

ENGLISH

UNIT NO. & LESSON

KEY CONCEPT /VALUE POINT

LEARNING OBJECTIVE

APRIL

(Main Course Book)

Laugh Out Loud

Health and Medicine

(Workbook)

Tenses

Reported Speech

(Literature Reader)

Two Gentlemen Of Verona

The Frog and the

Nightingale

Data Interpretation
Speech / Debate writing
Poetry recitation
Character Sketch

Present his/her original ideas in a coherent manner.
Narrate the incidents with proper usage of reported speech
Paraphrase any given line from the poem
Recite the poem with proper voice modulation and intonation

Reference Book/ Web link : <http://www.poets.org/poetsorg/poet/t-s-eliot>

MAY

(Main Course Book)

Health and Medicine

(Workbook)

Active and Passive voice

(Literature Reader)

Mrs.Packletide's Tiger

Bio-sketch writing
Listening Activity
Article writing

Use passive voice appropriately during required circumstances
Answer the questions through attentive involvement in listening activities

Reference Book/ Web link : <http://www.poets.org/poetsorg/poet/t-s-eliot>

JULY

(Main Course Book)

Education

(Workbook)

Determiners

Non-Finites

(Literature Reader)

The Letter

Not Marble, nor the Gilded

Monuments

Article writing
Story writing
Diary Entry
Letter Writing- formal /informal

Write informal letters with proper understanding of the requirements
Venture into the genre of creative writing with prompts
Empathise with the misery of the character
Use better poetic expressions while writing

Reference Book/ Web link : <http://en.wikipedia.org/wiki/Dhumaketu>

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
AUGUST		
<p>(Main Course Book) Science</p> <p>(Workbook) Relatives Comparison</p> <p>(Literature Reader) Mirror The Dear Departed</p>	<p>Dialogue Writing Role Play Comparative Report Listening Activity</p>	<p>Speak with proper diction, pronunciation and expression Identify the peculiar characteristics of the characters of the play Analyze statistical data in the form of a report Identify the hypocritical traits in the given characters Relate with the ephemeral nature of external beauty</p>
Reference Book/ Web link :http://www.examrace.com/Sample-Objective-Questions/Aptitude-Questions/Aptitude-Data-		
SEPTEMBER		
<p>(Main Course Book) Environment</p>	<p>Notice writing Bio- Sketch E- mail writing</p>	<p>Write a proper email whenever required Draw bio-sketches on the basis of the given clues</p>
Reference Book/ Web link :http://www.youtube.com/watch?v=EIJmOkVFGdI		
OCTOBER		
<p>(Main Course Book) Environment</p> <p>(Workbook) Conditionals Avoiding Repetition</p> <p>(Literature Reader) A Shady Plot Patol babu</p>	<p>E-mail Description (People, places, events) Dialogue Writing</p>	<p>Apply the vocabulary taught in the class in his/ her writing Write a descriptive passage expanding some bits of information Write e- mails letters for various occasions</p>
Reference Book/ Web link : http://www.bifroest.demon.co.uk/misc/homophones-list.html		
NOVEMBER		
<p>(Main Course Book) Travel and Tourism</p> <p>(Workbook) Nominalization</p> <p>(Literature Reader) Julius Caesar Ozymandias</p>	<p>Data Interpretation Dialogue Writing Critical Appreciation</p>	<p>Each child will be able to Interpret the given statistical data in the form of a report Appreciate the poem with proper understanding of its poetic devices. Appreciate Shakespeare's literary style</p>
Reference Book/ Web link : http://www.youtube.com/watch?v=5EYNIOFjHU4		

http://www.youtube.com/watch?v=bpgKEe8_g6o

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
DECEMBER		
<p>(Main Course Book) Facing Challenges National Integration</p> <p>(Workbook) Modals</p> <p>(Literature Reader) Virtually True</p> <p>The Rime of the Ancient Mariner Snake</p>	<p>Article writing Speech / Debate Critical Appreciation</p>	<p>Each child will be able to: Introduce S T Coleridge and appreciate his style of writing Apply their creative faculties in writing articles Do a comparative analysis of two poems Comparatively analyse the two given poems</p>

