

ENGLISH

UNIT NO. & LESSON	ACTIVITIES	LEARNING OBJECTIVE
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APRIL

<p>(Main Course Book) People</p> <p>(Workbook) Worksheet-1 Verb Forms</p> <p>(Literature Reader) How I Taught My Grandmother to Read The Brook</p>	<p>Speech Writing</p> <p>Diary Entry E-Mail Writing Critical Appreciation Class Discussion</p>	<p>Present his/her original ideas in a coherent manner.</p> <p>Identify the rhetoric devices in the poem and critically appreciate the poem</p> <p>Make correct usage of verb forms in present and past tenses</p>
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Reference Book/ Web link : http://www.youtube.com/watch?v=XzT_7hMsWhY
<http://www.victorianweb.org/authors/tennyson/>
<http://articles.timesofindia.indiatimes.com/keyword/sudha-murthy>

MAY

<p>(Main Course Book) Adventure</p> <p>(Workbook) Worksheet-2</p> <p>(Literature Reader) The Road Not Taken</p>	<p>Bio-Sketch Writing Data Interpretation Notice Writing</p> <p>Listening Activity</p>	<p>Answer the questions through attentive involvement in listening activities</p> <p>Paraphrase the poem with proper understanding</p>
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Reference Book/ Web link : <http://www.poemhunter.com/robert-frost/>
<http://www.youtube.com/watch?v=X7ffCWSTNYM>

JULY

<p>Main Course Book) Adventure</p> <p>(Workbook) Worksheet-3 Future Time Reference</p> <p>(Literature Reader) The Solitary Reaper A Dog Named Duke</p>	<p>Dialogue writing Message Writing Story Writing Letter Writing Critical Appreciation</p>	<p>Venture into the genre of creative writing with prompts Identify errors in texts written in future tense Critically appreciate the poem Identify and use poetic devices</p>
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Reference Book/ Web link : <http://www.victorianweb.org/previctorian/ww/bio.html>
<http://www.victorianweb.org/previctorian/misc/romanticov.html>

UNITNO. & LESSON	ACTIVITIES	LEARNING OBJECTIVE
AUGUST		
<p>(Main Course Book) Environment Radio Show (Workbook) Worksheet-4 Modals Connectors</p> <p>(Literature Reader) Lord Ullin's Daughter Villa for Sale</p>	<p>Class Presentation Dramatization</p> <p>Report Writing Formal Letter Writing Listening Activity Debate and discussion</p>	<p>Organize his/ her ideas and speak coherently with proper diction and fluency. Involve themselves in creative oral presentation with proper intonation and modulation</p> <p>Express their ideas and develop their creative faculties</p> <p>Appreciate the poem with proper understanding of its poetic devices.</p>
<p>Reference Book/ Web link : http://www.youtube.com/watch?v=gn10nmS42IU http://www.youtube.com/watch?v=7lzL8IuH-vc</p>		
SEPTEMBER		
<p>(Main Course Book) Mystery (Workbook) Worksheet-5 Active and Passive</p>	<p>Data Interpretation</p> <p>Report Writing E-Mai Writing</p>	<p>Write a report based on the provided statistical data</p> <p>Use passive voice appropriately during required circumstances</p>
<p>Reference Book/ Web link : http://www.wikihow.com/Write-a-Formal-Email</p>		
OCTOBER		
<p>Main Course Book) Mystery (Workbook) Worksheet-6 Reported Speech</p> <p>(Literature Reader) The Man Who Knew too Much The Seven Ages</p>	<p>Speech Writing Article Writing Message Writing Book Review</p>	<p>Narrate sentences with proper usage of reported speech</p> <p>Develop a flair for reading with proper comprehension and some understanding of its critical aspects</p> <p>Familiarize themselves with Shakespearean form of writing</p>
<p>Reference Book/ Web link http://www.authorstream.com/Presentation/ciaffaroni-55349-william-shakespeare-mt-education-ppt-powerpoint/</p>		
UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE

NOVEMBER

<p>(Main Course Book) Children</p> <p>(Workbook) Worksheet-7 Prepositions</p> <p>(Literature Reader) Keeping it from Harold Song of the Rain Oh I Wish I'd Looked After Me Teeth</p>	<p>Dialogue writing Description Writing (people, objects or events) Informal Letter Writing</p>	<p>Write a descriptive passage expanding some bits of information Place the prepositions appropriately as per the requirement Compare and analyse the given information Appreciate the humour and aesthetic elements of the given poems</p>
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Reference Book/ Web link

<http://www.youtube.com/watch?v=MACQQefQeDY>
<http://www.poemhunter.com/khalil-gibran/>
<http://www.youtube.com/watch?v=YNZquUneyTE>
<http://www.wodehouse.org/>

DECEMBER

<p>(Main Course Book) Sports and Games</p> <p>(Workbook) Worksheet-7 Integrated Grammar</p> <p>(Literature Reader) The Bestseller The Bishop's Candlesticks</p>	<p>Role Play PowerPoint Presentation Article Writing Listening Activity Critical Appreciation</p>	<p>Reflect on a few aspects of human behaviour and compare them with real life experiences Research information through various sources and present it in a coherent manner</p>
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Reference Book/ Web link

