

VISHWA BHARATI PUBLIC SCHOOL, GRETER NOIDA

SYLLABUS 2023-24

CLASS: VII

ENGLISH

Prescribed books- 1. Honeycomb (NCERT)

2. An Alien Hand (NCERT) (Supplementary)

3. Essentials of English Grammar and Composition (latest ed.)

S.NO	MONTH	LITERATURE	ESSENTIALS OF ENGLISH GRAMMAR & COMPOSITION	WRITING SKILLS
1.	April	Ch-1 Three Questions Poem - The Squirrel Supplementary - The Tiny Teacher	Ch - 1 The Sentences Ch - 2 Nouns	E-mail writing
2	May	Ch-2 A Gift of Chappals Poem - The Rebel Supplementary - Bringing Up Kari	Ch-3 Adjectives Ch- 4 Articles Ch-5 Pronouns	Diary Entry
3	July	Ch-3 Gopal and the Hilsa Fish, Poem - The Shed Supplementary-Golu Grows a Nose	Ch - 18 Clauses-Main and Subordinate, Adjectival, Adverbial Clause	Informal letter

4	August	<p>Ch-4 The Ashes That Made Trees Bloom</p> <p>Poem - Chivvy</p> <p>Supplementary - I want something in a Cage</p>	<p>CH - 7 VERBS : EXPRESSING THE PRESENT</p> <p>Ch -8:- VERBS : EXPRESSING THE PAST</p> <p>Ch -9:- VERBS : EXPRESSING THE FUTURE</p>	Dialogue Completion
5	September	Revision	Revision	Revision
6	October	<p>Ch-5 Quality</p> <p>Poem - Trees</p> <p>Supplementary - Chandni</p>	<p>Ch - 11 Finite and Non finites,</p> <p>Fixed Expressions</p>	Newspaper report
7	November	<p>Ch-6 Expert Detectives</p> <p>Poem - Mystery of the Talking Fan</p> <p>Supplementary - The Bear Story</p>	<p>Ch - 19 Simple, Complex and Compound Sentences</p>	Notice writing
8	December	<p>Ch-The Invention of Vita-Wonk</p> <p>Poem - Dad and the Cat and the Tree</p> <p>Supplementary - A Tiger in the House</p>	<p>Ch - 12 Active and Passive voice,</p> <p>Ch - 16 Reported speech</p>	Message Writing

9	January	Ch - A Homage to our Brave Soldiers Poem - Meadow Surprise Supplementary - An Alien Hand	Ch -16 Reported Speech(contd...)	Short story writing
10	February	Revision	Revision	Revision

हिंदी

पाठ्य पुस्तक: बसंत - 2,

बाल महाभारत

अमोली हिंदी व्याकरण ।

मास	विषय वसंत, महाभारत	अमोली हिंदी व्याकरण रचनात्मक लेखन	गतिविधियाँ
अप्रैल	पाठ - 1 हम पंछी उन्मुक्त गगन के पाठ 2 - दादी माँ महाभारत - देवव्रत	पाठ - 1 भाषा और व्याकरण पाठ - 2 वर्ण विचार लेखन - संवाद लेखन	कविता वाचन श्रवण कौशल
मई	पाठ 4 - कठपुतली पाठ - 5 मिठाईवाला महाभारत - भीष्म प्रतिज्ञा	पाठ - 4 शब्द विचार पाठ - 5 शब्द भंडार *पर्यायवाची शब्द *विलोम शब्द लेखन - औपचारिक पत्र	*एक सुंदर कठपुतली बनाए । *चित्र सहित पर्यायवाची शब्दों से फ्लैशकार्ड तैयार कीजिए।

