियाँ	विशेषण ,क्रिया तथा काल मुहावरे	औपचारिक पत्र,	कविता गायन

	भारत की खोज-नयी समस्याएँ			
सितंबर	पुनरावृत्ति	पुनरावृत्ति	-	-
अक्टूबर	पाठ 8 सुदामा चरित भारत की खोज-अंतिम दौर - एक	आशुद्धि शोधन , पद परिचय	अपठित गद्यांश , सूचना लेखन	विज्ञापन लेखन
नवंबर	पाठ 9 जहाँ पहिया है पाठ 10 अकबरी लोटा भारत की खोज-अंतिम दौर - दो	अविकारी शब्द वाक्य विचार	अनुच्छेद लेखन संवाद लेखन	दोहा गायन
दिसंबर	पाठ 11 सूर के पद पाठ 12 पानी की कहानी भारत की खोज- तनाव , दो पृष्ठभूमियाँ -भारतीय और अंग्रेजी	पद बंध , विराम चिह्न , वाच्य	संदेश लेखन	संवाद प्रस्तुतीकरण
जनवरी	पाठ 13 बाज और साँप, पुनरावृत्ति कार्य	पुनरावृत्ति कार्य	पत्र लेखन	

संस्कृत पाठ्यक्रम

पुस्तकें

3 रुचिरा भाग 1

माणिक संस्कृत व्याकरण 2

प्रथम सत्र

माह	पाठ	माणिका संस्कृत व्याकरण	वाचन/ पाठन कौशल
अप्रैल	प्रथमः पाठः सुभाषितानि	पाठः 1 कारकः उपपद विभक्तयः च । पाठः 2 शब्द रूप प्रकरणम् । चित्र वर्णनम् ।	मम परिचयः ।
मई	तृतीय पाठः	पाठः 3 धातु रूप	श्लोक गायन

	डिजिभारतम्	<p>प्रकरणम्- पठ , अस खाद्</p> <p>पाठः 11 संख्याः ।</p> <p>शब्द रूपाणि- देव, लता , अपठित अवबोधनं , पत्र लेखनम्</p>	
जुलाई	<p>चतुर्थ पाठः सदैव पुरतौ निधेहि चरणम् ।</p>	<p>पाठः 4 संधि</p> <p>पाठः 7 अव्यानि</p> <p>पाठः 8 प्रत्ययाः</p> <p>शब्द रूपाणि- तत् , नदी , पितृ</p> <p>धतुरूपाणि – भू , पा , पच्</p>	वार्तालाप
अगस्त	<p>पञ्चमः पाठः कण्टकेनैव कण्टकम् ।</p>	<p>पाठः 6 पर्यायाः एवं विपर्ययः ।</p> <p>पाठः 10 समयः अनुवादः ।</p> <p>शब्दरूपाणि – इदं , यत्, मातृ</p>	मन्त्र उच्चरण

		धतुरूपाणि – सेव,लिख,कृ शकानां नामानि ।	
सितम्बर	पाठानाम पुनरावृत्ति	सामान्य अनुवाद	

द्वितीय सत्र

माह	पाठ	माणिका संस्कृत व्याकरण	वाचन/पाठन कौशल
अक्टूबर	दशमः पाठः नीतिनवनीतम् । एकादशः पाठः सावित्री बयि फुले ।	पाठः 5 समासाः । पाठः 9 वाच्यपरिवर्तनं । शब्दरूपाणि – युष्मद् , साधु, बालिका धतुरूपाणि – रक्ष,याच ।	गीत भजन गायन /
नवम्बर	त्रयोदशः पाठः क्षितो राजते भारत स्वर्ण भूमि ।	पाठः 12 अशुधि शोधनम् । पाठः 14 वार्तालापः । पत्रलेखनम् । अनुवादः , शब्दरूपाणि-बालक ,	कथा वचनम्

		वारि,मति धतुरूपाणि – स्था , वद्	
दिसम्बर	चतुर्दश पाठ आर्यभटाः	अनुवाद वार्तालप अपठित अवबोधनं , पत्रलेखनम् चित्र वर्णनम्	शब्दकोश अन्ताक्षरि
जनवरी	अभ्यास प्रश्न पत्रम् पुनरावृत्ति	अनुवादः फलानां नामानि पक्षिणां नामानि	श्रवण कौशल मूल्यांकन
फरवरी	अभ्यास प्रश्न पत्रम् पुनरावृत्ति	अभ्यास प्रश्न पत्रम् पुनरावृत्ति	

Subject –Mathematics:

TEXT BOOK PRESCRIBED: Mathematics for class VIII by NCERT

MONTH	CHAPTER	TOPICS	ACTIVITIES
April	Ch– 1. Rational Numbers Ch – 2. Linearequation in one variable.	<ul style="list-style-type: none"> • Properties of rational numbers • Representation of rationalnumbers on a number line • Rational numbers between two given rational numbers • Solving equation with variable on one side • Solving equation with variable on both side • Application of linear equation 	<ul style="list-style-type: none"> • Activity based on Rational numbers.