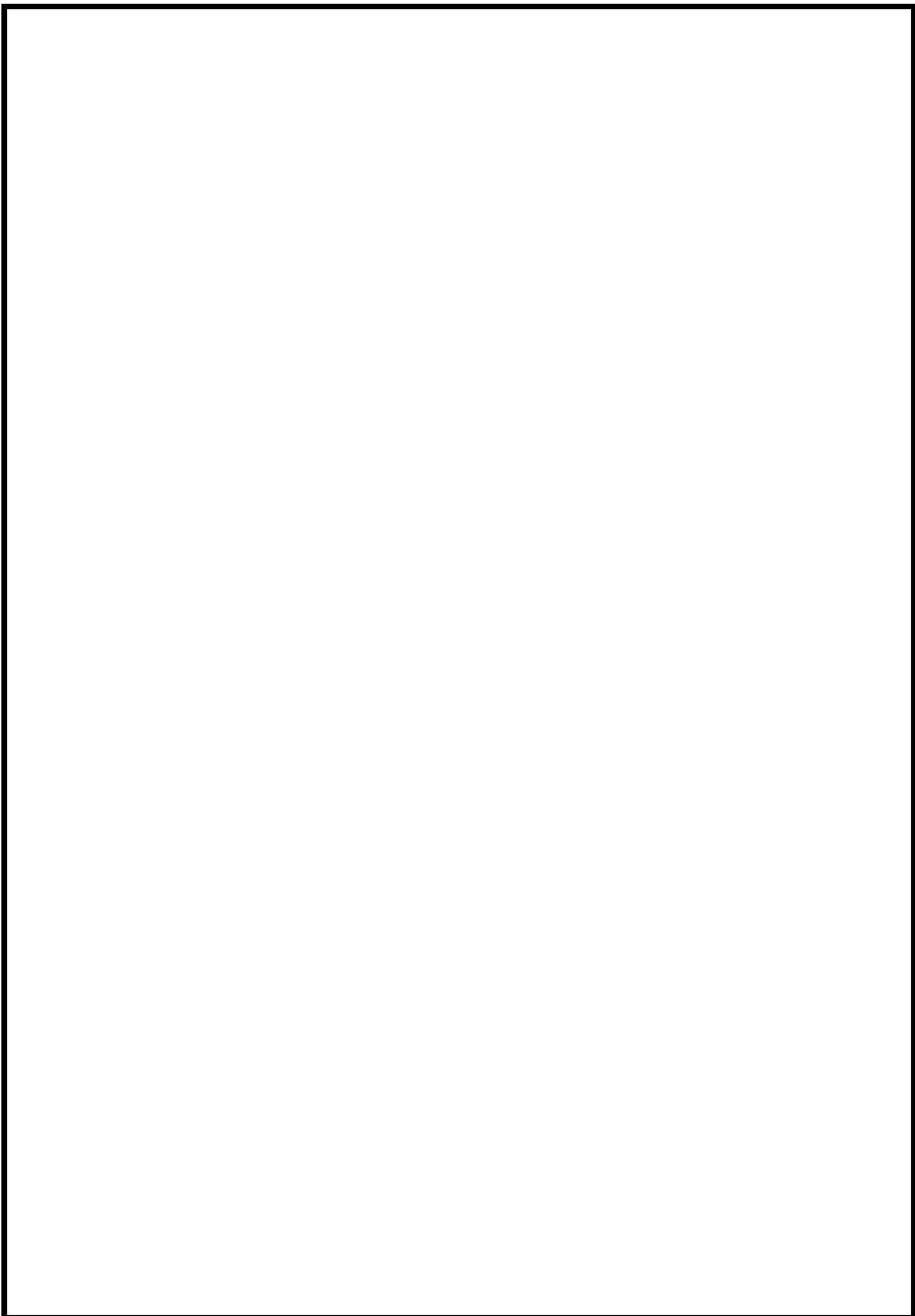
http://about.usps.com/news/national-releases/2012/pr12_100.htm

JANUARY

<p>Revision Formal and Informal Letter</p> <ul style="list-style-type: none"> • Email Writing • Notice Writing • Story Writing • Note making • Diary Entry • Article Writing • Report Writing • Integrated grammar Practice 	<p>Letter writing Email writing Notice writing Note making Diary entry</p>	
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FEBRUARY

<p>Revision Prose</p> <ul style="list-style-type: none"> • Poetry • Play • Unseen Passage • Unseen Poetry 	<p>Assessments Summary writing Revision of questions and answers from Literature Reader</p>	
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HINDI

पाठ्यक्रम एवंपाठ्य सूची	व्याकरण	गतिविधियाँ	शिक्षणउद्देश्य
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अप्रैल

पाठ—दो बैलो की कथा पाठ—साखियाँ एवं सबद पाठ—वाख	शब्द निर्माण उपसर्ग पत्र,निबंध अपठित गद्यांश चित्र वर्णन विलोम अनुच्छेद पर्यायवाची	वन्य प्राणी संरक्षण पर वाद—विवाद शब्दों के जोड़े बनाना ख वर्ण से शब्द निर्माण	पशु—पक्षियों के प्रति संवेदनशीलता विकसित करना भावात्मक अभिरुचि उत्पन्न करना सृजनात्मकता को उभारना
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मई

पाठ—इस जल प्रलय में	प्रत्यय समास पत्र,निबंध अपठित पद्यांश प्रतिवेदन लेखन	जल संरक्षण पर प्रेरक चित्र	आपदा प्रबंधन की जानकारी देना लेखन कौशल का विकास
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जुलाई

पाठ—ल्हासा की ओर पाठ—उपभोक्तावाद की संस्कृति पाठ—सवैये	संज्ञा सर्वनाम मुहावरे चित्र वर्णन,पत्र,निबंध अपठित गद्यांश पर्यायवाची ,अलंकार	ताप संबंधी सूचनाएँ एकत्र करना विज्ञापन बनाना कृष्ण लीला का वर्णन	सजगता सर्तकता के गुण उत्पन्न करना चिंतनशीलता विकसित करना नैतिक मूल्यों का विकास करना
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अगस्त

पाठ—कैदी और कोकिला पाठ—मेरे संग की औरते पाठ—सॉवले सपनों की याद	कारक,लिंग ,वचन का विशेषण पर प्रभाव अपठित पद्यांश विज्ञापन अनुच्छेद	कारक,लिंग ,वचन	समानार्थक शब्दों का ज्ञान लैंगिक समानता के प्रति संवेदनशील बनाना मौलिक चिंतन का विकास करना
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सितम्बर