Reference Book/ Web link : <http://www.poets.org/poet.php/prmPID/292>

<http://www.youtube.com/watch?v=nVNxUcJJoSE>

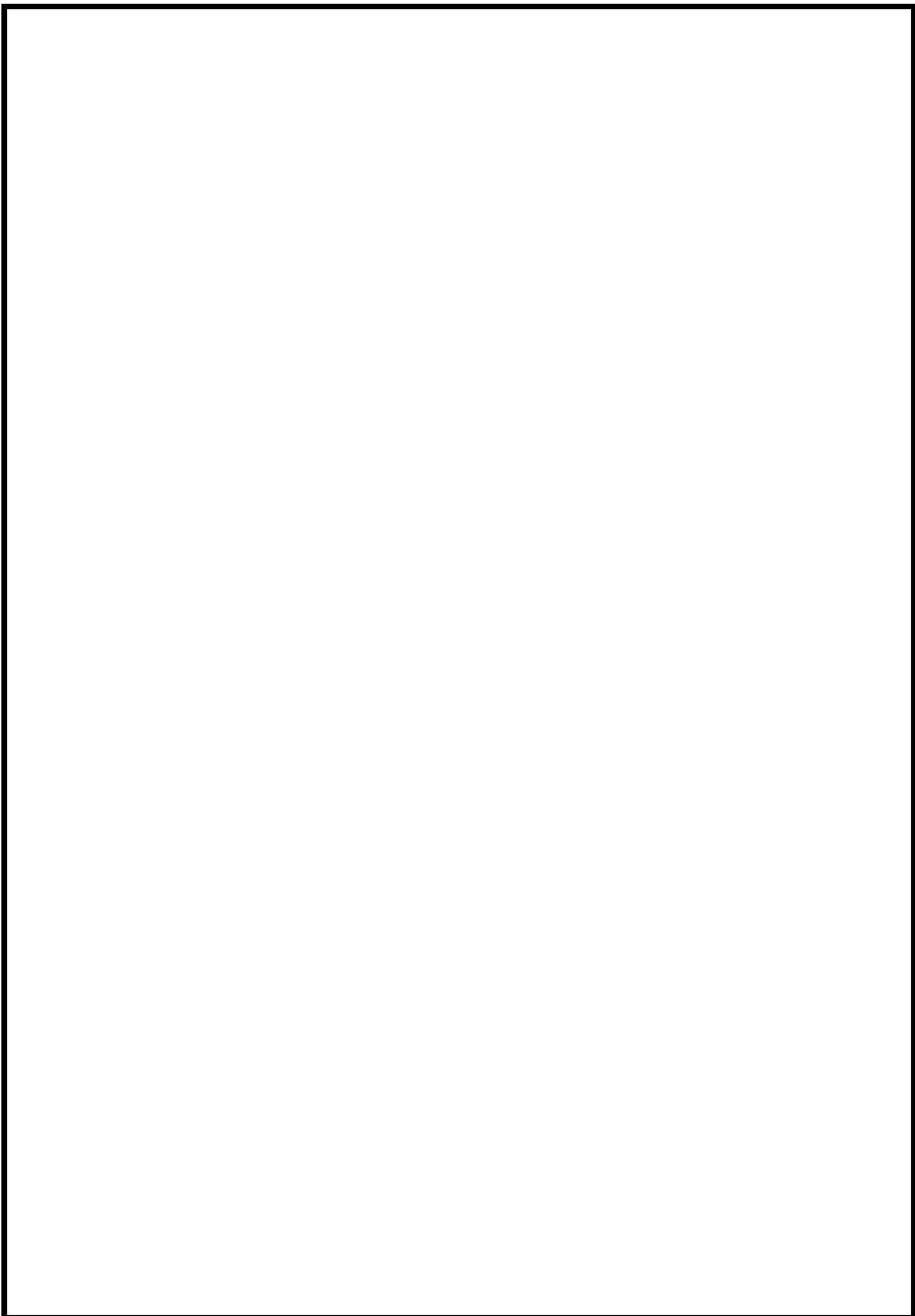
JANUARY

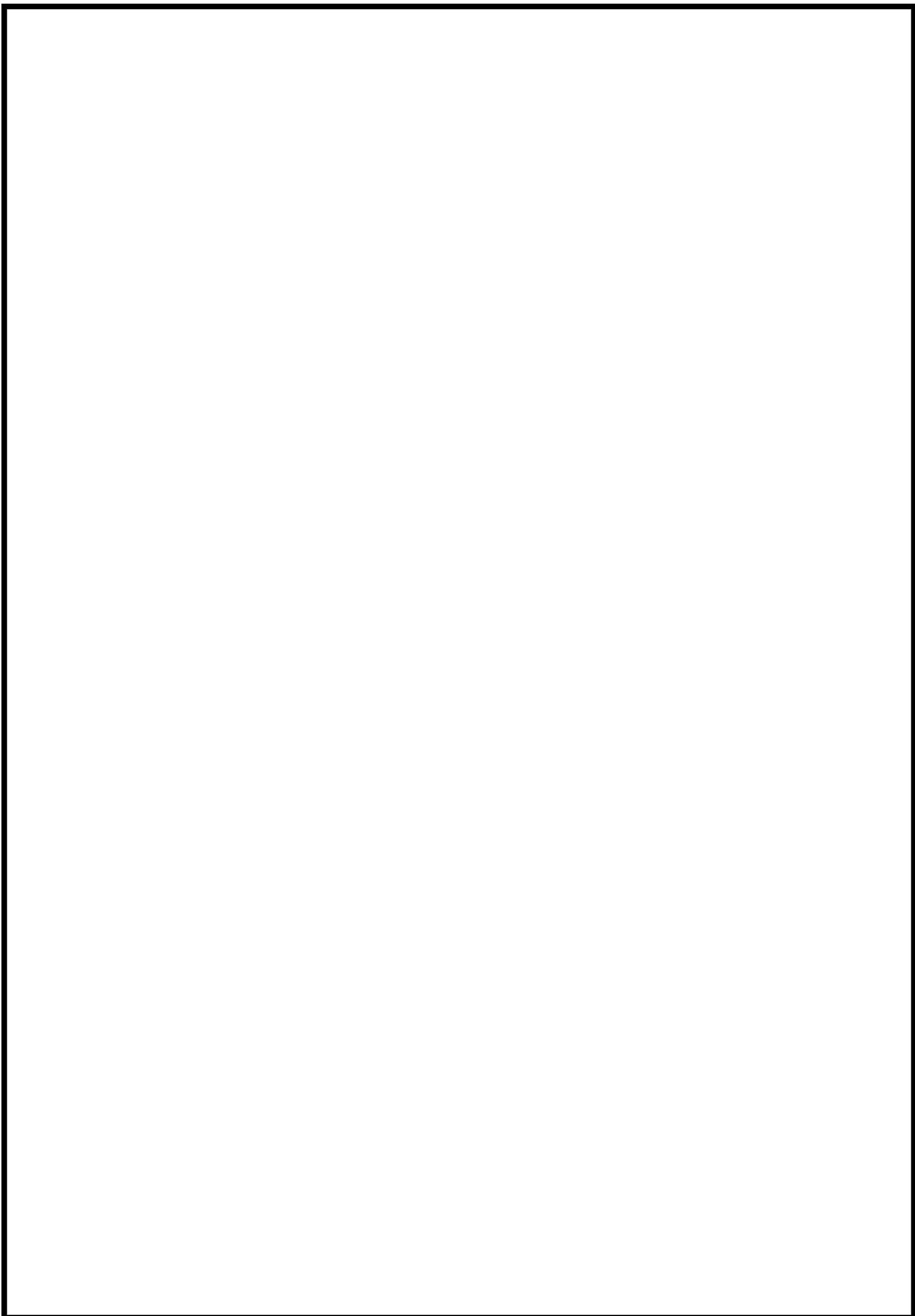
<p>Revision</p> <ul style="list-style-type: none"> • Data Interpretation • Bio-sketch • Speech / Debate • Article writing • Report writing • Formal and Informal letter • Email • Notice • Note making • Diary Entry 	<p>Letter writing Email writing Notice writing Note making Diary entry Integrated Grammar Exercises</p>	
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Reference Book/ Web link : <http://www.youtube.com/watch?v=l8q30E7-eNc>

