

Syllabus for Academic Session: 2022-23

Class: V

Subject: English

Subject: English				
MONTH	COURSE BOOK/ WORK BOOK	GRAMMAR/SKILL ASSESSMENT	LEARNING OBJECTIVES	ACTIVITY/ LEARNING OUTCOMES.
March	<p>Course book Ch-1 The River Bank</p> <p>Workbook Theme -1 Worksheet 1,2</p> <p>Course book Ch-2 The Champa Flower</p> <p>Workbook Theme -1 Worksheet 3,4</p>	<p>Sentence and its Kinds Parts of speech</p> <p>Noun and its Kinds Number of Noun and pronoun Singular and plural</p>	<p>Students will be able to read the chapter and understand it, pronounce the words properly, Learn new vocabulary words.</p>	<ul style="list-style-type: none"> Students will infer the meaning of un familiar words by reading them in context. They will be able to present orally and in writing the highlight of a given written text. Write about your pet Game Ladder
April	<p>Course book Ch-3 The Way Animals talk</p> <p>Workbook Theme -2 Worksheet 1,2.</p> <p>Course book Ch.- 4 How I Taught My Grandmother to Read</p>	<p>Article</p> <p>Preposition</p> <p>Application</p>	<p>Students will be able to read the chapter and understand the importance of body gesture of animals.</p> <p>Students will be able to understand the importance of Education.</p>	<ul style="list-style-type: none"> Students will understand new vocabulary words, will understand the importance of gesture and body movements. To understand the importance of books and their rule in spreading education. Himachal day card and Baisakhi card making
May	<p>Course book Ch-5 How the Little Kite Learned to Fly</p> <p>Workbook Theme -2 Worksheet 3,4.</p>	<p>Gender Adjective and its kind</p> <p>Short picture composition.</p>	<p>Students will be able to develop Vocabulary, accurate pronunciation, and voice modulation</p>	<ul style="list-style-type: none"> Students will infer the meaning of un familiar words by reading them in context. They will be Mother's Day Card Calligraphy Speak a few sentences on Abdul Kalam

June	Course book Ch-6 Wonderful Kalam Workbook Theme -3 Worksheet 1,2 Course book Ch-7 Bravo Amir Aga	Preposition of Place and time. Composition on environment.	Students will learn voice modulation develop Vocabulary, accurate pronunciation of words	<ul style="list-style-type: none"> Students will develop Vocabulary, accurate pronunciation, and voice modulation.
July	Course book Ch-8 These Simple Things Ch-9 La Tomatina Workbook Theme -3 Worksheet 3,4	Letter (Formal and Informal) Diary entry	Students will develop Vocabulary, accurate pronunciation, and voice modulation Will learn about the festival of other country.	<ul style="list-style-type: none"> Students will understand the importance of environment. Paste all the pictures of festivals in a scrap book
August	Course book Ch-10 A strange case Workbook Theme -4 Worksheet 1,2	Story Writing Verb form Tenses	To develop vocabulary and reading skill among students. Students will know about scientific inventions.	<ul style="list-style-type: none"> To learn about various festivals celebrated in the world Develop reasoning and vocabulary.
September	Course book Ch-11 Thomas Alva Edison Ch-12 Global warming Workbook Theme -4 Worksheet 3,4	Comparison of adjectives One word for many	Students will learn about the bad effects of global warming and how it is caused	<ul style="list-style-type: none"> Write a paragraph on global warming Suggest Measures to control Global warming.
October	Course book Ch-13 An Indian train Journey Ch-14 Dances of India Workbook Theme -5 Worksheet 1,2	Idioms Conjunction Adverbs and its kinds	Students will learn about new words with their meaning and pronunciation. Students will get familiar with folk dances of India	<ul style="list-style-type: none"> Students will share their views about trains. Collect the Pictures of Various dance forms of different states. Writing a paragraph on dances of India
November	Ch-15 Androcles and the Lion Revision Work	Interjection Revision of grammar	To develop vocabulary and reading skill among students.	<ul style="list-style-type: none"> Students will learn about the true value of friendship. An act on Androcles and the Lion Role play Dialogue writing
December	Final Term			