		<ul style="list-style-type: none"> • Equation reducible to the linear form • Applications 	
May	Ch – 5. Square and Square roots	<ul style="list-style-type: none"> • Properties of Square numbers • Patterns • Finding square of a number • Pythagorean triplets • Finding square roots by prime • Factorization & division methods • Estimating square root 	<ul style="list-style-type: none"> • To verify Pythagoras theorem for a given right angled triangle
July	Ch – 6. Cube and Cube roots Ch – 3. Understanding Quadrilaterals	<ul style="list-style-type: none"> • Cube roots of perfect cubes • Polygons and types of polygons • Angle sum property • Sum of the Exterior angles of a polygon • Kinds of quadrilaterals • Some special parallelograms • Patterns <p>Faces, Edges & Vertices of Solid shapes</p>	<p>To verify the exterior angle sum property of polygon</p> <ul style="list-style-type: none"> • To verify the angle sum property of a quadrilateral • To verify Euler's Formula for different polyhedrons
August	Ch – 7. Comparing Quantities	<ul style="list-style-type: none"> • Ratio & Percentages • Finding increase/decrease in percentage. • Discount, Profit, loss and value added tax. Compound interest 	<ul style="list-style-type: none"> • Activity based on comparing quantities
September	Revision		
October	Ch – 4. Data Handling Ch – 10 Exponents & Powers	<ul style="list-style-type: none"> • Organising & grouping data • Bars with difference • Pie charts • Probability • Powers with negative exponents • Laws of exponents • Standard form of numbers & comparisons 	<ul style="list-style-type: none"> • To collect, organize and analyse the data (ART INTEGRATED ACTIVITY)

November	<p>Ch – 13. Introduction to graph</p> <p>Ch – 8. Algebraic Expressions & Identities</p>	<ul style="list-style-type: none"> • Line Graph & Linear Graph • Cartesian system • Expressions • Polynomials • Multiplication of a polynomial with a polynomial • Standard identities & their applications 	<ul style="list-style-type: none"> • To find the position of a given object on a cartesian plane. • Verifying the identities: $(a+b)^2 = a^2 + 2ab + b^2$ $(a - b)^2 = a^2 - 2ab + b^2$
December	<p>Ch – 12. Factorization</p> <p>Ch – 11. Direct & Inverse Proportion</p>	<ul style="list-style-type: none"> • Factorisation by common factors, regrouping terms, using identities • Factors of the form $(x+a)(x+b)$ • Division of polynomials • Direct & Inverse proportions • Applications 	<p>Verify the identity $a^2 - b^2 = (a+b)(a - b)$</p>
January	<p>Chapter - 9 Mensuration</p> <p>Revision</p>	<ul style="list-style-type: none"> • Area of various quadrilaterals, polygons • Surface areas & volume of cube, cuboid & cylinder 	<p>To find formula for total surface area of cylinder</p>
February	Revision		

SCIENCE:

MONTH	CHAPTER AND SUB-TOPIC	ACTIVITY
April	CH-1 crop production and Management Agricultural practices. Basic practices of crop production and animal food. CH-2 Microorganisms- friends and foe Microorganisms and us, commercial and medicinal use of microorganisms, foodpreservation, nitrogen fixation	Design a pamphlet on the topic helpful microbes in our body (art integrated project)
May	CH-3 Coal and petroleum Exhaustible and inexhaustible resources, coal, petroleum and natural gas CH-4 Combustion and flame Definition, (combustion, fuel, ignition temperature), how do we control fire, types of combustion,structure of a flame, fuel efficiency Process of electrolysis, process of electroplating CH-5 Conservation of plants and animals Deforestation and its Causes, Consequences of deforestation, Flora and Fauna, Endemic species, National Park, Recycling of paper, Reforestation.	Quiz on: - Special grade kerosene oil,LPG, COAL, CNG To observe the increase in the volume of dough during the fermentation of sugar r present in dough by yeast cells. To observe the different zones of candle (live demonstration)
July	CH-6 Reproduction in animals Modes of reproduction. Sexual and asexual reproduction, viviparous s and oviparous, IVF,cloning CH-7 Reaching the age of adolescence Adolescence and puberty,sexual characteristics,sex determination,hormones and its role, reproductive health	Cloning: - prepare a report on its application, advantages and disadvantages
August	CH-8 Force and pressure Force, push and pull,exploring force,contact and non-contact	To observe the pressure exerted by the liquid on the wall of the container (plastic