पाठ—नाना साहब की पुत्री देवी नैना पाठ—ग्रमश्री	परसर्ग ने का क्रिया पर प्रभाव अपठित गद्यांश पर्यायवाची	कविता चयन एवं वाचन विशेषणों का निर्माण महीने के अनुसार	खोज की प्रवृत्तिको बढ़ावा देना मंचन के लिए अनिवार्य तत्वों की जानकारी
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अक्टूबर

पाठ—चंद्रगहना से लौटती बेर पाठ—रीढ की हड्डी	पत्र,निबंध अपठित पद्यांश चित्र वर्णन विज्ञापन	पर्वत्योहार की सूची बनाना नारालेखन	भारतीय संस्कृतिसे परिचितकराना उच्चशिक्षा के महत्वकोसमझाना लेखनकौशलकाविकास
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नवम्बर

पाठ—प्रेम चंद के फटे जूते पाठ—मेध आए	विलोम शब्द और श्रुतिसमभिन्नार्थक शब्द अपठित गद्यांश ,अनुच्छेद	साहित्यिक अभिरूची उत्पन्न करना गाँव और शहर के बीच की दूरी कम करना	हास्य व्यंग्य लेखन चित्रों के आधार पर कहानी लेखन लेखन कौशल का विकास
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दिसम्बर

पाठ—यमराज की दिशा पाठ—माटीवाली पाठ—मेरे बचपन के दिन पाठ—एक कुत्ता और मैना	पत्र,निबंध अपठित पद्यांश,चित्र वर्णन,विज्ञापन,विराम चिन्ह	साक्षात्कार विद्या से परिचय कराना श्रम के महत्व से परिचित आशु-भाषण अनुभव लेखन कराना	समाचार पत्र की कतरन चित्रांकन अथवा मिट्टी से वस्तु निर्माण वाचन क्षमता को प्रभावी बनाना लेखन कौशल का विकास
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जनवरी

पाठ—बच्चे काम पर जा रहे हैं पाठ—किस तरह आखिर मैं हिन्दी में आया	पर्यायवाची ,शब्द ,सर्वनाम अपठित गद्यांश, अनुच्छेद	वाक्य निर्माण सचित्र फाईल	गायन शैली का विकास करना खोज की प्रवृत्ति विकसित करना लेखन कौशल का विकास
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फरवरी	पुनरावृत्ति		
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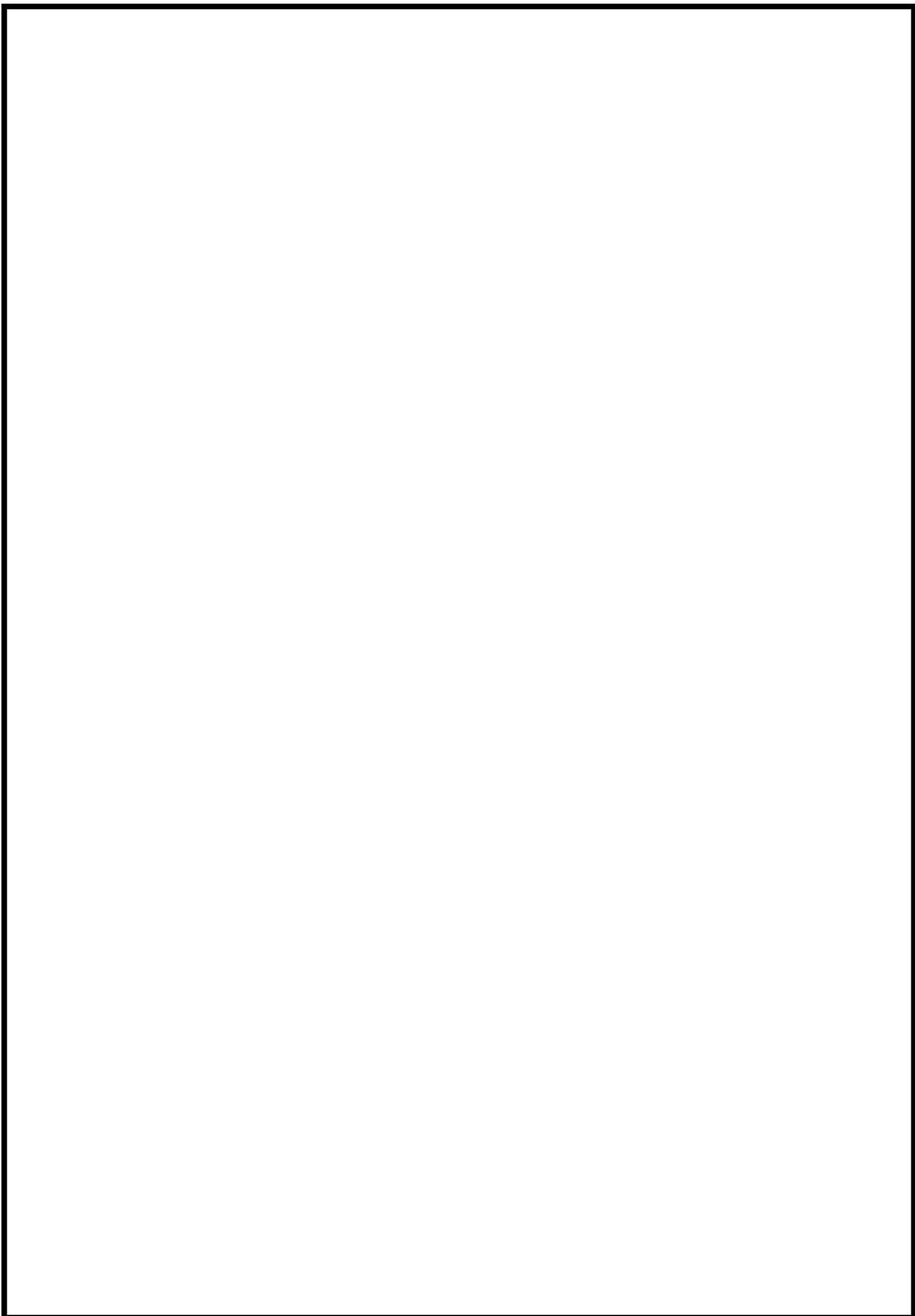
Reference Book/ Web link:-