विषय : हिंदी

माह	पाठ का नाम सहित खंड	व्याकरण तथा रचनात्मक लेखक	शिक्षण-अधिगमन के प्रतिफल	नवीन शिक्षण युक्तियाँ कला एकीकरण अंतर्विषयी दृष्टिकोण	गतिविधि परियोजना
मार्च	ध्वनि	भाषा व्याकरण और लिपि, वर्ण विचार	विद्यार्थियों द्वारा जोश व उत्साह की उपयोगिता समझने हेतु प्राचीन व नवीन साधनों की उपलब्धता की तुलनात्मक जानकारी सहभागिता के माध्यम से प्राप्त करना पद्य का आनंद उठा पाने की क्षमता का विकास अनौपचारिक विषयों व संदर्भों से बातचीत करने की क्षमता का विकास बच्चों के व्यक्तिगत कौशलों, रुचियों मनोवृत्तियों को प्रेरणा का विकास करना संवेदनशीलता तथा भावुकता का विकास करना।	पद्य-विध के प्रति जागरूकता का विकास आह्वान, आदर्श अनुत्तानगय वाचन, व्यावहारिक अनुभवों का आदान-प्रदान-मनन-चिंतन गायन विध के साथ एकीकरण	कविता-वाचन अथवा मानव की वर्तमान जीवन शैली और शहरीकरण से जुड़ी योजनाएँ प्रकृति के लिए घातक-चर्चा परिचर्चा
अप्रैल	लाख की चूड़ियाँ क्या निराश हुआ जाए	विशेषण, क्रिया, काल, रामरूपी भिन्नार्थक शब्द अर्थ कीट उपसर्ग, प्रत्यय संवाद लेखन अनुच्छेद लेखन गुरु कुम्हार सिख कुंभ है, गढ़ि गढ़ि काढ़े खोट	विद्यार्थियों द्वारा पत्रा संस्कृति की जानकारी सहभागिता के माध्यम से प्राप्त करना। विद्यार्थी समझने समर्थ होंगे जीवन में पत्रों की आवश्यकता, पत्रा संस्कृति की जानकारी, भावों तथा विचारों को व्यक्त करना, पत्रों के महत्व उपयोगिता की जानकारी प्रदान करना शुद्ध उच्चारण के साथ पठन क्षमता का विकास। समाज में फैले भ्रष्टाचार को देखकर निराश न होने की सीख देना, निरंतर आशा का दामन थाम आगे कदम बढ़ाना। विद्यार्थी समझने में समर्थ होंगे जीवन में मेहनत व ईमानदारी का महत्व, सफलता के लिए, आशा व सकारात्मक सोच की आवश्यकता	जीवन सापेक्ष अनुभव काटिन्ध निवारण मनन चिंतन, निर्दिष्ट विध से परिचय, जुझारू प्रवृत्ति का विकास सकारात्मक सोच का पल्लवन, जीवन में आशावादी बनने की सीख	समाप्त होते लघु उद्योगधंधे फाइल प्रस्तुतीकरण ; कक्षागत विचार-प्रस्तुति एवं भावा भिव्यक्ति
मई	बस की यात्रा दीवानों की हस्ती	शब्द-विचार, संज्ञा, लिंग, वचन, मुहावरे-1-15 अपठित पद्यांशा, विज्ञापन, लेखक, संवाद लेखक	विद्यार्थियों द्वारा यातायात के साधनों की उपयोगिता को समझते हुए प्राचीन व नवीन यातायात प्रणाली की तुलनात्मक जानकारी सहभागिता के माध्यम से प्राप्त करना, यातायात के साधनों का महत्व, विपरीत परिस्थितियों में सुतंलन की आवश्यकता साताजिक अत्यवस्था से परिचय	निर्दिष्ट विध से परिचय, व्यावहारिक व्याकरण का पल्लवन सामाजिक विज्ञान के साथ एकीकृत यातायात व्यवस्था संबंधी विचार-विमर्श हास्य-व्यंग्य विध से संक्षिप्त परिचय	प्राचिन व नवीन यातायात साधनों का चार्ट प्रस्तुतीकरण पोस्टर- निर्माण अथवा कल्पना के आधार पर सच्चे मित्रा का चित्रा प्रस्तुतीकरण

