

Syllabus for Academic Session: 2022-23

Class: VII

Subject: English

MONTH	COURSE BOOK/ WORK BOOK	GRAMMAR/SKILL ASSESSMENT	LEARNING OBJECTIVES	ACTIVITY/ LEARNING OUTCOMES.
March	Course book Ch-1 Of Magic Lamps and Genies Course book Ch-2 On the Grasshopper and Cricket	Determiners Tenses Notice writing	To enable the students to understand the passage and grasp its meaning To enable the students to recite the poem with correct pronunciation	<ul style="list-style-type: none"> • Students would be able to – • Comprehend • Correlate • Critically evaluate the text • To be able to use Determiners and Tenses in sentences of their own and learn the correct usage of Adjectives
April	Course book Ch-3The Luncheon Course book Ch- 4 Somebody’s Mother	Transitive and intransitive Diary entry	To enable the students to understand the passage and grasp its meaning To enable the students to recite the poem with correct pronunciation	<ul style="list-style-type: none"> • To read and appreciate poetry. To sensitize the learners to respect elders.
May	Course book Ch-5Father’s Help	Active and Passive Formal Letter	To enable the students to understand the passage and grasp its meaning	<ul style="list-style-type: none"> • To read other noble by Ruskin Bond
June	Course book Ch-6Binya’s Blue Umbrella Course book Ch-7Just Me	Active and Passive Formal Letter Modals	To enable the students to understand the passage and grasp its meaning To enable the students to recite the poem with correct pronunciation	<ul style="list-style-type: none"> • To improve the Vocabulary.
July	Course book Ch-8The Boy with a Catapult Course book Ch-9A drift at sea	Modals Poster Writing	To enable the students to understand the passage and grasp its meaning	<ul style="list-style-type: none"> • To sensitizes their attitude towards birds and animals • To learn the art of story telling

August	Course book Ch-10 As I Grew Older	Picture Composition	To enable the students to recite the poem with correct pronunciation	<ul style="list-style-type: none"> To sensitizes the students about racial discrimination
September	Course book Ch-11 The Face on the Wall Course book Ch-12 When the Furniture Went Mad	Kinds of Adverbs E-mail writing	To enable the students to understand the passage and grasp its meaning	<ul style="list-style-type: none"> To share their future dreams and ambitions. Comprehend Correlate
October	Course book Ch-13 All the World's a Stage Course book Ch-14 The Hunt	Reported speech	To enable the students to recite the poem with correct pronunciation To enable the students to understand the passage and grasp its meaning	<ul style="list-style-type: none"> To infer the contextual meaning of the text To read the novel.
November	Course book Ch-15 Shillong: the Rock Capital of India Course book Ch-16 To be a Lady	Integrated Grammar Story writing	To enable the students to understand the passage and grasp its meaning	<ul style="list-style-type: none"> To develop critical appreciation and read the original play To develop their confidence and express themselves through enactment.
December	Final Term			

विषय – हिन्दी

मास / दिन	पाठ का नाम साहित्य खण्ड	व्याकरण तथा रचनात्मक लेखन	शिक्षण अधिगम के प्रतिफल	नवीन शिक्षण युक्तियां कला एकीकरण अंतर्विषयी दृष्टिकोण	गतिविधि परियोजना
मार्च अप्रैल	हम पंछी उन्मुक्त गगन के दादी मां ; कहानी	भाषा, लिपि तथा व्याकरण, वर्ण –विचार अनेक शब्दों के लिए एक शब्द , अनेकार्यक शब्द, विलोम शब्द पर्यायवाची शब्द अनौपचारिक पत्रा, अपठित गद्यांश	आधुनिक काव्यधरा से संक्षिप्त परिचय, स्वतंत्रता की महत्वा का प्रतिपादन गद्य विद्या के अंतर्गत कहानी विद्या से संक्षिप्त परिचय पारिवारिक मूल्यों का पल्लवन। शिल्पगत सूक्ष्मताओं से परिचय। व्यावहारिक व्याकरण का ज्ञान। भाषा की संरचनात्मक विशिष्टताओं से परिचय।	आदर्श अनुतानमय वाचन एवं स्पष्टीकरण, व्यावहारिक अनुभवों का आदान-प्रादान, जीवन-सापेक्ष अनुभव, काठिव्य निवारण, मन न – चिंतन, पारस्परिक रसास्वादन, आगमन – विधि	हिन्दी महीनों का चक्र- छात्रा संबंधित जानकारी एकत्रा एवं कक्षा में मौखिक रूप से प्रस्तुत करेंगे