FEBRUARY

<p>Revision</p> <ul style="list-style-type: none"> • Prose • Poetry • Play • Integrated Grammar • Unseen Passages • Unseen Poetry 	<p>Assessment Summary writing Revision of text based questions and answers</p>	
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HINDI

पाठ्यक्रम एवं पाठ्य सूची	व्याकरण	गतिविधियाँ	शिक्षण उद्देश्य
अप्रैल			
पाठ—नेता जी का चश्मा पाठ—बाल गोविन्द भगत पाठ—सूरदास	क्रिया शब्द निर्माण उपसर्ग पत्र, निबंध अपठित गद्यांश चित्र वर्णन विलोम अनुच्छेद पर्यायवाची	नेताजी पर सूचना संकलन लोक गीत संकलन पदों का संकलन	मानव जीवन की विभिन्न अवस्थाओं का परिचय ग्रामीण संस्कृति के प्रति चेतना लाभ कौशल विकसित करना लेखन कौशल का विकास
मई			
पाठ—देव पाठ—माता का आँचल	अकरमक सकरमक क्रिया प्रत्यय समास पत्र, निबंध अपठित पद्यांश	वर्ग पहेली आंचलिक शब्द चयन	प्राकृतिक जगत के प्रति संवेदना उत्पन्न करना जिज्ञासा की प्रवृत्ति उत्पन्न करना लेखन कौशल का विकास
जुलाई			
पाठ—लखनवी अंदाज पाठ—जयशंकर प्रसाद	विशेषण क्रिया विशेषण संज्ञा सर्वनाम मुहावरे चित्र वर्णन, पत्र, निबंध अपठित गद्यांश पर्यायवाची सारांश लेखन	उर्दू शब्दों का संग्रह किसी सपने का वर्णन	भाषा के मूलस्वरूप को समझाना तार्किकता का विकास लेखन कौशल का विकास
अगस्त			
पाठ—सूर्यकांत त्रिपाठी निराला पाठ—जॉर्ज पंचम की नाक	कारक, लिंग वचनका विशेषण पर प्रभाव अपठित पद्यांश विज्ञापन अनुच्छेद	तुकान्तक शब्दों का संकलन नाक पर मुहावरे	प्रकृति के प्रति रुझान कराना वाक्य प्रयोग में दक्षता लाना लेखन कौशल का विकास

पाठ्यक्रम एवंपाठ्य सूची	व्याकरण	गतिविधियाँ	शिक्षणउद्देश्य
सितम्बर			
पाठ—मानवीय करुणा की दिव्य चमक पाठ—तुलसीदास	पद परिचय परसर्ग ने का क्रिया पर प्रभाव अपठित गद्यांश पर्यायवाची	मुहावरेदार कहानी चौपाईकंठस्थ करसुनाना	संस्मरण विद्या से परिचित कराना वाचन कौशल काविका सकरना श्रवण की दक्षता का विकास करना
अक्टूबर			
पाठ—नार्गाजुन पाठ—एक कहानी यह भी पाठ—साना—साना हाथ जोड़ी	पत्र,निबंध अपठित पद्यांश चित्र वर्णन विज्ञापन	मानचित्र मेनदियाँ दर्शाना अनुभव सुनाना कैलेन्डर तैयार करना	श्रवण की दक्षताका विकास करना मौलिक अभिव्यक्ति का विकास करना हिन्दी की तिथियों एवं महीनों का ज्ञान कराना
नवम्बर			
पाठ—गिरिज कुमार माथुर पाठ—स्त्री शिक्षा के पाठ—विरोधी कुतर्कों का खंडन	भेद रचना के अनुसार रचनांतरण विलोम शब्द और श्रुति समभिन्नाथ शब्द अपठित गद्यांश अनुच्छेद	कविता लिखना पोराणिक कथाओं का संकलन	पल्लवन क्षमता का विकास विचार संकलन मनोप्रवृत्ति को बढ़ावा देना निरीक्षण परीक्षण की प्रवृत्ति का विकास करना
दिसम्बर			
पाठ—नौबत खाने मे इबादत पाठ—ऋतुराज पाठ—एही ठैया झुलनी हेरानी हो रामा	पत्र,निबंध अपठित पद्यांश ,चित्र वर्णन, विज्ञापन,विराम चिन्ह	साक्षात्कार निमंत्रण पत्र तैयार करना रिपोर्ट लेखन रमणीय स्थलो का सूचना संकलन	वचन लेखन श्रवण एवं पठन की क्षमताओ को परिष्कृत करना सृजनात्मकता का विकास करना
जनवरी			
पाठ—संस्कृति पाठ—मंगलेश डबराल पाठ—मै क्यो लिखता हूँ	वाच्य परिवर्तन अलंकार पत्र लेखन पर्यायवाची शब्द अपठित गद्यांश, अनुच्छेद	वाघ यंत्रो का सचित्र वर्णन पत्र लेखन	सृजनात्मकता का विकास करना मौलिकता उत्तपन्न करना कार्य संकलन प्रक्रिया का विकासकरना
फरवरी	पुनरावृत्ति		