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

sanyakiparibhasha.blogspot.com/.../definition-of-san... www.arshakulam.org/pdf/sanskrit/sandhihandbook.pdf

www.hindilearner.com/hindi_basics/hindi_grammar.html

www.lonweb.org/links/link-hindi.htm www.lonweb.org/links/link-hindi.htm



MATHS

CHAPTER

KEY CONCEPT /VALUE POINT

LEARNING OBJECTIVE

APRIL

Number System

Irrational Numbers, Real Numbers & their decimal expressions. Representing Real Numbers on the number line. Operations on Real number .Existence of \sqrt{x} for a given positive real number x . Laws of Exponents for Real Numbers.

-To enable the students to understand the properties of rational and irrational numbers
-To develop drawing skill
To understand the laws of radicals

Polynomial

Polynomials in one variable. Zeroes of Polynomials. Remainder theorem. Statement and proof of factor theorem. Factorizing a polynomial. And a cubic polynomial by factor theorem. Algebraic Identities.

To understand the application of remainder theorem and factor theorem.
To learn the different techniques of factorization.

Reference Book/web link: http://en.wikipedia.org/wiki/Numeral_system

MAY

Coordinate Geometry

Introduction. Cartesian system. Plotting a point in the plane if its coordinates are given. Graph of linear equation as examples.

To understand the two dimensional plane.
To plot points in a graph paper.

Reference Book/web link: http://en.wikipedia.org/wiki/Coordination_geometry

JULY

Heron's Formula

Introduction. Area of Triangle-by Heron's formula. Application of Heron's formula in finding area of Quadrilaterals.

To find area of a triangle using heron's formula.
To find area of Quadrilateral by applying Heron's formula

Introduction to Euclid's Geometry

Introduction. Euclid's Definitions, Axioms and Postulates. Equivalent versions of Euclid's fifth postulate. Showing the relationship between axiom and theorem.

To learn the basic geometry.

To understand the relationship between Axiom and Theorem

Reference Book/web link: http://en.wikipedia.org/wiki/Heron's_formula
http://cbse.nic.in/publications/fa_maths_ix/Chapter-5.pdf

CHAPTER	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
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AUGUST

Lines and Angles.	Introduction. Basic terms and Definitions. Intersecting lines and Non intersecting lines. Pairs of angles. Parallel Lines and a Transversal. Lines parallel to the same line. Angle sum property of a Triangle.	To understand the different concepts related to lines and angles and its application.
Triangles	Congruence of triangles. Criteria for congruence of triangles as SSS, SAS, ASA, and RHS. (prove) The angles opposite to equal sides of a triangle are equal and converse. Triangle Inequalities and relation between angle & facing side inequalities in triangles.	To understand the concept of congruency. To understand the various rules and theorems of congruency and its application.

Reference Book/ Web link : <http://www.geogebra.org/en/wiki/index.php/angles>

SEPTEMBER

REVISION

OCTOBER

Linear Equation in two Variables	Introduction of linear equations in two variables. Solution of a Linear Equation. Graph of linear equation in two variables. Equations of Lines parallel to x- axis and y- axis.	To apply mathematical knowledge and skill to solve mathematical problems by developing abilities to analysis and see the inter-relationship involved.
Quadrilaterals	1 (prove) The diagonal divides a parallelogram into two congruent triangles. 2. (Motivate) In a parallelogram opposite sides are equal, and conversely. 3. In a parallelogram opposite angles are equal, and conversely. 4. (Motivate) A quadrilateral is a parallelogram if a pair of its opposite sides are parallel and equal.	To built upon their previous concept of quadrilaterals To apply the concept in solving problems.

Reference Book/web link:

http://www.cpm.org/pdfs/skillBuilders/GC/GC_Extra_Practice_Section2.pd

CHAPTER	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
NOVEMBER		
<p>Area of parallelograms and Triangles</p> <p>Circles</p>	<p>Review concept of area, recall area of a rectangle, triangle etc. Figures on the same base and between the same parallels.</p> <p>1 (prove) Parallelogram on the same base and between the same parallels have the same area.</p> <p>2. (Motivate) Triangle on the same base and between the same parallels is equal in area and its converse.</p> <p>Circles and its related terms: A Review</p> <p>1(prove) Equal chords of a circle subtended equal angles at the centre and (motivate) its converse.</p> <p>2. (Motivate) The perpendicular from the centre of a circle to a chord bisects the chord and conversely, the line drawn through the centre of a circle to bisect a chord is perpendicular to the chord.</p>	<p>To learn the properties of parallelograms and triangles & Use for problem solving.</p> <p>To understand the definitions and concept of circles.</p> <p>To apply the concepts in problem solving.</p>

Reference Book/web link: <http://schools.aglasem.com/1713>

DECEMBER

<p>Surface areas and Volumes.</p> <p>Constructions</p>	<p>Introduction, Surface area of a cuboid and a cube.</p> <p>Surface area of a right circular cylinder and a cone.</p> <p>Surface area of a sphere and hemisphere.</p> <p>Construction of bisectors of line segments & angles, $60^\circ, 90^\circ, 45^\circ, etc.$ Equilateral triangles.</p> <p>Construction of a triangle given its base, sum/difference of the other two sides and one base angle.</p>	<p>To understand the difference between curved surface and total surface area.</p> <p>To understand the different formulae and apply them in problem solving.</p> <p>To acquire the skill of drawing geometrical figures with accuracy and neatness.</p>
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Reference Book/web link: <http://study.com/learning/area-of-parallelograms-and-triangles.html?eg=245f586bf704b5a961efbb60a7b00420&rcntxt=aws&crt=7610925004>