जुलाई	चिट्ठियों की अनूठी दुनिया	कारक सर्वनाम तत्सम तरुदेव पक्षी कोकिल विलोम शब्द खंड भोगी,पर्यायवाची शब्द इंद्र उपवन अनेकार्थक शब्द स्वार्थी आत्महत्या अनौपचारिक पत्रा सात्वना पत्रा	विद्यार्थियों द्वारा पत्रा संस्कृति की जानकारी सहभागिता के माध्यम से प्राप्त करना। विद्यार्थी समझने समर्थ होंगे जीवन में पत्रों की आवश्यकता, पत्रा संस्कृति की जानकारी, भावों तथा विचारों को व्यक्त करना, पत्रों के महत्व उपयोगिता की जानकारी प्रदान करना शुद्ध उच्चारण के साथ पठन क्षमता का विकास।	आदर्श अनुतानमय वाचन एवं स्पष्टीकरण, व्यावहारिक अनुभवों का आदान-प्रादान, जीवन-सापेक्ष अनुभव, काठिव्य निवारण, मन न - चिंतन, आगमन-विधि एकीकरण पोस्टकार्ड तथा पत्रा खरीदकर उसे लिखना	पुराने समाचार पत्रों के माध्यमसे पत्रा निर्माण
अगस्त	भगवान के डाकिए कबीर की साखियां	वर्तनी विचार मुहावरे अपठित गद्यांश, पद्यांश,	विद्यार्थियों द्वारा भगवान द्वारा भेजे गए संदेशवाहकों की जानकारी पारस्परिक सहभागिता के माध्यम से प्राप्त करना निस्वार्थ भावना का विकास जीवन में उत्साह बनाने तथा कार्यकुशलता की निरंतरता बनाए रखने के लिए सहयोग की आवश्यकता पर बल। भेदभाव नकरके प्रेम सद्राव व एकता का संदेश स्थापित करना। दूसरों के समक्ष अपनी बात को तर्कपूर्ण ढंग से रखने की कला विकसित करना, गायन विद्या में सक्षम पद्य विद्या से परिचय जीवन मूल्यों का विकास पद्य विद्या को व्यावहारिकता से जोड़ना सिखाना	आदर्श अनुतानमय वाचन एवं स्पष्टीकरण, व्यावहारिक अनुभवों का आदान-प्रादान, जीवन-सापेक्ष अनुभव, काठिव्य निवारण, मन न - चिंतन, आगमन-विधि द्वारा काव्य का रसास्वादन ;कला एकीकरण कबीर की साखियों की वर्तमान स्थिति से तुलना- विचार विमर्श	पोस्टर निर्माण कल्पना के माध्यम से विस्थापित पक्षियों की चित्रा भिव्यक्ति साखी को लिखना
सितम्बर	कामचोर	क्रियाविशेषण,	परिवारिक दायित्वों की समझ विकसित करना, व्यंग्यात्मक शैली को समझने की सीख प्रदान करना बाल मनोविज्ञान से परिचय, सृजनात्मक क्षमता का विकास बालमन की उड़ान का विकास बच्चों के प्रति समझ व सहनशीलता का विकास	कला एकीकरण हेतु संयुक्त परिवार की विशेषताएं बताते हुए बच्चों की सोच में बदलाव तथा घरेलू कार्यों के प्रति सजगता का आहान	वाद-विवाद भाग्य बड़ा या पुरुषार्थ
	जब सिनेमा ने बोलना सीखा		रंगमंचीय अनुभवों का आदान- प्रदान प्राचीन व आधुनिक सिनेमा में आए बदलावों से अवगत कराना	मूक सिनेमा व आधुनिक काल के सिनेमा पर चर्चा परिचर्चा	अभिनय प्रस्तुतीकरण
अक्टूबर	सुदामा चरित	समुच्चयबोधक, विस्मयादिबोधक, समरूपी भिन्नार्थक शब्द अन ज्वार औपचारिक पत्रा संपादक को पत्रा अपठित गद्यांश, विज्ञापन लेखन	पठन व लेखन कौशल का विकास विद्यार्थियों द्वारा सच्चे मित्रा के व्यवहारकी मानव जीवन में उपयोगिता की जानकारी पारस्परिक सहभागिता के माध्यम से प्रदान करना, श्री कृष्ण व सुदामा की अटूट	मित्रातः की गहराई को समझ पाने की क्षमता का विकास, जीवन का उत्साहपूर्ण बनाने तथा कार्य कुशलता की निरंतरता बनाए रखने के लिए सच्चे मित्रा की आवश्यकता का एहसास कराना, स्नेह व सोहार्द की भावना, अभिमान रहित जीवन, सम्बन्धों की प्रगाढ़ता	भाषण घमंडी का सिर नीचा

	जहाँ पहिया है		साइकिल की यात्रा से परिचय कराना, साइकिल आत्मनिर्भरता में सहायक, दक्षिण भारतीय ग्रामीण संस्कृति से अवगत कराना, बच्चों का बहुमुखी विकास।	आदर्श अनुतानमय वाचन एवं स्पष्टीकरण	
नवम्बर	अकबरी लोटा	समास, मुहाबरे अशु(वाक्यों को संशोधन परोपकार अपठित गद्यांश, संवाद-लेखन, शिकायती पत्र	व्यंग्य विध समस्याओं को गहराई से उजागर करने की क्षमता में वृत्ति, रंगमंच से जुड़े कौशलों में निपुणता	कला-एकीकृत-ऐतिहासिक वस्तुओं के संग्रहालयों के नाम व पते का फाइल प्रस्तुतीकरण	चरित्रा-अभिनय, काल्पनिक हास्य से परिपूर्ण व्यंग्यात्मक कहानी मंचन; कोई एकद्व
	सूरदास के पद		विद्यार्थियों द्वारा ग्रामीण पृष्ठभूमि की उपयोगिता समझते हुए प्राचीन व नवीन सामाजिक प्रणाली की तुलनात्मक जानकारी, श्रीकृष्ण के बाल जीवन का महत्व को समझने में समर्थता।	आदर्श अनुतानमय वाचन एवं स्पष्टीकरण, व्यावहारिक अनुभवों को आदान-प्रदान	पदों का गायन माँ बच्चों के हितार्थ उनके साथ कैसा व्यवहार करती है-चर्चा-परिचर्चा