	<p>force,pressure exerted by liquid and gases,atmospheric pressure</p> <p>CH-9 Friction Force of friction,factors affecting friction,advantages and disadvantages of friction- a necessary evil,ways to increase and decrease friction,fluid friction</p>	bottle,water,adhesive tape)
September/ October	<p>CH-10 Sound</p> <p>Sound is produced by vibrating body,sound produced by human,sound needs medium for propagation,human ear,amplitude,time period,frequency,loud ness,pitch, audible and inaudible sound,noise and music,noise pollution</p>	To organize a competition in which every student must prepare a musical instrument with the help of things available easily.
November	ch-11 Chemical effects of electric current	Do liquid conduct electricity? Chemical effect of electric current, Electroplating, good conductor, LED. To observe the laws of reflection with the help of mirror,comb,a strip of black paper and torch. (Live demonstration in the class)
December	CH-12 Some natural phenomena	
January	<p>CH-13 Light</p> <p>Laws of reflection, regular and irregular reflection,multiplereflections,multiple images,sunlight- white and colored</p>	
February	REVISION	

SOCIAL SCIENCE

Prescribed Book: NCERT

MONTH	NO. & NAME OF THE CHAPTER	TOPICS	ACTIVITIES
APRIL	Geography: L-1, Resources	<ul style="list-style-type: none"> • Types of Resources • Conserving Resources 	ACTIVITY – Collect samples of various RESOURCES and prepare a project . Also write about resources conservation.
	History: L-1,How, When and Where (Activity Based)	<ul style="list-style-type: none"> • How Important are dates? • How do we periodise? • How do we know? 	ACTIVITY - Map mind of various ways of periodization of the Indian History
	L-2, From Trade to Territory	<ul style="list-style-type: none"> • East India Company comes East • Company rules expands • Setting up a New Administration 	REASONING ABILITY Find the colonial powers & their colonies in the world.
	Civics: L -1, The Indian Constitution	<ul style="list-style-type: none"> • Why does a country Need a Constitution? • The Indian Constitution- A Key Feature 	DRAWING SKILLDraw front page of our Constitution and write Preamble
MAY	Civics: L-2, Understanding Secularism	<ul style="list-style-type: none"> • What is Secularism? • Why is it important to Separate Religion from the State? 	REASONING ABILITY Find out the various countries which have secularism & write its form
	Geography: L-2, Land, Soil, Water,Natural Vegetation and Wildlife Resources (Project Based)	Land, Land use, Conservation of Land Resources <ul style="list-style-type: none"> • Soil, Soil Formation, Degradation of Soil • Distribution and Conservation of Natural Vegetation and Wildlife 	Diagram- Soil Profile Activity: Collect and write information on any 2 national parks of India with illustrations Project(Holiday home work) :Collect samples of different crops(any five) and write information about them.

	Geography:L-4, Agriculture	<ul style="list-style-type: none"> ● Through the eyes of the people ● A mutiny becomes a popular rebellion ● The Company Fights back <ul style="list-style-type: none"> ● Farm System and Types of Farming ● Agricultural Development 	<p>MUTINY OF 1857. You can present through skit, songs and dance</p> <p>.</p> <p>MAP SKILL – mark ,label and color any 2 states of India producing wheat, rice, cotton, jute, tea, coffee</p>
SEPTEMBER	Revision for Half Yearly Exam		
OCTOBER	History:L- 6: Weavers, Iron Smelters and Factory Owners (Open Text Based Assessment)	<ul style="list-style-type: none"> ● Indian Textiles and the World Market ● The Decline of Indian Textiles ● Cotton Mills Come up ● The Sword of Tipu Sultan and Wootz Steel ● Abandoned Furnaces in Villages ● Iron and Steel Factories 	ASSESSMENT : Open text will be given on the topic of Indian Textile Industry came up
	L-7Civilising the ‘Native and’ Educating the Nation	<ul style="list-style-type: none"> ● How the British saw education ● What happen to the local schools 	
	Civics: L-5, Judiciary	<p>What is the Role of Judiciary?</p> <ul style="list-style-type: none"> ● What is an Independent Judiciary? ● Structure of Courts in India ● Does everyone has 	REASONING ABILITY :Find out the sates of India who has more than one high court & the states who shared the high court with other countries