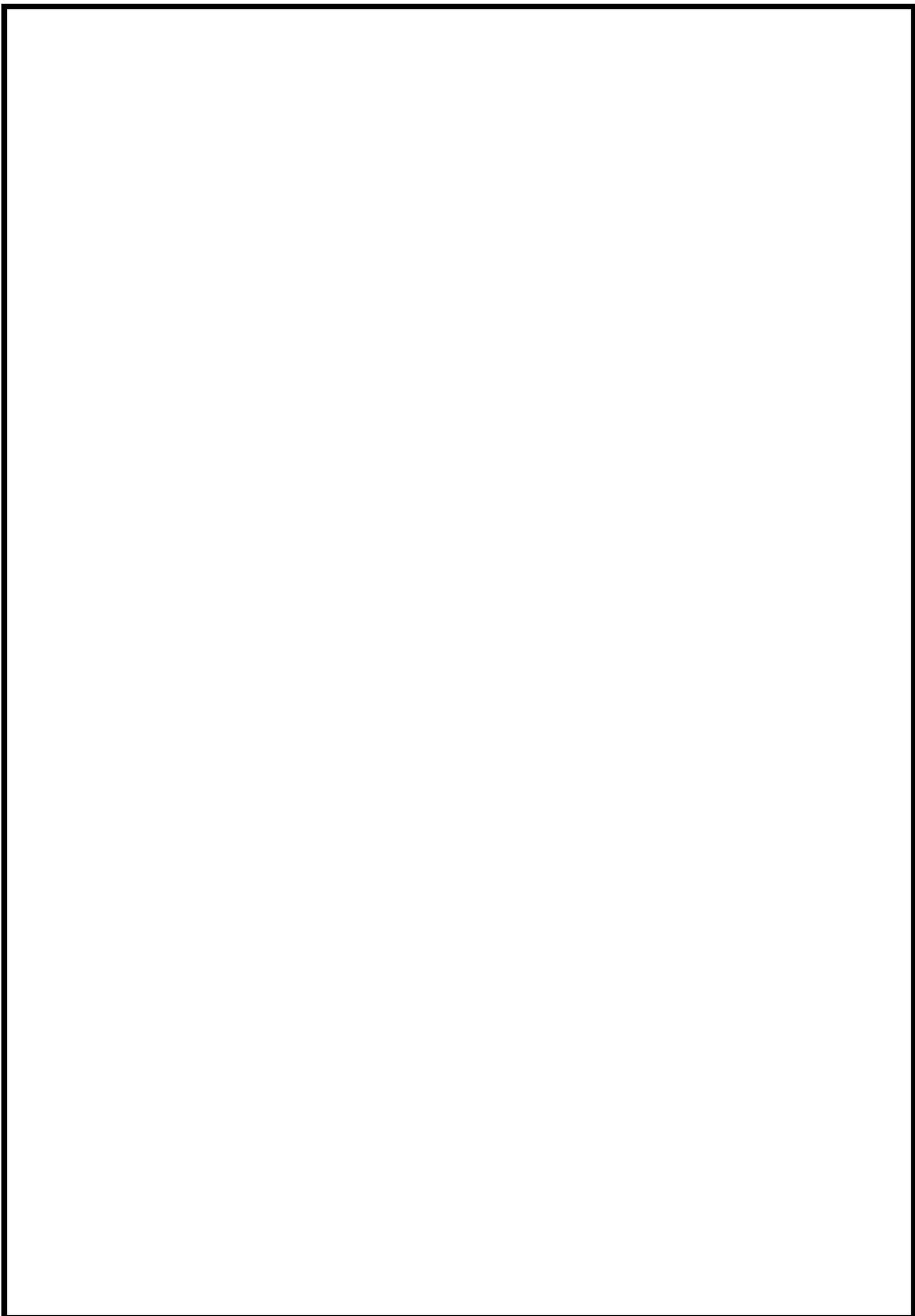
<http://www.mathopenref.com/constructions.html>

CHAPTER**KEY CONCEPT /VALUE
POINT****LEARNING OBJECTIVE****JANUARY**

Statistics	Introduction, Collection of data, Presentation of data – tabular form, ungrouped/grouped, bar graph, histograms, frequency polygons, quality analysis of data to choose the correct form from of presentation for the collected data. Mean, Median, mode of ungrouped data. History. Repeated experiments and observed frequency approach to probability. Focus is on empirical probability.	To collect information and represent it in the form of graphs. To interpret tables and graphs. To apply knowledge of statics in daily life.
Probability		To understand the theory of chance and apply it to solve problems.

Reference Book/ Web link: Rashmikathuria.webs.com.
[Mathematics 24x7.ning.com/profile/Rashmikathuria](http://Mathematics24x7.ning.com/profile/Rashmikathuria)

FEBRUARY**REVISION**



SCIENCE

**CHAPTER & KEY
CONCEPT**

ACTIVITIES

LEARNING OBJECTIVE

APRIL

**Ch-1
Matter Around Us
(Chemistry)**

Separate the components of a mixture of sand, common salt and ammonium chloride (or camphor) by sublimation. Determine the melting point of ice and the boiling point of water. To prepare stained temporary mounts of onion peel and human cheek cells and to record observations and draw their labelled diagrams. Determine the mass percentage of water imbibed by raisins. Identify permanent slide of animal and plant cell.