जुलाई	पाठ - 6 रक्त और हमारा शरीर पाठ - 7 पापा खो गए महाभारत - लाख का घर	पाठ - 5 शब्द भंडार *वाक्यांश के लिए एक शब्द *श्रुतिसंभिन्नार्थक शब्द पाठ - 3 संधि (स्वर - संधि) लेखन - अनुच्छेद लेखन	मिट्टी से बने किसी बर्तन को सितारों से / गोटे से / मोती आदि से सजाएँ ।
अगस्त	पाठ - 9 चिड़ियाँ की बच्ची महाभारत - पांडवों की रक्षा	पाठ - 6 उपसर्ग-प्रत्यय पाठ - 7 संज्ञा तथा संज्ञा के विकार	मिठाईवाला / सब्जीवाला शिक्षक के साथ बातचीत को संवाद के रूप में प्रस्तुत करें ।
सितंबर	पुनरावृत्ति एवं अर्धवार्षिक परीक्षा	-	-
अक्टूबर	पाठ 11 रहीम के दोहे पाठ 12 कंचा पाठ - द्रौपदी स्वयंवर महाभारत - चौसठ का खेल व द्रौपदी की व्यथा	पाठ - 8 सर्वनाम पाठ - 9 विशेषण लेखन - अपठित गद्यांश लेखन - विज्ञापन रचना	किसी एक भक्तिकालीन कवि का चित्र बनाकर 150 शब्दों में वर्णन कीजिए ।
नवंबर	पाठ - 13 एक तिनका पाठ - 15 नीलकंठ महाभारत - शांतिदूत श्री कृष्ण	पाठ - 10 क्रिया तथा काल पाठ - 12 अविकारी शब्द लेखन - संवाद लेखन अनुच्छेद लेखन	कहानी वाचन
दिसंबर	पाठ - 16 भोर और बरखा पाठ - 17 वीर कुँवर सिंह महाभारत - पांडवों का धृतराष्ट्र के प्रति व्यवहार	पाठ - 14 अशुद्ध वाक्यों का संशोधन पाठ - 15 विराम चिह्न लेखन - अनौपचारिक पत्र लेखन	स्वतंत्रता संग्राम में भाग लेने वाले सेनानियों का एक कोलाज बनाए
जनवरी	पाठ - 18 संघर्ष के कारण मैं तुनकमिजाज़ हो गया महाभारत - पांडवों का धृतराष्ट्र के प्रति व्यवहार	पाठ - 16 मुहावरे लेखन - डायरी लेखन	दस मुहावरों के चित्र सहित वाक्य प्रयोग कीजिए ।

फरवरी	पुनरावृत्ति	पुनरावृत्ति	-
-------	-------------	-------------	---

संस्कृत

पाठ्य पुस्तक:

रुचिरा भाग 2

माणिक संस्कृत व्याकरण

माह	पाठ	माणिका संस्कृत व्याकरण	वाचन/ पाठन कौशल
अप्रैल	प्रथमः पाठः सुभाषितानि	पाठ 1 उच्चारणस्थानानि अपठित गद्यांश , चित्र वर्णन पठ , लिख धातु रूप पांचों लकारों में	मम परिचय
मई	द्वितीय पाठः दुर्बुधि विनश्यति	पाठ 2 वर्ण विन्यासः संयोगः च पाठ 4 शब्दरूपप्रकरणं , पाठ 5 धातु रूप प्रकरणं	श्लोक गायन
जुलाई	तृतीय पाठः स्वावलम्बनम् पञ्चम पाठः पण्डिता रमा बाई	पाठ 3 संधि पाठ 12 पत्र लेखनं , शब्द रूपाणि	वार्तालाप

		फल, मति, पितृ, धातु रूपाणि नम, पा, स्मृ	
अगस्त	षष्ठं पाठः सदाचारः अष्टम् पाठः त्रि वर्ण ध्वजः	पाठ 9 कारक उपपद विभक्ति च पाठ 8 संख्या पाठ 7 समय लेखनं	मन्त्र उच्चारण
सितम्बर	पाठानाम पुनरावृत्ति	पाठ 6 पर्यायः एवं विपर्याय सामान्य अनुवाद	_____
अक्टूबर	द्वादश पाठ विद्यालया धनम्	पाठ 11 अशुधि संशोधनं शब्द रूपाणि यत तीनों लिंगों में धातु रूपाणि – खाद् पठ पांचों लिंगों में	गीत / भजन गायन
नवम्बर	त्रयोदश पाठ अमृतं संस्कृतम्	पाठः 10 प्रत्यय अपठित अवबोधनं	कथा वचनम्
दिसम्बर	चतुर्दश पाठ अनरिकाय जिज्ञासा	अनुवाद वार्तालप शब्द रूपाणि युष्मद	शब्दकोश अन्ताक्षरि

जनवरी	अभ्यास प्रश्न पत्रम् पुनरावृत्ति	पाठ 13 वार्तालाप पत्र लेखनम्	श्रवण कौशल मूल्यांकन
फरवरी	अभ्यास प्रश्न पत्रम् पुनरावृत्ति	अभ्यास प्रश्न पत्रम् पुनरावृत्ति	

