



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 Christmas Present in the world Poem-The Ant and the Cricket Ch-1 How the camel got his hump	Articles and Determiners, Tenses	Letter writing: Letter to the Editor
2	May	Ch2-The Tsunami Poem- Geography Lesson Ch-2 Children at work	Verb forms Tenses (contd...)	Paragraph writing
3	July	Ch3-Glimpses of the past Poem-The last Bargain Ch 3- The Selfish Giant	Phrases and Clauses	Diary Entry,
4	August	Ch 4- Bipin Choudhury's Lapse of Memory Ch-5 Princess September	Conjunctions Synonyms and Antonyms	Email
5	September	Revision	Revision	Revision
6	October	Ch5 The Summit Within Poem: The School Boy Ch:6 The Fight	Modals	Notice writing

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	पुनरावृत्ती	पुनरावृत्ती	-	-
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, पुनरावृत्ती कार्य	पुनरावृत्ती 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	प्रकरणम्- पठ , अस खाद् पाठः 11 संख्याः शब्द रूपाणि- देव, लता , अपठित अवबोधनं , पत्र लेखनम्	
जुलाई	चतुर्थ पाठः सदैव पुरतौ निधेहि चरणम्	पाठः 4 संधि पाठः 7 अव्यानि पाठः 8 प्रत्ययाः शब्द रूपाणि- तत् , नदी , पितृ धतुरूपाणि – भू , पा , पच्	वार्तालाप
अगस्त	पञ्चमः पाठः कण्टकेनैव कण्टकम्	पाठः 6 पर्यायाः एवं विपर्ययः पाठः 10 समयः अनुवादः शब्दरूपाणि – इदं , यत्, मातृ	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 rational numbers 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.
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>	To observe the laws of reflection with the help of mirror,comb,a strip of black paper and torch. (Live demonstration in the class)
February	REVISION	

SOCIAL SCIENCE

Prescribed Book: NCERT

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

<p>JULY</p>	<p>History: L-3, Ruling the Countryside</p> <p>Civics: L-3, Why do we need a Parliament?</p> <p>Civics : L-4 Understanding Laws</p> <p>Geography : L-3, Mineral and Power Resources (Map Skill)</p>	<ul style="list-style-type: none"> ● The Company becomes the Diwan ● Crops for Europe ● The 'Blue Rebellion' and after ● Why should people decide? ● The role of Parliament ● Who are the people in Parliament? ● Do laws apply to all ● Unpopular & ● Types of Minerals ● Distribution, Uses, 	<p>MAP SKILLS : Centres of Permanent , Mahlwari & Ryotwari Settlement , Champaran Movement</p> <p>ACTIVITY- Visit Parliament House during a session and watch proceedings of the Lok Sabha and Rajya Sabha.</p> <p>ACTIVITY : Make a report on any one unpopular law in India</p> <p>Map Skill- 'Power stations</p>
		<p>Conservation of Minerals</p> <ul style="list-style-type: none"> ● Non-Conventional Sources of Energy <p>Policies and the people</p>	<p>& Minerals distribution in India (Iron , Bauxite, Manganese)</p> <ul style="list-style-type: none"> ● World Map - Lead Producer of tungsten – China , Lead Producer of tin – Indonesia, Country without mineral deposit – Switzerland , Candaian Shield
<p>AUGUST</p>	<p>History:-L-4: Tribals, Dikus and the Vision of a Golden Age (Activity Based)</p> <p>L-5 When people rebel 1857 and after</p>	<ul style="list-style-type: none"> ● How Did Tribal Groups Live? ● How Did Colonial Rule Affect Tribal Lives? ● A Closer Look 	<p>Portfolio on Forest laws or Birsa Munda – Hero of Tribals</p> <p>PROJECT Make a project on</p>

	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>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 Civics: L-5, Judiciary	<ul style="list-style-type: none"> ● How the British saw education ● What happen to the local schools <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>

	Civics : L-10, Law and Social Justice (Activity based)	<p>Nationalism</p> <ul style="list-style-type: none"> • The March to Dandi • Quit India and later <p>What is a Worker's Worth?</p> <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	<p>Civics: L-8 Confronting Marginalisation</p> <p>L- 9 Public Facilities</p> <p>History: L-10 India after Independence</p>	<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? <p>A New and Divided Nation</p> <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	<ul style="list-style-type: none"> • 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.