List the characteristics of matter
Differentiate among solids, liquids and gases
Define melting and boiling point

**Ch-5
The Fundamental Unit of Life
(Biology)**

State the important points of cell theory Differentiate between prokaryotic and eukaryotic cells; uni and multicellular organisms Explain the structure and function of plasma membrane Define osmosis and its importance in plants and animals

Reference Book/ Web link : www.nios.ac.in/media/documents/secscicour/English/Chapter-2.pdf

MAY

**Ch-8
Motion
(Physics)**

Differentiate between distance and displacement
Calculate speed & average speed
Define and calculate acceleration
Calculate acceleration and distance from the graph
Describe the motion of an object moving at uniform acceleration using three equations of motion

Reference Book/ Web link <http://www.excellup.com/classnine/sciencenine/motionnine1.asap.x>

JULY

**Ch- 9
Force and Laws of Motion
(Physics)**

To establish relationship between weight of a rectangular wooden block lying on a horizontal table and the minimum force required to just move it using a spring balance

Define force and list its effects
Find out the direction of movement of an object when two forces act upon it
State first law of motion, Define inertia
State the relation between inertia and mass
State Second law of motion
State the third law of motion

Reference Book/ Web link <http://www.excellup.com/classnine/sciencenine/motionnine1.asap.x>

AUGUST

Ch-15 Improvement in Food Resources (Biology)	To test the presence of starch in the given food sample To test the presence of adulterant metanil yellow in dal.	Explain the methods of improvement in crop variety, crop protection List the advantage of organic farming
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Reference Book/ Web link
<http://csep10.phys.utk.edu/astr161/lect/history/newtongrav.html>

SEPTEMBER

REVISION

OCTOBER

Ch-10 Thrust and Pressure (Physics)	To determine the density of solid by using a spring balance and a measuring cylinder To establish the relation between the loss in weight of a solid when fully immersed in tap water, strong salty water.	Explain the relation between pressure and thrust and apply in daily life example Explain why objects float or sink when placed on the surface of water Write the scientific definition of work Calculate work done by a force on body which is displaced in the direction of force Calculate kinetic energy Calculate potential energy State the law of conservation of energy and express it mathematically Calculate power in terms of work and time
Ch-11 Work and Energy (Physics)		

Reference Book/ Web link : www.excellup.com/classnine/sciencenine/gravitynine3.aspx

NOVEMBER

Ch-7 Diversity in Living Organisms (Biology)	To study the characteristics of Spyrogyra-Agaricus, Moss-Fern, Pinups (either with male or female cone) and angiosperm plant. To observe and draw the given pictures / charts – earthworm, cockroach, bony fish and bird. To study the external features of root, stem, leaf and flower of dicot and monocot plants.	Write the primary characteristics on which the division of organisms is made. Write the five kingdoms classification given by Whittaker and subdivision into sub groups at various levels, List the salient features of divisions of Kingdom Plantae Classify Animilia based on the extent
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UNITNO. & LESSON

ACTIVITIES

LEARNING OBJECTIVE

NOVEMBER

Ch-12 Sound (Physics)	To verify laws of reflection of sound. To determine the velocity of a pulse propagated through a stretched string / slinky	Explain how is sound produced Explain how does sound travel Explain why are sound waves called mechanical waves wavelength and frequency Describe echo and reverberation Calculate the distance of the reflecting surface
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Reference Book/web link: Reference Book/ Web link :
<https://rarediseases.info.nih.gov/GARD/>, www.slideshare.net/ERCJPP

DECEMBER

Ch-3 Atoms and Molecules (Chemistry)	To verify the law of conservation of mass in a chemical reaction	State the law of conservation of mass and law of constant proportion <ul style="list-style-type: none"> • State the postulates of Dalton's atomic theory • Define one atomic mass unit • Write the molecule of different element and compounds • Define anion and cation
Ch-4 Structure of Atom (Chemistry)		Name the charges present in an atom. <ul style="list-style-type: none"> • Explain the model and write its drawbacks • Write the distribution of electrons in different shells • Define atomic number and atomic mass

JANUARY

Ch-13 Why do we fall ill? (Biology)	To study the lifecycle of mosquito	<ul style="list-style-type: none"> • Define health • Define diseases and state its causes <ul style="list-style-type: none"> • Explain the modes of transmission of different diseases • State the principles of treatment; principle of prevention and principle of immunisation
Ch-14 Natural Resources (Biology)		Explain air as a blanket of the earth <ul style="list-style-type: none"> • Describe the movement of winds consequences • Draw and explain bio geo chemicals • Explain green house gases • Describe ozone hole, where is it found and its effects

Reference Book/ Web link : <https://rarediseases.info.nih.gov/GARD/>, www.slideshare.net/ERCJPP/why-do-we-fall-ill-23566051

FEBRUARY-REVISION

SOCIAL SCIENCE

UNIT NO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
APRIL		
Ch-1 French Revolution (History)	The Ancient Regime and its crises The social forces that led to the revolution.	Familiarize students with the names of people involved, the different types of ideas that inspired the revolution, the wider forces that shaped it.
Ch-1,2 What is democracy? Why democracy? (CIVICS)	Different ways of defining democracy Democracy as the most prevalent form of government in our times	Develop conceptual skills of defining democracy . Understand how different historical processes and forces have promoted democracy.
Ch-2 India- Physical Features (GEOGRAPHAY)	Location Relief structure, major physiographic units	To understand the major landform features and the underlying geological structure Their association with various rocks and minerals as well as nature of soil types.

Reference Book/web link: bastille-day.com

MAY

Ch-1 The economic story of Palampur (ECONOMICS)	Economic transformation of Palampur and its interaction with the rest of the world through which the concept of production (including three factors of production (land, labour and capital) can be introduced.	Familiarizing the children with some basic economic concepts through an imaginary story of a village
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Reference Book/web link: en.wikipedia.org/wiki/PoliticsofIndia

JULY

Ch-3 Rise of Nazism (HISTORY)	The growth of social democracy The crisis in German The basis of Hitler's rise to power	Discuss the critical significance of Nazism in shaping the politics of modern world. Familiarize students with the speeches and writings of Nazi leaders.
Ch-3 Designing of Democracy in India (CIVICS)	How and why did India become a democracy? . How was the Indian constitution framed? What are the salient features of the Constitution?	Develop respect for the Constitution and appreciation for Constitutional values . Recognize that constitution is a living document that undergoes changes.