Reference Book/ Web link:-

www.hindikunj.com www.slideshare.net/dahiyamohit/hindi-project-alankar

sanyakiparibhasha.blogspot.com/.../definition-of-san...

www.arshakulam.org/pdf/sanskrit/sandhihandbook.pdf

MATHS

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
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APRIL

Real Numbers	Euclid's division lemma, Fundamental theorem of arithmetic-statement, Proofs of results-irrationality of $\sqrt{2}, \sqrt{3}, \sqrt{5}$, Decimal expansion of terminating/non-terminating recurring decimals. -	To enable students to acquire the knowledge of rational and irrational numbers.
Polynomials	Zeroes of the polynomial, relation between zeroes and coefficients of a quadratic polynomial and simple problems on division algorithm	-To acquire the knowledge of zeroes of a polynomial.

Reference Book/ Web link : <http://www.students.Website.forever.com>

MAY

Linear Equation in two variables	Linear equation in two variables and their graphical solution, Geometric representation of different possibilities of solution /inconsistency. Algebraic conditions for number of solutions. Solution of a pair of linear equations in two variables algebraically- by the method of substitution, elimination, and by cross multiplication	To draw the graph and interpret it. To establish relationship among data.
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Reference Book/web link: Website.forever.com

JULY

Similar Triangles	Definitions, examples, counter examples of similar triangles. 1. (Prove) If a line divides two sides of a triangle in the same ratio, the line is parallel to the third sides. 2. (Motivate) If a line divides two sides of a triangle in the same ratio, the line is parallel to the third sides.	To acquire knowledge and understanding of various theorems on triangles To identify the Interrelationship between different parts of the problems.
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Reference Book/ Web link : <http://www.students.Website.forever.com>

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
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AUGUST

Introduction to	Trigonometric ratio of an acute	To acquire the knowledge of
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Trigonometry	<p>angle of a right angled triangle. Proof of their existence, Motivate the ratio, whichever are defined at 0° and 90° values, with proofs, of the trigonometric ratios of 30°, 45° and 60°. Relationships between the ratios.</p> <p>Trigonometric Identities-Proof and applications of the Identity $\sin^2 A + \cos^2 A = 1$. Trigonometric ratios of complementary angles.</p>	<p>trigonometric ratios. To acquire knowledge of complementary angles.</p> <p>To solve trigonometric identities.</p>
Statistics	<p>Mean, median and mode of grouped data , cumulative frequency graph.</p>	<p>To acquire the understanding of elementary idea of mean, median and mode. To acquire knowledge of cumulative frequency graph</p>

Reference Book/ Web link :<http://www.students.Website.forever.com>

SEPTEMBER

REVISION

OCTOBER

Quadratic Equations	<p>Standard form of a quadratic equation is $ax + bx + c = 0$, ($a \neq 0$) .solution of the quadratic equations, only real roots by factorisation and by completing the square & by using quadratic formula. Relationship between discriminant and nature of roots. Problems related to day to day activities to be incorporated.</p>	<p>To enable students to acquire knowledge of quadratic equations. To solve the quadratic equation by factorisation & by Quadratic formula. To determine the nature of the roots using discriminant. To translate different verbal statements into quadratic equations and solving them.</p> <p>T</p>
Arithmetic Progressions	<p>Motivation for studying A.P. Derivation of standard results Of finding the nth term & sum of first n terms and their application in solving daily life problems</p>	<p>o determine the general term and sum of n terms of an A.P.</p>

Reference Book/ Web link :<http://www.students.Website.forever.com>

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
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JANUARY

Coordinate Geometry (in two dimensions)	Review the concepts of coordinate geometry done earlier including graphs of linear equations. Awareness of geometrical representation of quadratic polynomials. Distance between two points and section formula. Area of triangles.	To acquire the understanding of elementary idea of lines, Area of a triangle. Coordinate geometry. Section formula.
Constructions.	<ul style="list-style-type: none">-Division of a line segment in a given ratio-Tangent to a circle from a point outside it.-Construction of a triangle similar to a given triangle.	To handle geometrical instruments with ease and proficiency. To construct geometrical figures accurately.

Reference Book/ Web link :<http://www.students.Website.forever.com>

FEBRUARY

Probability	Definition of probability. Connection with probability as given in class IX. Simple problems on simple events, not using set notation.	To acquire the knowledge of probability, elementary idea of probability as a measure of uncertainty. To know the favourable outcomes
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Reference Book/ Web link :<http://www.students.Website.forever.com>

SCIENCE

CHAPTER & KEY CONCEPT

ACTIVITY

LEARNING OBJECTIVE

APRIL

Ch-1 Chemical Reactions And Equations
(CHEMISTRY)

Write balanced equation
List the types of chemical reactions and explain them giving examples
Write the factor of corrosion.

To perform and observe the given reactions and classify them.

To observe the effect of Zn, Fe, Cu and Al metals on the given salt solution

Ch-6
Life Processes
(BIOLOGY)

Write the importance of different life processes.
Define nutrition and its types.
Explain the whole process of nutrition, respiration, transportation and excretion in human beings
Explain the process of making food, transportation of food and water, respiration, excretion of wastes in plants

Arrange the above metals in decreasing order of reactivity based on the above results
To prepare the temporary mount of a leaf peel to show stomata

To show experimentally that light is necessary for photosynthesis
To show experimentally that carbon dioxide is released during respiration

Reference Book/ Web link : <http://www.ric.edu/faculty/ptiskus/reactions>,
<http://www.excellup.com/classten/scienceten/lifeprocesses.aspx>

MAY

Ch-12
Electricity
(PHYSICS)

Diagrammatically explain the flow of electricity through an electric circuit
Define electric potential and potential difference and solve the related numerical
Draw an electric circuit using different symbols
State Ohm's Law.
Write the factors on which the resistance of a conductor depends
Explain the resistance of a system when resistors are arranged in series and in parallels.
And solve the related numerical.
Define and calculate electric power

To study the potential difference(V) across the resistor on the current(I) passing through it and determine its resistance

To determine the equivalent resistance of two resistors when connected in series and in parallel

To determine the equivalent resistance of two resistors when connected in parallel.