Subject: Maths

MONTH	UNITS/ LESSON	LEARNING OBJECTIVES OR SUBTOPICS	PRACTICAL/ACTIVITY	LEARNING OUTCOMES
March	Numbers around Us	Decomposes a number into groups of crores, lakhs, thousand, hundred, tens and ones. Compare the large numbers, Read and write numbers according to International Numeration System	LabActivity1: Formation of large numbers using number cards	Development of Number sense using a number game Students will form groups according to number of letters in their name. Each group will be asked to explain characteristics of their number in day to day life.
	Playing with Numbers	• Cubes and Cube roots of numbers • Estimating Cube roots	AUDIO-VISUAL AIDS: Smart class modules	
April	Powers and Exponents	Students will use vocabulary related to four operations. Multiplication and Division.	Skit on Bodmas, Each group will represent the importance of Mathematical operations	Students will able to understand the numbers around us and how we will use numbers in daily life.
May	Measuring Surfaces	Perimeter of Rectangle & Square, Area of Rectangle, Square and irregular shapes by counting grids.	Display Board - A badminton court will be designed on a display board and its perimeter and area will be calculated.	Students will frame, ask and solve thoughtful problems.

June	Multiples and Factors	Understanding Multiples & Factors, Divisibility Rules, Prime and Composite Numbers, Prime Factorization, HCF by different Methods, LCM by different methods	Factorization, HCF by different Methods, LCM by different methods	Students whose roll number is a multiple of 2 will be asked to stand. Students whose roll number is a multiple of 3 will be asked to stand. Concept of LCM will be explained.
	Whole and Parts	Types of Fractions, Equivalent Fraction, Reducing Fractions to its lowest term, Comparing & Ordering Fractions, Addition, Subtraction, Multiplication and Division of Fractions.	To show the comparison between like fractions by paper folding using identical rectangular strips of paper. Material Required: 5 identical rectangular cutouts, ruler, colour pencils.	Students will use their knowledge of fractions to solve everyday problem
July	Decimal Fractions	Understanding Tenths, Hundredths & Thousandths, Converting fractions to decimals and decimals to fractions. Equivalent Decimals.		Representation of decimals on number line.
August	Operations with Decimals	Equivalent Decimals. Comparing and Ordering of Decimals. Addition, Subtraction, Rounding off Decimals	Discussing the daily life problem based on the concept of Direct and Inverse Variation.	Students would be able to- State the definition of direct and inverse proportions Construct different quadrilateral using compasses and straight edge.
September	Symmetry	Symmetry, Patterns, Turns, Tessellations	To find lines of symmetry in a square, rectangle, and circle. Material Required: Cutouts of above shapes, ruler, pencil, fevicol	Students will be able to identify symmetrical figures.
October	Data Handling	Representing data as circle graph and Bar Graphs	Lab Activity: Make tangram by paper folding using 8 x 8 grid. Calculate the area of each polygon	Students will interpret meaningfully the information depicted through pictures, bar charts, and circle graph.
	Measurement	Measurement of Length, Mass and Capacity, Estimating Measurement	Estimation of Measurement, Water in a tablespoon. Metre scale, Weight of an eraser, sharpener, etc.	Students will be able to understand how to measure different objects.
November	Measurement (contd.)	Units of Time, Conversion of units, Calculating Durations, time and- date, Temperature, and its units	Charts Activity	Students would be able to- Construct quadrilateral using the given dimensions.
	Revision	Class Test.		
December	Revision And Annual Examination			