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
JULY		
Ch-2 Drainage (GEOGRAPHY) Ch-2 People as Resource (ECONOMICS)	Major rivers and tributaries lakes and seas, role of rivers in the economy Pollution of rivers, measures to control river pollution Introduction of how people become resource / asset; economic activities done by men and women Quality of human resource	Understand the river systems of the country and explain the role of rivers in the evolution of human society. Get familiarized with a few population related concepts and develop sensitivity towards people as asset can participate and contribute in nation building
Reference Book/web link: https://www.wsws.org/en/articles/2008/10/1923-o30.html		
AUGUST		
Ch-8 History of Cricket (HISTORY) Ch-3 Electoral politics in democracy (CIVICS) Ch-3 Climate (GEOGRAPHY)	Introduction of Cricket as a colonial game Modern transformation of the game Election of representatives Political Competition Factors influencing the climate; monsoon- its characteristics, rainfall and temperature distribution Seasons; climate and human life.	Trace the history of cricket in India Elaborate on how technology changed cricket Develop an appreciation of citizen's increased participation in electoral politics Recognise the significance of the Election Commission To identify the various factors influencing the climate and explains the climatic variation of our country and its impact on the life of the people.
Reference Book/web link: www.wvfindia.org		
SEPTEMBER		
Ch 4-Institutions of parliamentary democracy (CIVICS)	How is the country governed? What does Parliament do in our democracy? What is the role of the President of India, the Prime Minister and the Council of Ministers? How do these relate to one another?	Sensitise to the key role of the Parliament and its procedures Distinguish between nominal and real executive authorities and functions Understand the parliamentary system of executive's accountability to the legislature
Reference Book/web link: http://kids.asiasociety.org/stories/king-stands		
UNITNO. & LESSON	KEY CONCEPT /VALUE	LEARNING OBJECTIVE

POINT

OCTOBER

Ch-4 Natural Vegetation (GEOGRAPHY)	Vegetation types, distribution as well as altitudinal variation Need for conservation and various measures.	. To find out the nature of diverse flora as well as their distribution; . To develop concern about the need to protect the bio-diversity of our country;
Ch-5 Wildlife (GEOGRAPHY)	Major species, their distribution Need for conservation and various measures	To find out the nature of diverse fauna as well as their distribution; . To develop concern about the need to protect the bio-diversity of our country;

Reference Book/web link: <http://prabhu.50g.com/earliest/punchmrk.html>

NOVEMBER

Ch 4-Peasants and Farmers (HISTORY)	Introduction of modern machines. Case studies : Changes in agriculture in England and USA	Elaborate on how modern machines changed the life of the people Show the different processes through which agrarian transformation may occur in the modern world.
Ch 6-Population (GEOGRAPHY)	Size, distribution, age-sex composition, population change-migration as a determinant of population change, literacy, health, occupational structure and national population policy	To analyse the uneven nature of population distribution and show concern about the large size of our population To understand the various occupations of people and explain various factors of population change

Reference Book/web link: merinews.com, rural.nic.in, presstv.ir, povertychallenge.com

DECEMBER

Ch 5-Citizens'rights in democracy (CIVICS)	Why do we need rights in a constitution? What are the Fundamental Rights enjoyed by the citizen under the Indian constitution? How does the judiciary protect the Fundamental Rights of the citizen? . How is the independence of the judiciary ensured?	Develop a citizens' awareness of their rights Introduction to and appreciation of the Fundamental Rights Recognition of the ways in which these rights are exercised and denied in real life situations. Introduction to judicial system and key institutions like the Supreme Court, High Courts and National Human Rights Commission
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Reference Book/web link: [www.inentrance.com/general knowledge/history](http://www.inentrance.com/general%20knowledge/history)

UNITNO. & LESSON	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
DECEMBER		
Ch-4 Food Security : Source of food grains (ECONOMICS)	Variety across the nation famines in the past - the need for self-sufficiency Role of government in food security procurement of food grains. Over flowing of granaries and people without food Public distribution system	Exposing the child to an economic issue which is basic necessities of life Appreciate and critically look at the role of government in ensuring food supply
Reference Book/web link: en.wikipedia.org/wiki/PublicDistributionSystem		
JANUARY -FEBURARY		
REVISION		

COMPUTER

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

Ch-1 Computer System -An Overview	Make a chart on History of Computers by collecting pictures and information on early computers	Computer & its Function Characteristics & type of Computer	To define functions & characteristic
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Reference Book/web link: http://en.wikipedia.org/wiki/operating_System

MAY

Ch-2 Computer Components-Functional Overview	Collect Pictures of Input Process& Output devices	Input Unit, Process Unit Output Unit Memory devices	To define Input and Output devices
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Reference Book/web link: WWW.exceltutorial.com

JULY

Ch-3 Computer Software	Make a chart of software and its types	Types of Software Programming Language	To define Software, its types & Programming Language
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Reference Book/web link: WWW.exceltutorial.com