Reference Book/ Web link : <http://phet.colorado.edu/en/simulation/ohms-law>,
www.ohmslawcalculator.com

CHAPTER & KEY CONCEPT	ACTIVITY	LEARNING OBJECTIVE
JULY		
<p>Ch- 13 Magnetic effects of current (PHYSICS)</p> <p>Ch-2 Acids, Bases and Salts (CHEMISTRY)</p> <p>Ch-7 Control and co-ordination in animals and plants (BIOLOGY)</p>	<p>Define magnetic field and field due to current Identify the direction of current and magnetic field using right hand thumb rule State and apply Fleming’s Left had rule</p> <p>Define the term pH in terms of H⁺ ions Explain the physical and chemical properties of acids and bases. Draw a labelled diagram of neuron Observation of magnetic field lines</p>	<p>Write the examples of natural indicators and their colour change in different medium.</p> <p>To find the pH of the given samples using pH Paper/universal indicator. To study the properties of acids and</p> <p>And brain Explain reflex action Explain how nerve impulse travels Describe how plants respond to stimulus To study reflex action in humans To study phototropism in plants</p>
<p>Reference Book/ Web link : https://chemistry.osu.edu/~woodward/ch121/ch4_acids.htm, http://www.bbc.co.uk/schools/gcsebitesize/science/add_aqa/acids/acidsbasesrev1.shtml http://www.excellup.com/classten/scienceten/controlcoordination.aspx</p>		
AUGUST		
<p>Ch-3Metals and non-metals (CHEMISTRY)</p> <p>Ch-14 Sources of energy (Biology)</p>	<p>Explain the reaction between metals and non-metals to form ionic compounds. Define metallurgy and explain the extraction of metals from their ores study the chemical properties of metals Discussion on environmental consequences of Traditional sources of energy, fossil fuels, hydro-energy, wind, solar and nuclear energy</p>	<p>Differentiate between physical and chemical properties of metals and non-metals List the characteristics of good source of energy Define fossil fuels and explain the pollution Utilize some of the renewable sources of energy in beneficial way</p> <p>Explain the improvements in the technology for using conventional sources of energy</p>
<p>Reference Book/ Web link : http://net.mkcl.org/WebFiles/Metals%20and%20Non-%20metals.pdf,</p>		
<p>CHAPTER & KEY CONCEPT</p>	<p>ACTIVITY</p>	<p>LEARNING OBJECTIVE</p>
SEPTEMBER		

REVISION OCTOBER

<p>Ch- 4 Carbon And Its Compounds (CHEMISTRY)</p>	<p>study the properties of acetic acid (ethanoic acid) study the saponification reaction for preparation of soap study the comparative cleaning capacity of a sample of soap in soft and hard water</p>	<p>Explain the covalent bond with examples Give the reason for occurrence of abundant compounds of carbon. Define catenation Differentiate between saturated and unsaturated compounds. Name the compounds of carbon with different functional groups. Define homologous series.</p>
<p>Ch- 8 How do Organisms Reproduce? (BIOLOGY)</p>	<p>Explain the sexual reproduction in flowering plants study binary fission in Amoeba and budding in yeast with the help of prepared slides</p>	<p>Explain different modes of asexual reproduction and vegetative reproduction Describe the importance of variation Distinguish between sexual and asexual reproduction</p>

Reference Book/ Web link :

http://users.rcn.com/jkimball.ma.ultranet/BiologyPages/S/Sexual_Reproduction.html,

NOVEMBER

<p>Ch-10 Light-Reflection And Refraction (PHYSICS)</p>	<p>Determine the focal length of concave mirror and convex lens by obtaining the image of a distant object Trace the path of a ray of light passing through a rectangular glass slab for different angles of incidence Trace the path of the rays of light through a glass prism Find the image distance for varying object distances in case of a convex lens and draw the ray diagrams to show the nature of image formed</p>	<p>Explain reflection Distinguish between concave and convex mirrors and explain the uses and characteristics of images formed by two types of mirrors with the help of ray diagrams Solve numerical based on mirror and lens formula and magnification Explain refraction and its laws Explain refraction through a rectangular glass slab and glass prism</p>
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Reference Book/ Web link : interactagram.com/physics/optics/refraction

CHAPTER & KEY CONCEPT	ACTIVITY	LEARNING OBJECTIVE
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NOVEMBER

<p>Ch-5</p>	<p>Multi coloured chart of the</p>	<p>Write the importance of</p>
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Periodic Classification of Elements (CHEMISTRY)	modern version of the periodic table of elements showing clearly the mass numbers and atomic numbers of the elements	classification Explain the modern periodic table Write the gradation in properties along the groups and periods. (atomic size, valency, metallic and non-metallic properties.)
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Reference Book/ Web link : interactagram.com/physics/optics/refraction

DECEMBER

Ch-9 Heredity and Evolution (BIOLOGY)	study homology and analogy with the help of models/charts of animals and plants identify the different parts of an embryo of a dicot seed.	Define heredity and rule of inheritance of traits. State and explain the laws of dominance and independent assortment Explain that the genes control the traits.
Ch-11 Human Eye And Colourful World (PHYSICS)	find the blind spot of your eye show that spectral colours can be recombined to form white light show binocular vision is essential for judging distances	Draw labelled diagram of an eye and explain the function of different parts. Explain power of accommodation Explain dispersion of white light and natural phenomena based on scattering of light

Reference Book/ Web link : www.landlearnsw.org.au/production-chains/nrm

JANUARY

Ch- 16 Management of Natural Resources	Study the rainfall pattern in different parts of India. Discussion on ecological stability and environmental organisations. Discussion on importance of study of food chains	Explain the three R's to save the environment Explain the meaning of sustainable management with the help of examples. Give a brief account of Chipko movement
Ch-15 Our Environment (BIOLOGY)		Write the meaning of ecosystem and its components Explain the interaction of biotic and abiotic components Define trophic levels.