MATHEMATICS

BOOKS PRESCRIBED: MATHEMATICS FOR CLASS -7 (N.C.E.R.T),

N.C.E.R.T EXEMPLAR, LAB MANUAL

MONTH	TEST	SYLLABUS
JULY	PT-1	L-1 Integers L-2 Fractions &Decimals L-4 Simple Equations
SEPTEMBER	HALF YEARLY EXAM	L-1 Integers L-2 Fractions &Decimals L-3 Data Handling L-4 Simple Equations L-5 Lines & Angles L-6 Triangles and it's Properties L-8 Rational Numbers
NOVEMBER	PT-II	L-10 Algebraic Expressions L-7 Comparing Quantities
FEBRUARY	ANNUAL EXAM	L-2 Fractions &Decimals L-3 Data Handling L-4 Simple Equations L-5 Lines & Angles L-6 Triangles and it's Properties L-7 Comparing Quantities L-8 Rational Numbers L-9 Perimeter and Area L-10 Algebraic Expressions L-11 Exponents and powers

TERM I

MONTH	CHAPTER NAME/TOPIC SUB TOPIC	Activity
APRIL	<p>Chapter-1 Integers -Multiplication & division, properties ,word problems of integers.</p> <p>Chapter-2 Fractions & Decimals - Multiplication & division of decimals - Multiplication and division of fractions.</p>	Lab manual - To find the product of two given decimals.
MAY	<p>Chapter-4 Simple Equations - Framing equations, solving equations</p> <p>Chapter-8 Rational Numbers - Representation on number line, operations on rational</p> <p>Chapter-13 Visualising Solid Shapes -To draw nets of 3d shapes (Holidays HW)</p>	Game – Hop and jump on number line
JULY	<p>Chapter-5 Lines and Angles -Pairs of angles, pairs of lines, transversal, properties of angles made by transversal with parallel lines.</p>	<p>Lab manual – To verify that if two parallel lines are cut by a transversal, then</p> <p>i. each pair of corresponding angles are equal.</p> <p>ii.each pair of alternate interior angles are equal.</p> <p>iii.each pair of interior angles on the same side of transversal are supplementary by paper cutting and pasting.</p>
AUGUST	<p>Chapter-6 The Triangle and its Properties - Properties of triangles and their application.</p>	Lab manual- To verify that a triangle can be drawn only if the sum of lengths of any two sides is greater than the third side.
SEPTEMBER	REVISION	HALF YEARLY EXAM

TERM II

MONTH	CHAPTER NAME/TOPIC SUB TOPIC	Activity
OCTOBER	<p>Chapter-10 Algebraic expressions - Addition & subtraction of</p>	

	algebraic expressions, value of expressions	
NOVEMBER	Chapter-7 Comparing Quantities -Ratio & proportion, percentage, profit & loss, simple interest. Chapter 11: Exponents and Powers -Laws of exponents, Scientific notation	Lab manual – To compare the marks obtained in all the subjects by a student in the first and second term examination by drawing a bar graph using paper cutting and pasting.
DECEMBER	Chapter 9: Perimeter and Area - Introduction - Perimeter and area of square, rectangle, parallelogram, circle - Area of path, area of cross roads	Lab manual – To see that shapes having equal areas may not have equal perimeters.
JANUARY	L-12 Symmetry -Line symmetry -Rotational symmetry	Lab manual – To find lines of symmetry of a figure by paper folding.
FEBRUARY	REVISION	ANNUAL EXAM

SCIENCE

MONTH	CHAPTER AND SUB-TOPIC	ACTIVITY
APRIL	CH-1 Nutrition in plants Modes of nutrition in plants Photosynthesis-food making process by plants. Synthesis of plant food other than carbohydrates. Other modes of nutrition in plants .How nutrients are replenished in the soil? CH-2 Nutrition in animals Digestion in humans, Digestion in grass eating animals. Feeding and digestion in amoeba.	To identify the presence of starch by iodine Test. To study the saprophytic mode of nutrition in growing fungus(Bread mould) Model of digestive system and teeth. To observe the characteristic features of Starfish.
MAY	CH-3 Heat Hot and cold, measuring temperature, Laboratory thermometer, transfer of heat, kinds of clothes CH-4 Acids, bases and salts Acids and bases introduction. Natural indicators around us Litmus, turmeric and china rose. Neutralization in every day life. Different ways of taking food.	Activity to show that heat travels through solids such as metals by conduction with the help of rod,nails and a candle To check the P ^H of different samples.