AUGUST

Ch-4 Communication Technology	Searching information on 'Deserts across the world' using Internet.	Network & its type Modem Internet	To know about modem & Internet and its importance
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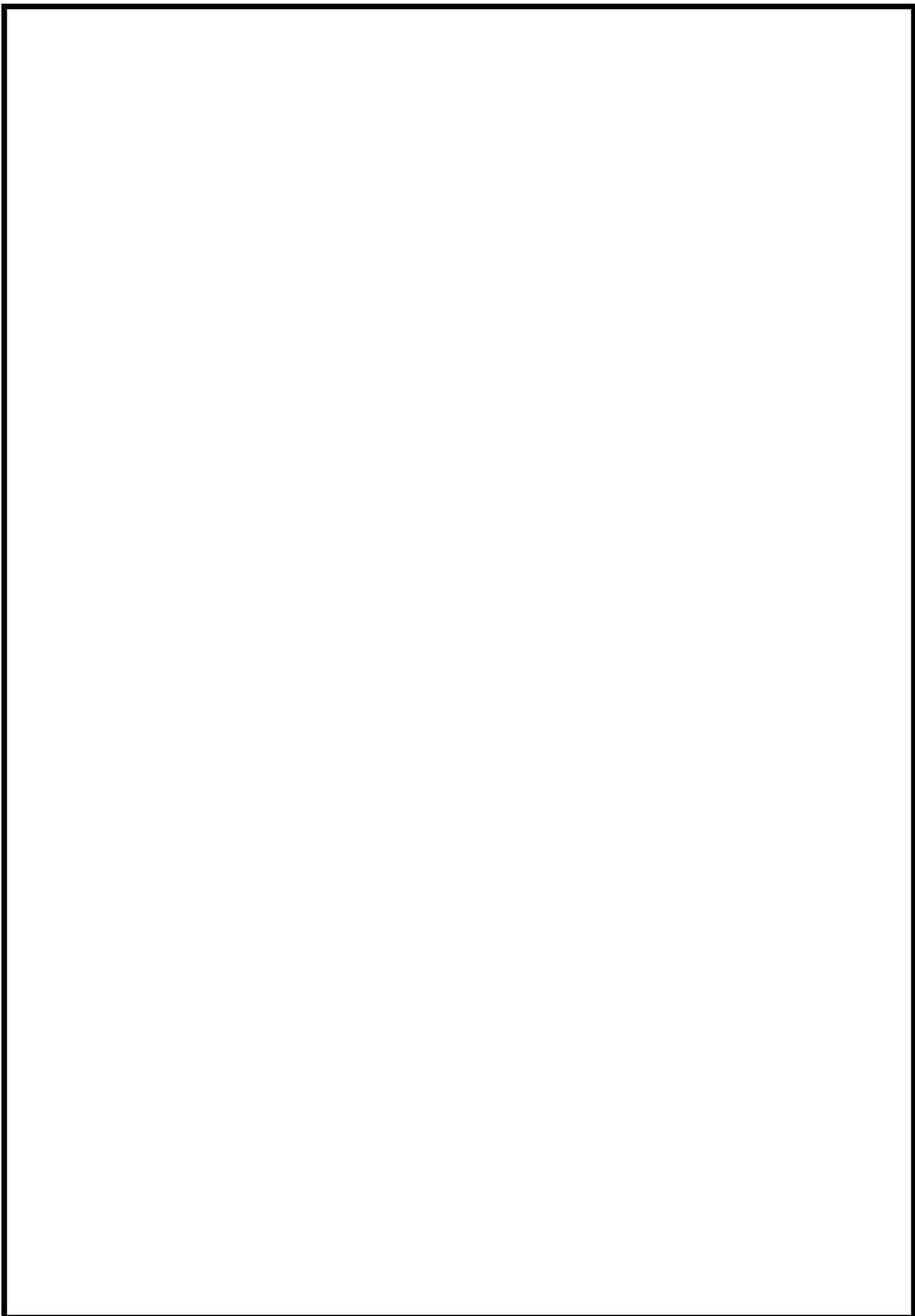
Reference Book/web link: WWW.exceltutorial.com

SEPTEMBER

Ch-5 Gnu Linux Based Operating System	Identify operating system in computer Lab.	Operating System Boss Linux Operating System Managing Files & Folders HTML Tags	To explain importance of Operating System
HTML	Designing Web Page		Learn to develop web page

Reference Book/web link: WWW.exceltutorial.com

UNITNO. & LESSON	PRACTICAL	KEY CONCEPT /VALUE POINT	LEARNING OBJECTIVE
OCTOBER			
<p>Ch-6 Openoffice.Org writer-I</p> <p>Ch-7 Openoffice.Org writer-II</p>	<p>Create a document file in MS word and enhance its appearance by applying Borders</p> <p>Create a paragraph and search for errors in spelling.</p> <p>Inserting Table in Word document</p>	<p>Word processor</p> <p>Find & Replace</p> <p>Formatting & Editing Documents</p> <p>Bulleted &Numbered Lists</p> <p>Spell Check & Table</p>	<p>To use MS Word to create word document</p> <p>To add Tables in MS Word</p>
Reference Book/web link: WWW.exceltutorial.com			
NOVEMBER			
<p>Ch-8 Open office.Org Calc-I</p> <p>Ch-9 Open office.Org Calc-II</p>	<p>Making a student record in excel.</p> <p>Inserting Row & Column.</p> <p>Deleting Row & Column.</p> <p>Editing data in Row & Column.</p> <p>Inserting data in Chart Form</p> <p>Inserting data in Chart Form</p>	<p>Calc Spread sheet Basics</p> <p>Cell Range</p> <p>Workbook & Worksheet</p> <p>Charts & its types</p> <p>Components of Charts</p>	<p>To create Excel Sheet</p> <p>To display data in graphic form</p>
Reference Book/web link: WWW.popera.com , WWW.pandasecurity.com			
DECEMBER			
<p>Ch-10 Openoffice.Org Impress</p> <p>Ch-11 IT Application</p> <p>Ch-12 Societal Impact of IT</p>	<p>Making a PowerPoint Presentation using Wizard and Template.</p> <p>Letter Writing using Mail Merge</p> <p>Collect information on Societal Impacts of IT</p>	<p>New Presentation</p> <p>Inserting Music & Sound into Slides</p> <p>Uses of computer & Internet</p> <p>Benefit & drawback of IT</p>	<p>To create Power Pont Presentation</p> <p>To insert sound in slides</p>
Reference Book/web link: WWW.schoolfreeware.com			
JANUARY-FEBRUARY			
PROJECT WORK			



ART EDUCATION

CHAPTER & KEY CONCEPT	ACTIVITY	LEARNING OBJECTIVE
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APRIL-MAY

Basics 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 and 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>	Cricket Level 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 Soccer CHALLENGE (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 Roulder'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 ASSESSMENT 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