Subject: Science

MONTH	UNITS/ LESSON	LEARNING OBJECTIVES OR SUBTOPICS	ACTIVITY	LEARNING OUTCOMES
Feb and March	L-1 Plants: Increasing the numbers	Students will learn various stages of germination of seeds and ways of seed dispersal.	Experiments: Condition required for germination of seeds. Take some dry gram seed in four plates and keep them under different conditions.	The learner will ● find out the conditions necessary for germination. ● learn various stages of germination. ● about the various ways of dispersal of seeds. ● about the preparation of crops for consumption.
	L-2 Food And health	The importance of balance diet, keeping fit and common diseases	Activity: Divide in the groups of three(vitamin A, Vitamin B, Vitamin C).Each group will find out the details of food items that are rich in that particular vitamin, diseases caused by the deficiency of that vitamin and its symptoms	Understand the importance of a balanced diet. ● suggest ways for health and hygiene.
April	L-3 Safety and First aid	Students will learn the importance of first aid, road signs, how to handle common emergencies.	1. Make a first aid kit for yourself. 2. Visit a fire station and find out the working of fire station and fire brigade	The learner will ●understand the importance of first aid. ●understand and identify road signs. ●learn to handle emergencies in daily life.
	L-4 Houses all around	Types of houses -Factors determining the types of house -Features of a good house	Activity: -Build a vocabulary related to the construction of houses (linked with English). - Draw a floor plan of your house (linked with Maths).	The learner will ● Establish the linkage among climate resources and type of house. ● Know points to be kept in mind before, during and after the construction of a house.
May	L-5 Solids, Liquids and Gases	-Properties of different states of matter - Expansion and compression -Solubility of solids and effect of temperature - Transparent, Translucent and Opaque (classification) -Physical & chemical changes	Experiment- To check if two liquids are miscible or not. Matter & states of matter Activity- To study the change in solubility due to change in temperature. Experiment- Solubility of substances	Experiment- To check if two liquids are miscible or not. Matter & states of matter Activity- To study the change in solubility due to change in temperature. Experiment- Solubility of substances
	L-6 Soil Erosion and its conservation	Identify factors that cause soil erosion and realize the harmful effects of soil erosion.	Comparative study of soil erosion in the following conditions- with plantation and without plantation.	On a map of India depict the different kinds of soil found in different parts of India (linked with S. St.)
June	L-7 Rock and minerals	-Soil erosion -Soil conservation	Experiments: To find out which substance are soluble or insoluble in water.	On a map of India depict the different kinds of soil found in different parts of India (linked with S. St.)
July	L-8 Animals Everywhere	-Different kinds of rocks -Minerals and their uses	Activity: Collect the information about the kind of rock that have been used in different rock sculpture around the world.	Locate coal mines of India on its map (linked with S.St.).

August	L-9 Our skeletal system	-Different ways in which animals breathe - Feeding habits of animals -Types of movements in animals	Activity: Make a group of four. Find the information on five migratory birds and five migratory mammals.	Activity: -Describe characteristics of any one animal in four or five lines (linked with Sanskrit).
September	L-10 Our Nervous system	-Organ system -The skeleton -Joints, muscles and movements	Draw a picture to show how message are sent and received in our body.	Practice of some joint and muscle strengthening exercises (linked with Yoga).
	L-11 Force and Energy	The brain -The spinal cord -Nerves -Sense organs	Project: With the help of ice-cream sticks make a skeleton of human body on an A-3 sheet.	Activity: -Make a PPT on how to take care of our sense organs (linked with ICT).
October	L-12 Our life supports	-Force and its types -Simple Machines - Energy and its forms	Make a table to record the different activities we do in our day to day life and types of forces involve.	PEC Card: 19 – What will float and what will sink.
	L-13 Our earth's natural satellite	Atmosphere -Air -Water	Light a candle and cover them with three different size of glass and record your findings in experiments.	Activity: -Rendition of the famous song, 'Ganga Tum Behti Ho Kyun' sung by Bhupen Hazarika (linked with Music).
November	L-14 Natural disasters	-Moon -Eclipses of the sun and moon - Artificial satellites	Project: make a group of five and make a model of earth, moon, and sun to show lunar eclipse and solar eclipse	Activity: Watch a space movie like Mission Mangal or Zathura (linked with Gk/VE/Library).
	L-15 Changes in our environment	Types of natural disasters	Project: Make your own water filter using a plastic bottle, pebble, gravels and sand.	Explore about Self Reliant India in terms of Predicting Disasters Art Integration: Make a "best out of waste" folder and decorate it. Theme: Save Environment/Green Environment
December	REVISION AND ANNUAL EXAMINATION			