July	CH-5 Physical and chemical changes. Physical and chemical changes, rusting of iron, crystallization.	To cut the paper into pieces for physical change and burning of candle.
September	Revision	
October	CH-8 Reproduction in plants Modes of reproduction Asexual and sexual reproduction. Fruit and seed formation. Seed dispersal. CH-9 Motion and Time Speed- its types Measuring speed Numericals on Distance-Time graph	To observe reproduction process in plants by video. How to plot d-t graph To study motion of simple pendulum and calculate its time period.
November	CH-10 Electric current and its effects- Electrical components , Heating effect of electric current ,Magnetic effect of electric current ,Electromagnet. CH-11 Light Light travels along a straight line. Reflection of light, images formed by lenses, sunlight white or coloured .	Making a simple electromagnet, identifying situations in daily life where electromagnets are used.
December	CH-12 Forest : our lifeline CH-13 Wastewater story	Class discussion Class discussion
January	Revision	

SOCIAL SCIENCE

Prescribed Book: NCERT

MONTH	NO. AND NAME OF THE CHAPTER	TOPICS	ACTIVITIES
APRIL	History: L-1 Tracing changes through a thousand years (Reading skills) Geography L1 Environment	- New and old terminologies - Historians and their sources - Old and New Religions	PROJECT Make few FLASH CARDS and show New and Old terminology related to our history ACTIVITY Collect 5 things that are natural and 5 human made things . Discuss in


	<p>L-2 Inside our earth</p> <p>Civics: L-1 On Equality</p>	<p>- Natural environment, Ecosystem Human environment</p> <p>- Interior of the earth, Rocks and minerals, Rock cycle</p> <p>Equal right to vote, organizing I dignity, adult franchise.</p>	<p>class how humans are destroying environment ? Diagrams; Rock cycle, Interior of the earth.</p> <p>PROJECT: Collect few samples of rocks and minerals . show in class and discuss</p> <p>Poster Making- make a poster on Equality</p>
MAY	History: L-2, New kings and kingdoms	<p>-About Delhi Sultans, Expansion of Delhi sultans, Expansion</p> <p>-Under Khalji's& Tughluq's, 15th and 16th century sultanate</p>	<p>Diagrams: Volcano, Earthquake</p> <p>Map :AlaudinKhalji's Campaign to South India</p> <p>PROJECT</p>
JULY	<p>History: L-3 The Delhi Sultans</p> <p>Geography: L-3 Our Changing Earth</p> <p>Civics: L-3 How the State government works.</p>	<p>-About Delhi Sultans, Expansion of Delhi sultans, Expansion</p> <p>-Under Khalji's& Tughluq's, 15th and 16th century Sultanate</p> <p>- Evolution of land forms, origin of an earthquake, Major landforms</p> <p>- Functions of MLA, Debate in Legislative Assembly Working of the government</p>	<p>Diagrams: Volcano, Earthquake</p> <p>Map :AlaudinKhalji's Campaign to South India</p> <p>PROJECT</p> <p>Dress like any of the Delhi Sultan and present his /her life story as story telling</p> <p>PROJECT- Prepare a project file – Natural Calamities – caused and precautions</p> <p>ROLE PLAY- Enactment of Legislative Assembly</p>
AUGUST	History: L-4 The Mughal Empire	- Mughal Emperors, Military Campaigns,	Map: Military campaign under Akbar and

	<p>Geography: L-4 Air</p> <p>L-5 Water (Project /activity based)</p> <p>Civics: L-4 Growing up as boys and girls (Reading skills)</p>	<p>administrative policy, Akbar's policy.</p> <p>-Composition of atmosphere, structure of atmosphere, -Weather and climate, air pressure, wind and moisture</p> <p>-Distribution of water bodies, ocean circulation, waves -Tides, ocean currents</p> <p>-Valuing housework, Woman's work, and equality</p>	<p>Aurangzeb</p> <p>Diagrams: Constituents of air, layers of atmosphere, types of rainfall.</p> <p>Activity: Collect and make a record of temperature and other climatic conditions for one week.</p> <p>Diagrams: Spring and Neap tide, Water cycle Map: Ocean Currents, Rivers, Oceans, Seas</p> <p>PROJECT SKIT- present the position of girls in Indian society. Also show How women are empowered in modern India.</p>
SEPTEMBER	Revision for half yearly examination		
OCTOBER	<p>History: L-6 Towns traders and craft persons</p> <p>Geography: L-6 Natural vegetation and wildlife</p> <p>Civics: L-6 Understanding Media</p>	<p>-Administrative centres and Temple Towns -Network of small Towns, Traders Big and Small -Hampi, Masulipatnam and Surat - New Towns and traders</p> <p>-Types of forests, grasslands</p> <p>-Features and location - Media and technology, media and money. -Media and democracy, setting agendas</p>	<p>MAP Mark and label administration centres and temple towns on India political map</p> <p>Map: Mark Tropical grasslands on the world map</p> <p>Project: Make a project file on Media and its importance in Our democracy. Use lot of pictures for your project.</p>
NOVEMBER	Geography: L-7 Human environment -	- Temporary and Permanent settlement,	Diagram: Types of settlement.