**Reference Book/ Web link : www.landlearnsw.org.au/production-chains/nrm
www.sciencebob.com/questions/q-food_chain_web.php**

FEBURARY-REVISION

SOCIAL SCIENCE

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
APRIL		
Ch-1 Resources and Natural Resources (GEOGRAPHY)	Types - natural and human Need for resource planning land as a resource, soil types and distribution Changing land-use pattern; land degradation and conservation measures	Understand the value of resources and the need for their judicious utilisation and conservation Identify various types of farming and discuss the various farming methods
Ch- 1 The Story of Development (Economics)	The traditional notion of development; National Income and Per- capita Income Growth of NI - existing development indicators	Familiarisation of some macroeconomic concepts How and why people should be healthy and provided with education
Reference Book/web link: www.narf.org/nill/resources/roots.htm		
MAY		
Ch-1 Urbanization and urban lives (HISTORY)	Patterns of urbanization Migration and the growth of towns Social change and urban life Merchants, middle classes, workers and urban	Show the difference between urbanization in two different contexts A focus on Bombay and London Analyse the relationship between social cleavages and political competition with reference to Indian situation
Ch-1 Power Sharing (CIVICS)	Why and how is power shared in democracies? How has federal division of power in India helped national unity	
Reference Book/web link: worldwater.org		
JULY		
Ch-2 Federalism (Civics)	What extent has decentralisation achieved this objective? How does democracy accommodate different social groups?	Analyse federal provisions and institutions Understand the new Panchayati Raj institutions in rural and urban areas.
Ch-4 Water Resource	Sources, distribution, utilisation Multi-purpose projects,	Understand the importance of water.
Ch-5 Agriculture (GEOGRAPHY)	Types of farming, major crops, cropping pattern, technological	Understand the importance of agriculture in national economy

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
JULY		
Ch- Ch-2 Sectors of the Indian Economy (Economics)	Sectors of Economic Activities, Historical change in sectors Rising importance of tertiary sector; Employment Generation	Familiarize the concept of money as an economic concept Create awareness of the role of financial institutions from the point of view of day-to-day life.
Reference Book/web link: www.narf.org/nill/resources/roots.htm		
AUGUST		
Ch-3 democracy and diversity (CIVICS) Ch-5 Agriculture (GEOGRAPHY)	Types of farming, major crops, cropping pattern, technological and institutional reforms; their impact Are divisions inherent to the working of democracy? What has been the effect of caste on politics and of politics on caste?	Understand the importance of agriculture in national economy Understand the enabling and disabling effects of caste and ethnicity in politics. Understand the vital role of struggle in the expansion of democracy.
Reference Book/web link: www.slideshare.net/ctkarita/functions-of-commercial-banks-21765560		
SEPTEMBER		
Ch-4 Gender, religion and caste (CIVICS) Ch-3 Money and Credit (Economics)	How has the gender division shaped politics? How do communal divisions affect democracy? Role of money in an economy Historical origin Formal and Informal financial institutions for Savings and Credit	Analyse party systems in democracies Introduction to major political parties in the country. Familiarize the concept of money as an economic concept Sensitise the learner of how and why governments invest in such an important sector.
Reference Book/web link: www.slideshare.net/ctkarita/functions-of-commercial-banks-21765560		
OCTOBER		
Ch-3 Nationalism in India :Civil Disobedience Movement) (HISTORY) Ch-5 Popular struggles and movements Ch-6 Political Parties (CIVICS)	First world war, Khilafat and Non-Cooperation Salt Satyagraha Movements of peasants, orkers How do struggles shape democracy in favour of ordinary people? Which are the major national and regional parties in India?	ideals of different political groups and individuals, notably Mahatama Gandhi Develop a gender perspective on politics Introduce students to the centrality of power sharing in a democracy.
Reference Book/web link: http://prabhu.50g.com/earliest/punchmrk.html		

UNIT NO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
NOVEMBER		
Ch-1 Nationalism in Europe (HISTORY)	Types of minerals, distribution, use and economic importance of minerals ,conservation	Discuss various types of minerals as well as their uneven nature of distribution and explain the need for their judicious utilisation .
Ch-4 Outcome of Democracy (CIVICS)	Can or should democracy be judged by its outcomes? Has democracy led to development, security and dignity for the people? What sustains democracy in India?	Introduction to the difficult question of evaluating the functioning of democracies Develop the skills of evaluating Indian democracy on some key dimensions : development, security and dignity for the people.
Ch-6,7 Mineral and Power Resources (GEOGRAPHY)	Types of minerals, distribution, use and economic importance of minerals ,conservation . types of power resources	Discuss various types of minerals as well as their uneven nature of distribution and explain the need for their judicious utilisation
Reference Book/web link: www.inentrtrance.com/general knowledge/history http://en.wikipedia.org/wiki/geography_ofindia http://en.wikipedia.org/wiki/Geography_of_India		
DECEMBER		
Ch-5 Challenges to democracy (Civics)	Is the idea of democracy shrinking? What are the major challenges to democracy in India? How can democracy be reformed and deepened?	Reflect on the different kinds of measures possible to deepen democracy Promote an active and participatory citizenship
Ch-8 Manufacturing Industries (Geography)	Types, spatial distribution, contribution of industries to the national economy Industrial pollution and degradation of environment	Discuss the importance of industries in the national economy as well as understand the regional disparities which resulted due to concentration of industries in some areas
Ch- Globalisation (Economics)	Globalisation (through some simple examples) How India is being globalised and why Development Strategy prior to 1991. State Control of Industries Different perspectives on globalisation and its impact on different sector.	Provide children with some idea about how a particular economic phenomenon is influencing their surroundings and day-to-day life.
Reference Book/web link: www.globalpolicy.org/globalization/links-and-resources-on-globalization		