	L-6, Understanding our Criminal justice system (Activity Based)	<p>access to the Courts?</p> <ul style="list-style-type: none"> ● Role of the police ● Role of Public Prosecutor ● Role of a Judge ● What is a fair trial? 	<p>ROLE PLAY - Public Prosecutor, Police, Defence lawyer, Judge by taking case study of any criminal case of India</p>
NOVEMBER	<p>Geography: L-5, Industries</p> <p>Civics: L-7, Understanding the Marginalisation (Activity Based)</p> <p>History : L-8 Women, Caste and Reform (Activity Based)</p>	<p>Classification of Industries</p> <ul style="list-style-type: none"> ● Who are Adivasis? ● Adivasis and Stereotyping, Development ● Minorities and Marginalisation ● Working towards change ● Caste & Social reform 	<p>MAP SKILL : Major Industries of India (Iron & steel , Cotton & IT. 2 each)</p> <p>ART INTEGRATED ACTIVITY: Present any one Adivasi Dance and dressed like one or make the powerpoint presentation</p> <p>GROUP DISCUSSION: Role of Women in India & World – Comparative Study</p>
DECEMBER	<p>Geography: L- 6, Human Resources</p> <p>History: L-9 The Making of National Movement:1870-1947</p>	<ul style="list-style-type: none"> ● Distribution of Population ● Factors affecting distribution of Population ● Population Change, Population Composition ● The Emergence of Nationalism ● The Growth of Mass 	<p>PROJECT WORK : Draw a timeline from the period 1885-1947</p>

		Nationalism <ul style="list-style-type: none"> • The March to Dandi • Quit India and later 	
	Civics : L-10, Law and Social Justice (Activity based)	What is a Worker's Worth? <ul style="list-style-type: none"> • Enforcement of Safety Laws • New Laws to protect the Environment 	PROJECT WORK : Prepare a detailed report on Labour Laws of India. Sight various Cases to support your project.
JANUARY	Civics: L-8 Confronting Marginalisation L- 9 Public Facilities History: L-10 India after Independence	<ul style="list-style-type: none"> • Act of 1989 - SC & STs (Prevention of Atrocities) only included) • Water and the People of Chennai • Water as Part of the Fundamental Right to Life • Public Facilities • Where does the government get money for public facilities? A New and Divided Nation <ul style="list-style-type: none"> • A Constitution is Written • How were States to be Formed 	
FEBRUARY	Revision for Final Exams		

SUBJECT :AI
TERM: I

MONTH	UNITS AND TOPIC	SUB TOPICS	PRACTICAL
APRIL	Unit 1 Introduction to Artificial Intelligence	<ul style="list-style-type: none"> • What makes a Human Naturally Intelligent? • Types of Intelligence. • Advantages and Disadvantages. 	Create Power Point Presentation on different kinds of intelligence proposed by Howard Gardner.
MAY	Unit 2 History of	• Major events since 1920s	Find out more about a

	Artificial Intelligence	till date	Humanoid robot “Sophia” and prepare a document.
JULY	Unit 3 Applications of Artificial Intelligence	<ul style="list-style-type: none"> • Transportation, Healthcare, Education etc. • Everyday Uses of AI- Siri, Netflix etc. • Applications of Artificial Intelligence in E-mail 	Discussion about Speech recognition, Face recognition and Optical Character Recognition (OCR)
AUGUST AND SEPTEMBER	Unit 4 Future of Artificial Intelligence	Glimpse into the future of AI. • Live in the future. • Why future need humans?	“HOME IS WHERE YOUR HEART IS?” Design a layout of a floor plan of your dream smart home.

TERM: II

MONTH	UNITS AND TOPIC	SUB TOPICS	PRACTICAL
OCTOBER NOVEMBER	Unit 5 Domains of Artificial Intelligence	<ul style="list-style-type: none"> • First Domain • Hands on Activity • Chatbots 	Create Power Point Presentation on different kinds of intelligence proposed by Howard Gardner.
DECEMBER	Unit 6 Ethical Challenges in AI	<ul style="list-style-type: none"> • Teaching computers • Need for Ethics • Ethical objectives 	Prepare an E-poster What will happen if computers get faster than we are?
JANUARY AND FEBRUARY	Unit 7 Career in AI	<ul style="list-style-type: none"> • Artificial intelligence in India • How AI has Reinvented hiring What are the different career domains and roles available? • Eye on the future 	Prepare a job advertisement for 2030 job in field of AI.