Subject: Social Studies

MONTH	TOPIC	SUB TOPICS	LEARNING OUTCOME	INNOVATIVE PEDAGOGY/ ART INTEGRATION/ INTER DISCIPLINARY APPROACH	MAP WORK / ENRICHMENT ACTIVITY
March	HISTORY How, When and Where	<ul style="list-style-type: none"> - How important are the dates? - What is colonial Sources of modern Indian history Official records and surveys	Familiarize students with the proper order of historical events	Diagrammatic representation of events in the form of historical timeline	Map work on annexation
	HISTORY From Trade to Territory	<ul style="list-style-type: none"> - East India company comes east - The battle of Plassey and buxar - Annexation policies - Tipu Sultan -The doctrine of lapse 	To learn about the outstanding personalities remembered for their contribution		Map work on annexation
	SOCIAL AND POL. LIFE The Indian Constitution	Why a country does need a constitution? The Indian Constitution: Key features	To give an insight into some aspects of the constitution.	Prepare a poster and write and speak on the Preamble of the Constitution.	
April	GEOGRAPHY Resources	Resources-Meaning Types of resources Conservation of Resources	To clear concept on resources their meanings types and importance.	Make a pictographic poster on the different types of resources.	
	HISTORY Ruling the countryside	Major land revenue settlements Crops for Europe Indigo cultivation: methods and problems The "Blue Rebellion" and After	To understand that British Raj established their strong hold on Indian land through the system of zamindars who exploited the poor peasants.		
May	SOCIAL AND POL. LIFE Secularism	Secularism and the Indian Constitution. Why is it important to separate religion from the state?	To provide knowledge on one of the most crucial pillar to support democracy.		Poster on Secularism
	GEOGRAPHY	Land use and conservation	To offer an elaborate view of natural	Discussion and debate of the	Diagram: Soil

	Land, soil, water, natural vegetation and wildlife resources	Factors of soil formation Degradation of soil and conservation measures Problems of water availability and conservation Distribution of natural vegetation Conservation of natural vegetation and wildlife	resources	types of species.	profile Map work related to the chapter
June	HISTORY Tribals, Dikus and the Vision of Golden Age	Tribal lifestyles in the 19th cent. Impact of colonial rule on tribals Birsa Munda	To throw light into the various tribal movements and uprisings brought on by the exploitations of the British rule		
	When People Rebel 1857 and After	- Causes of the revolt - Outbreak of the revolt - Reasons for its failure. Outcome of the revolt	To understand the events that mark the beginning of the people's uprising		Map work on important centres of revolt.
	- SOCIAL AND POL. LIFE - Why do we need a Parliament?	- Why should people decide? - The role of the Parliament - Who are the people in Parliament?	- To provide the required knowledge on Parliament and how it is considered the single most crucial pillar to support democracy	-	-
July	- HISTORY - Colonialism and the city	- Shahjahan Abad - Making of New Delhi	- To understand how the British Raj began in India	-	-
	- SOCIAL AND POL. LIFE - Understanding Laws	- Do laws apply to all? - How do new laws come about? - domestic violence	- Understand the laws of the country, their importance and how they are made	-	- Design a poster on gender equality.

	<ul style="list-style-type: none"> - Judiciary 	<ul style="list-style-type: none"> - Unpopular and Controversial laws. - The role of the Judiciary. - What is an independent judiciary? - Structure of courts in India - Different branches of legal system 	<ul style="list-style-type: none"> - To understand about the body of government responsible for making and upholding laws for smooth and unbiased functioning of the democratic system 	<ul style="list-style-type: none"> - Legal procedures should not involve a lot of money and paper work:Discuss and debate 	-
	<ul style="list-style-type: none"> - GEOGRAPHY - Minerals and Power Resources 	<ul style="list-style-type: none"> - Types of minerals - Distribution of minerals: world & India - Uses of Minerals - Conservation of Minerals - Power Resources: Conventional and - Non-Conventional 	<ul style="list-style-type: none"> - To learn about valuable minerals and places where they are found 	-	<ul style="list-style-type: none"> - Map dictation on: World distribution of Iron, copper, bauxite, mineral oil and coal
August	<ul style="list-style-type: none"> - HISTORY - Civilizing the 'Natives', Educating the Nation. - Weavers, Iron Smelters and Factory Owners 	<ul style="list-style-type: none"> - The tradition of Orientalism - System of Education in Pre British period - The agenda for a National 	<ul style="list-style-type: none"> - To understand how the British people viewed Indian education and forced a change towards a more westernized system - To know about the two industries i.e textiles and iron and steel that were forbearers of industrial revolutions 	<ul style="list-style-type: none"> - Diagrammatic representation - of events in the form of historical timeline 	-
	<ul style="list-style-type: none"> - SOCIAL AND POL. LIFE - Understanding our criminal justice system 	<ul style="list-style-type: none"> - Role of Police - Role of the Public Prosecutor - Role of the Judge - What is Fair trial? 	<ul style="list-style-type: none"> - To understand the role of a public prosecutor, judges and fair trial 	-	-
	<ul style="list-style-type: none"> - GEOGRAPHY - Agricultural practices 	<ul style="list-style-type: none"> - Farm system - Types of farming - Major crops - Agricultural development - A farm in USA & 	<ul style="list-style-type: none"> - To know about all different types of farming and resources that are obtained from agricultural activities 	<ul style="list-style-type: none"> - Preparing a collage on a farm in USA and India 	<ul style="list-style-type: none"> - Map work on – World distribution of arable land