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
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JANUARY

Ch- 9 Transport, communication and trade (GEOGRAPHY)	Types of transport Importance of trade and communication	To explain the importance of transport and communication in the ever shrinking world To understand the role of trade in the economic development of a country
Ch-5 Consumer Awareness (Economics)	How consumer is exploited (one or two simple case studies) factors causing exploitation of consumers . Rise of consumer awareness . how a consumer should be in a market; role of government in consumer protection	Making the child aware of his or her rights and duties as a consumer Familiarizing the legal measures available to protect from being exploited in markets

Reference Book/web link: http://www.indianchild.com/villages_of_india.htm
<http://www.urbanindia.nic.in/>

FEBURARY

REVISION

COMPUTER

UNITNO. & LESSON	PRACTICAL	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
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APRIL

Ch-1 Introducing Internet	Finding data on history of Internet	History of Internet Uses of Internet WWW, Web Browser, Web Page	To know and use Internet to find data
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Reference Book/web link: http://en.wikipedia.org/wiki/operating_System

MAY

Ch-2 Internet Services	Creating G-Mail, Blog, Online Shopping	Create G-Mail, Blog, Online Shopping, E-Learning E-Banking Video Conferencing	Learn to Creating G-Mail, Blog, Online Shopping
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Reference Book/web link: WWW.exceltutorial.com

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
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JULY

Ch-3 Introducing database	Designing Database	Database Function Designing database	Learn to Designing Database
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Reference Book/web link: WWW.microsoft.com

AUGUST

Ch-4 OpenOffice.org Base	Creating Table, Query, Record and Form	Table, Query, Record and Form	To create Table, Query, Record and Form
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Reference Book/web link: WWW.exceltutorial.com

SEPTEMBER

Ch-HTML-I Basic HTML Elements	Designing Web Page	Container and Empty Elements HTML Tags Font Face Font Size BGCcolour	Learn to Design Web Page
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Reference Book/web link: WWW.exceltutorial.com

UNITNO. & LESSON	PRACTICAL	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
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OCTOBER

Ch-6 HTML-II Lists, Images, Link and tables	Inserting Images and Tables	Insert Images Tables Linking-Internal and External	To Insert Images Tables
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Reference Book/web link: WWW.exceltutorial.com

NOVEMBER

Ch-7 XML – Extensible Mark-up Language	Making XML file and SGML file	Making XML file and SGML file	Learn Make XML file and SGML file
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Reference Book/web link: WWW.popera.com, WWW.pandasecurity.com

DECEMBER

Ch-8 IT Application	Making HTML and XML Projects	Uses of computer & Internet	To use IT applications
Ch-9 Societal Impact of IT	Collect information on Virus and Anti-Virus	Benefit & drawback of IT	To define Societal Impact of IT

Reference Book/web link: WWW.schoolfreeware.com

JANUARY-FEBRUARY

PROJECT WORK

ART EDUCATION

CHAPTER & KEY CONCEPT

ACTIVITY

LEARNING OBJECTIVE

APRIL-MAY

Basic of art	Line types Line directions Shapes	Improve their sketching skills Identify the correct forms of figures
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Reference Book/web link: <http://drawsketch.about.com/od/learntodraw/>

JULY-AUGUST

Rhythm & grace, action Still life study Nature study Landscape	Drawing and painting of natural objects Natural landscape painting with water colors	Identify Perspective of people and objects develop better observation and will be able to imitate well
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Reference Book/web link: <http://howtodraw.pencilportraitsbyloupemberton.co.uk/step-by-step-drawing-tutorial/pencil-drawing-techniques/>

SEPTEMBER-OCTOBER

Body proportions Printing Card designing Story board and poster Making Calligraphy Outdoor study	Full figure sketching T-shirt designing and printing with other things Card designing on social occasions Comics designing and poster making on different issues	Observe and draw different parts and forms of human body Elaborately prepare relevant posters and cards highlighting the dominant feature of the occasion
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Reference Book/web link: <http://learn-drawing.blogspot.in/p/human-body.html>

NOVEMBER-DECEMBER

Collage making Rangoli art Mehandi Texture designing Glass painting	3-d collage and paper collage techniques Temporary rangoli and other designs of mehndi on drawing sheets Painting on different textures	Develop creative thinking Observe others and create their own forms and designs Identify the impact of texture on an art form and use it creatively
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Reference Book/web link: www.google.com

JANUARY-FEBRUARY

Artist history (legends that inspire) Revision & worksheet	Exemplary stories related to the history of art Revision of painting	Develop respect for art as a form Enhance fineness and neatness in their work
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Reference Book/web link: <http://www.culturalindia.net/indian-art/paintings/mughal.html>
<http://www.dummies.com/how-to/content/art-history-timeline.html>