	<p>Settlement, Transport and Communication</p> <p>Civics: L- 7 Understanding Advertising</p> <p>(Project based)</p>	<p>Transport and Communication.</p> <p>- Brands and brand values, social values,making of an advertisement, advertising and democracy.</p>	<p>Activity: Create your own brand and prepare a commercial /social advertisement on it. Present in Class .</p>
DECEMBER	<p>History: L-10 Eighteenth century political formations</p> <p>Geography: L- 8 Human Environment Interactions - Tropical and Sub-Tropical Region</p> <p>Civics: L-8 Markets around us</p>	<p>- Later Mughals, New states, Old Mughal Provinces Jagirs of the Rajput's, Seizing Independence : British territories in mid-18th century</p> <p>- Amazon Basin, Ganga Brahmaputra Basin - Climate, Vegetation and life of the people.</p> <p>-Weekly markets, shops shopping complexes, chain of markets, market& equality.</p>	<p>Map: State formations in 18th century. : British territories in mid-18th century</p> <p>Map: Amazon Basin, Ganga Brahmaputra Basin</p> <p>ACTIVITY- Prepare a survey report on types of market around us. Also paste pictures. Present as ppt.</p>
JANUARY	<p>Civics :L-9A shirt in the Making (PROJECT BASED)</p> <p>L- 10 Struggle for equality.</p> <p>Geography: L -9 Life in the Temperate Grasslands (Reading skills)</p>	<p>Activity: steps of production of a cotton shirt and through this explain the chain of market</p> <p>- Tawa Matsya Sangh, Indian constitution as a living Document.</p> <p>- Prairies, Velds- Climate, flora, fauna and people</p>	<p>PROJECT- make a project on the process of making a shirt. Also cut a outline of a shirt. Make a ppt and present in class.</p> <p>Map: Temperate grasslands of the world.</p>
FEBRUARY	Revision		

Computer

MONTH	CHAPTER NO. AND NAME	NAME OF THE TOPICS	ACTIVITY/PRACTICAL
APRIL	Lesson-1 Number System Lesson-2 Charts in Excel 2016	<ul style="list-style-type: none"> · Number System · Decimal to Binary Conversion · Binary to Decimal Conversion · Operations on Binary Numbers · Components of a chart · Types of Chart in Excel 	Convert the numbers from Binary to decimal and vice versa. Prepare the mark sheet of Term end examination in Excel.
MAY	Lesson-3 Advanced features of Excel	<ul style="list-style-type: none"> · Sorting Data · Filtering Data · Conditional Formatting 	Make a list of 15 teachers and subjects taught by them. Apply filters on the Subject's field.
JULY	Lesson-6 App Development	<ul style="list-style-type: none"> · What is an App? + Categories of Apps · Defining the Android and iOS + Downloading and Installing the App · Types of Mobile Apps + Developing an App 	develop an App for reciting tables
AUGUST	Lesson-7 More on HTML	<ul style="list-style-type: none"> · HTML + HTML Tags and Attributes · Text Properties + Background Properties · Font Properties + Margin Properties 	create a web page using all the HTML Tags
SEPTEMBER	Revision		
OCTOBER	Lesson-8 Lists and Tables in HTML	<ul style="list-style-type: none"> · Creating Lists + Creating Tables 	Table of car names and their models.
NOVEMBER	Lesson-4 Introduction	<ul style="list-style-type: none"> · Python and its features 	Write program · To convert Celsius

	to Python	<ul style="list-style-type: none"> · Installing Python · Programming in Python · Variables and Data Types in Python · Comments in Python · Operators and its Precedence · Sample Programs · Decision Making Statements 	to Fahrenheit <ul style="list-style-type: none"> · Calculate area of the Square · To add two Numbers <p>Write programs using Decision Making Statements.</p>
DECEMBER	Lesson-9 Conditional Statements in Python		
	Lesson-10 AI for SDGs	<ul style="list-style-type: none"> ·  Sustainable Development Goals 	Research more about SDGs and ask them to create a poster on SDGs
JANUARY	REVISION	REVISION	