		India			
September	HISTORY Women, Caste, and reforms	<ul style="list-style-type: none"> - Working towards change - Caste and Social reform. - Major Reformers and reform movements 	<ul style="list-style-type: none"> - To understand the various social reforms on caste and women brought on by British Raj 	-	-
	SOCIAL AND POL. LIFE Understanding Marginalization	<ul style="list-style-type: none"> - Who are Adivasis? - Adivasis and development - Minorities and Marginalization 	<ul style="list-style-type: none"> To understand the idea of social exclusion and - its ill effects on society at large 	<ul style="list-style-type: none"> - Discuss and debate: Why do we need safeguards for minorities? 	-
	Confronting Marginalization	<ul style="list-style-type: none"> - Invoking Fundamental Rights - Laws for the marginalized - Protecting the rights of Dalits and Adivasis - Articles 15 & 17 - Adivasis demands and the 1989 Act 	<ul style="list-style-type: none"> Understand the ways in which our government has provisioned for the safety and survival of the marginalized groups 		-
	<ul style="list-style-type: none"> - GEOGRAPHY - Industries 	<ul style="list-style-type: none"> - Classification of industries - Factors affecting location of industries - Industrial system - Distribution of major industries 	<ul style="list-style-type: none"> - To understand about the types, classification and location of industries in India 	<ul style="list-style-type: none"> - Discover the changes caused by the industrial revolution 	<ul style="list-style-type: none"> - Map work- World's industrial regions
October	HISTORY - The making of the National Movement : 1870s-1947	<ul style="list-style-type: none"> - The emergence of nationalism - The growth of Mass Nationalism. - Advent of Mahatma Gandhi - The Rowlatt Satyagraha - Khilafat agitation and non-cooperation movement - The March to Dandi - Quit India and later 	<ul style="list-style-type: none"> - To know about the reforms that were brought by the British government which led to the start of nationalism 	-	-
				<ul style="list-style-type: none"> - To understand the concept and 	-

	SOCIAL AND POL. LIFE Public Facilities	<ul style="list-style-type: none"> - Water and the people of Chennai - Water : Right to life - Public facilities - The government's role 	importance of public facilities provided by the government		
	GEOGRAPHY Human resources	<ul style="list-style-type: none"> - Distribution and Density of population. - Factors affecting distribution of population - Population Change - A new and divided nation - Population composition 	- To provide in depth knowledge of the world's demographic model	- Map work on distribution of population	- Diagrams of population pyramids
November	HISTORY India after Independence SOCIAL AND POLITICAL LIFE Law and social justice	<ul style="list-style-type: none"> - A new and divided nation - A Constitution is written - How were state to be formed - Planning for development - The nation, sixty years on - Bhopal gas tragedy - Enforcement of safety laws - New laws to protect the environment 	<ul style="list-style-type: none"> - To know about the reforms that were brought by the government which led to the beginning of development - Understand the ways in which our government has provisioned for the safety and survival of workers 	-	-
December	- REVISION FOR ANNUAL EXAMINATION -				

Subject: Computer

MONTH	TOPIC	SUB-TOPICS	OBJECTIVES/LAB PRACTICALS/ACTIVITIES	LEARNING OUTCOME	INNOVATIVE PEDAGOGY/ONLINE LEARNING
March	L-1 : Computer Network	<ol style="list-style-type: none"> 1. Communication 2. Computer Network 3. Types of Networks 4. Network Hardware 5. Communication Channels 6. Network Architecture 7. Network Topology 8. Protocol 	<ul style="list-style-type: none"> -Installation of LAN - Working of BUS, STAR, RING Topology. - Resource Sharing i.e Data and Information, Hardware, and Software Sharing. 	Students will be able to understand about the different concepts of Networking and Protocols related to Networking	Presentation will be shown in class for explaining the topic
April	L-2: Ms- Acces Creating Databse	<ol style="list-style-type: none"> 1. Database 2. Microsoft 3. Starting Access 2016 	<ul style="list-style-type: none"> -Creating a Dance Database. -Creating a Blank Database -Creating New Table - Adding Record to a Table - Design a Address Database using MS Access 2016 contains fields Contact_ID,First_Name,Last_Name,Address,City,Phone.DOB 	Students will get a concept of Database and its relevance in software development.	Art Integration Activity: Prepare a vector image using Tools in Inkscape on Pollution caused by Industries in India. Hands on learning with a live demonstration of creating a database and setting properties. Students to exhibit their task by sharing the screen
May	L-3: Table And Forms	<ol style="list-style-type: none"> 1. Working with Database Table 2. Filtering Data 3. Creating Relationship between Tables 4. Different views in Access - Defining the Primary key in the Table 5. Working with Tables in Datasheet and Design view 6. Setting Field properties in Design view 7. Creating Forms 	<ul style="list-style-type: none"> - Create a Form to add records in the Personal Detail table of the employee database. -Create a table using the Datasheet View, containing fields i.e Roll No, First Name, Last Name, Address, DOB, Phone No, Postal Code 	Students will get a clear understanding of the importance of Forms and Reports and how to set relationship between tables.	Practical Demonstration of Activity for creating Tables and Forms.
June	L-4: Access- Query & Report	<ol style="list-style-type: none"> 1. The Query 2. Creating a Query 	<ul style="list-style-type: none"> -Create a table' Employee' in Design View and enter data i.e Emp No., Emp 	Students will be able to create a Query based on a criteria and	Practical Demonstration and explanation of Query