PHYSICAL EDUCATION PLANNER

Week	Week-1	Week-2	Week-3	Week-4
APRIL	Level – 2 Mini Basketball Practice Introduction Session – I Ball Handling/Body Management Intro Activity Ball Control Skill Practice 1. RUNNING, CHANGING DIRECTION	Session – II 2. JUMP STOP/STRIDE STOP/PIVOT Skill Development Dribbling Skill Related Fun Based Dribbling - 1. Discovery Dribbling 2. Flash Fingers	Session – II Skill Development Dribbling Skill Related Fun Based Dribbling 1. Discovery Dribbling 2. Flash Fingers 3. Bongo Dribbling 4. Signal Dribbling	Session – III Skill Development Passing/Receiving 1. RECVING/DOUBLE – HANDED CHEST PASS 2. DOUBLE HANDED BOUNCE PASS
MAY	Session – IV Skill Development Game – 3 V 3 Match Practice	PHYSICAL TEST Skill Assessment KWS INTER HOUSE TUG OF WAR CHALLENGE (Jr. +Sr.Girls &Boys)	SUMMER BREAK START SUMMER CAMP Week –1st	SUMMER CAMP Week– 2nd
JUNE	SUMMER CAMP Week– 3rd	SUMMER CAMP Week– 4th	SUMMER BREAK	SUMMER BREAK OVER
JULY	Repeat Activity Session – I Session – II Modified Basketball Match Practice (Chair Ball) & Team Selections Game – 3 V 3	Session – VII Defensive Positioning 1 DEFENSIVE POS. 2 MODIFIED BASKET BALLS MATCH(Chair Ball)	Inter Class Mini Basketball Carnival Round 1. Round 2. KWS INTER HOUSE Swimming CHALLENGE (Jr. +Sr. Girls & Boys) Qualifying Round's	Inter Class Mini Basketball Carnival Round 3. Round 4.
AUGUST	Inter Class Mini Basketball Carnival Round 5. Round 6.	Cricket - Level 2 Session– I Throwing & Fielding Skill Development Catching - Under Arm, Over arm Throw& Defensive Fielding Game Classic Catches	Cricket -Level 2 Session – II/III Throwing, & Fielding Skill Development Throwing , Catching & Batting Practice KWS INTER HOUSE BADMINTON CHALLENGE (Sr. Girls & Boys) Qualifying Round's	29 th Aug National Sports Day National Sports Week Celebration Sports Exhibition Inter Class Sports Quiz week KWS INTER HOUSE BADMINTON CHALLENGE (Sr. Girls & Boys) Final Round's

SEPT.	<u>PHYSICAL FITNESS TEST</u>	CricketLevel 2 Session – II/III Throwing, Fielding Batting & Bowling Skill Development Forward Drive Practice	Cricket Level 2 Session IV Batting / Bowling Skill Development Batting Stance (Forward drive) KWS INTER HOUSE t.t(Sr. Boys)CHALLENGE &throw ball (Jr. Girls &Boys / (Sr. Girls & Boys) Qualifying Round's	Cricket Level 2 Session IV Batting / Bowling Skill Development Batting Stance (Forward drive) (Boys)CHALLENGE & throw ball (Jr. Girls &Boys / (Sr. Girls & Boys) Final Round's
Week	Week-1	Week-2	Week-3	Week-4
OCT.	SPORTS TALENT HUNT (Sports Kids of the Year Award) INTER CLASS CRICKET CRNIVAL Round 1. Round 2. KWS INTER HOUSE knock out Cricket CHALLENGE (Sr. Girls & Boys)	INTER CLASS CRICKET CRNIVAL Round 3. Round 4. KWS INTER HOUSE Knock out cricket CHALLENGE (Sr. Girls & Boys) <u>Qualifying Round's</u>	INTER CLASS CRICKET CRNIVAL Round 5. Round 6.	INTER CLASS CRICKET CRNIVAL Round 7. Round 8. KWS INTER HOUSE Knock out cricket CHALLENGE (Sr. Girls & Boys) <u>Semi Final & Final Round's</u>
NOV.	Sports Day Practice 1 st week	Sports Day Practice 2 nd week Cricket Mania 14 Nov Children's Day Students Vs Teacher's Cricket Match	Sports Day Practice 3 rd week	Sports Day Practice 4 th week Annual Sports Day 29 th Nov
DEC.	ROO BALL LEVEL 1 Session I Passing & Controlling Skill Development Push Pass/Controlling the Ball Game "Defend a Target"	ROO BALL LEVEL 1 Session II Dribbling Skill Development Push Pass Revision Dribbling Game Leader ball or 3 Vs 3 match practice	ROO BALL LEVEL 1 Session III Controlling (Inside of Foot) Skill Development Dribbling Revision Game - Shuttle Dribble Controlling (Inside of foot) Game - Corner Spry Game 3 Vs 3 KWS INTER HOUSE SoccerCHALLENGE (Sr. Girls & Boys) <u>Qualifying Round's</u>	ROO BALL LEVEL 1 Session IV Controlling (Thigh/Chest) Skill Development Dribbling & Controlling Revision Controlling (Thigh/Chest) Game 3 Vs 3 or Rounder's KWS INTER HOUSE soccer CHALLENGE (Sr. Girls & Boys) Semi Final & Final Round's
JAN.	WINTER BREAK	WINTER BREAK OVER	INTER CLASS ROOBALL CARNIVAL Round 1. Round 2. KWS INTER HOUSE Biography of favorite sports	INTER CLASS ROOBALL CARNIVAL Round 3. Round 4.
FEB.	FINAL ASSESMENT KWS INTER HOUSE Collage making	Fun &Team Building Games	Fun &Team Building Games *Assessment Report Submit*	Fun &Team Building Games
MARCH	Fun &Team Building Games	Fun &Team Building Games		Session End

1. **P.E TEST**
2. **HOLIDAY'S**

2. TRAINING CAMP

3. INTER HOUSE MATCHES

4. INTER CLASS MATCHES

5. PRACTICE SCHEDULE

6. SPECIAL SPORTS EVENTS / INTER SCHOOL TOURNAMENTS