		3. Understanding Query Options- Using Criteria in Query, Sorting Data in Query 4. Creating Report	Name, Designation, Pay- Scale. - Create a Report of Salary Table of the employee database	sort the same	and Report on a given table.
July	L-5: Ink space – Vector Designing	1. Introduction to Cloud Computing 2. Google Docs 3. Google Drive	-How to make account in Gmail. - Work on Google Docs -How to use Google Drive -How to upload file on drive and download file from drive	Students will be able to understand how to work on Inkscape and using tools in Inkscape. Working with curves and Project on Saving and drawing Different shapes in Inkscape. Working with curves and Project on Saving and drawing Different shapes in Inkscape.	Students will be preparing a Symbol of WI-Fi signal using Inkscape.
August	L-6: Cloud Computing	1. Introduction to Cloud Computing 2. Google Docs 3. Google Drive	-How to make account in Gmail. - Work on Google Docs -How to use Google Drive -How to upload file on drive and download file from drive	Students will be able to corelate Cloud Computing with the present scenario of online teaching, saving and accessing their task on the Cloud. They will also gain knowledge of Google Docs and Google Drive.	Live demonstration of Google Docs and Drive will be given to students for which they can practice simultaneously.
September	L-7: Google Apps	1. Introduction to Google 2. For Surfing and Research 3. For Staying in Touch 4. For Organizing Your Staff 5. For Working Smartly 6. For Watching, Listening and Playing 7. Google Devices	-Use of Google Apps i.e Gmail, Hangouts, Google, Allo, Deo,Blogger, Calender, Photos ,Google Crome, Google Maps, Google Translate, Google Search Engine, Google Assistant, Google Earth, Google Play Store, Youtube	Students learn about usage of appropriate and effective usage of Google Apps and the Google Devices in day to day life.	Presentation of Google apps using demonstration in the classes
October	L-8: Apps Development	1. Introduction to App 2. Android and iOS 3. Types of Apps 4. Categories of Apps 5. Working of Apps 6. Developing an App	-Create an app on Computer Parts: Add a background image to the screen and six buttons, namely,Parts of Computer, Input Device, Processing Device, Storage Devices, Output Devices and Back Button. If you click on any of the button, appropriate image should be opened with the spoken message regarding topic.	Students will be able to differentiate between Android and iOS platform and also understand the various categories and types of Apps	Development of App to Solve a Problem
November	L-9: Python- Introduction	1. Programming Language 2. Introduction to Python 3. Character Set	-Write a program to any add two number in Python IDLE. -Write a program to find out the perimeter	Students will learn logic development, programming skills and basics of coding using	Programming in Python. Students to exhibit their work and demonstrate the

		<ul style="list-style-type: none"> 4. Token 5. Comments 6. Statements 7. Data Types 8. Defining Input and Output in Python 9. Error Handling in Python 10. Programs in Python 	<p>and semi-perimeter of a triangle.</p> <ul style="list-style-type: none"> -Write a program to find out the area and circumference of circle. - Write a program to find out the area and perimeter of Rectangle. 	Python	coding in Practical class.
December	L-10: Control Structures	<ul style="list-style-type: none"> 1. Control Structure 2. Control Structures 3. Loop Control Structures 4. Break statement 5. Continue Statement 	<ul style="list-style-type: none"> -Write a program to add natural numbers (1+2+3+.....+n) -Write a program to find whether given number is odd or even. -Write a program to calculate the discount for the price given by user. -Write a program to display multiplication table of any number given by the user. 	Students learn about the use of control structures, loop conditions, break statements.	Demonstration of usage Control structures and conditional statements.