			प्रभावोत्पादक अभिव्यक्ति हेतु सक्षमता का प्रतिपादन		
मई	कठपुतली ;कविताद्ध मिठाईवाला;कहानी	लिंग, वचन, कारक, उपसर्ग- प्रत्यय अनेक शब्दों के लिए एक शब्द, अनेकार्थक शब्द	आधुनिक काव्यधरा से संक्षिप्त परिचय,स्वतंत्रता की महत्वा का प्रतिपादन गद्य विद्या के अंतर्गत कहानी विद्या से सक्षिप्त परिचय पारिवारिक मूल्यों का पल्लवन। शिल्पगत सूक्ष्मताओं से परिचय।	आदर्श अनुतानमय वाचन एवं स्पष्टीकरण, व्यावहारिक अनुभवों का आदान-प्रादान, जीवन-सापेक्ष अनुभव,	दूसरो को प्यार देने सेअपने मन का दुख कम हो जाता है। कक्षागत अनुभव प्रस्तुति पापा खो गए पाठ को नाटक रूप में वाचन।
जून	पापा खो गए	विलोम शब्द	व्यावहारिक व्याकरण का ज्ञान। भाषा की संरचनात्मक विशिष्टताओं से परिचय।		
जुलाई	रक्त और हमारा शरीर	पर्यायवाची शब्द , अनुच्छेद-लेखन ,अपठित गद्यांश	प्रभावोत्पादक अभिव्यक्ति हेतु सक्षमता का प्रतिपादन	काठिव्य निवारण, मन न – चिंतन, पारस्परिक रसास्वादन, आगमन -विधि	रक्तदान- शिविर विज्ञापन-लेखन
अगस्त	चिडीया की बच्ची	संवाद -लेखन, अपठित गद्यांश	व्यावहारिक अनुभवों का आदान प्रदान, जीवन- सापेक्ष अनुभव, काठिन्य- निवारण, मन न चिंतन, पारस्परिक चर्चा परिचर्चा	व्यावहारिक अनुभवों का आदान प्रदान, जीवन- सापेक्ष अनुभव, काठिन्य- निवारण, मन न चिंतन, पारस्परिक चर्चा परिचर्चा	पशु पक्षी की चर्चा
सितम्बर	कंचे	अनुच्छेद लेखन हिंदी दिवस कारक चिह्न		आदर्श अनुतानमय वाचन एवं स्पष्टीकरण, व्यावहारिक अनुभवों का आदान प्रदान जीवन सापेक्ष अनुभव, काठिन्य –निवारण, मनन- चिंतन, पारस्परिक चर्चा- परिचर्चा आगमन विधि काव्य का रसाखदन	' अप्पूने कंचे क्यो खरीदे' ईदगाह के हामिद के साथ तुलना करते हुए चर्चा परिचर्चा
अक्तुबर	खानपान की बदलती तसवीर : निबंध मोर और बारखा ;कविता		गद्य विद्या के अंतर्गत निबंध विद्या से सक्षिप्त परिचय, भारतीय जीवन में आए इस बदलाव के प्रति जागरण। पद्य विद्या की मध्ययुगीन, कृष्ण		'कला – एकीकृत बहु विषयक

		अनेक शब्दों के लिए के एक शब्द विलोम शब्द , चित्रा के आधार पर कहानी लेखन अनुच्छेद लेखन अपठित गद्यांश	काव्यधरा से परिचय व्यावहारिक व्याकरण का ज्ञान ।	आर्दश अनुतानमय वाचन एवं स्पष्टीकरण, व्यावहारिक अनुभवों का आदान प्रदान जीवन सापेक्ष अनुभव, काठिन्य –निवारण, मनन– चिंतन, पारस्परिक चर्चा–	गतिविधि एवं प्रस्तुति भारत के महान ऐतिहासिक स्थलों एवं मंदिरों के आया पर कक्षागत प्रस्तुति
नवम्बर	वीर कुंवर सिंह संघर्ष के कारण मैं तुनुकमिजा न हो गया	विराम–चिह्न तत्सम तद्भव; अद्य अग्निद्ध समरूपी भिन्नार्थकशब्द , मुहावरे , औपचारिक पत्रा विज्ञापन– लेखन अपठित गद्यांश	गद्य विद्या के अंतर्गत साक्षात्कार– विद्या से सक्षिप्त परिचय, धनराज के जीवन से प्रेरणा ।व्यावहारिक व्याकरण का ज्ञान । प्रभावोत्पादक अभिव्यक्ति हेतु सक्षमता का प्रतिपादन	आर्दश अनुतानमय वाचन एवं स्पष्टीकरण, व्यावहारिक अनुभवों का आदान प्रदान जीवन सापेक्ष अनुभव, काठिन्य –निवारण, मनन– चिंतन, पारस्परिक चर्चा– आगमन विधि	यदि आप सन् 1857में होते तो क्या करते एक विचार

Subject: Maths

MONTH	UNITS/ LESSON	LEARNING OBJ.OR SUB TOPIC	PRACTICAL/ACTIVITY	LEARNING OUTCOMES
March	Integers Fractions and Decimals	Properties of integers under addition, subtraction, multiplication and division. , Word Problems Addition, subtraction, multiplication and division of fractions. , Basic operations on Decimals. Word problems.	LAB ACTIVITY: Multiplication of Decimal numbers using graph sheets. Visualize operations between fractions. Generalize shortcuts to perform various operations in fractions. Comprehend and analyze the word problems involving fractions.	Students would be able to-Perform various operations on integers. Comprehend and analyze the word problems involving integers.
April	Data Handling Simple equations	Mean, median and mode of ungrouped data. Solving a simple equation	LAB ACTIVITY: Make a group of 6 students. Each Students will roll the dice 100 times and will make a tally marking table of outcomes. Compile the result of the group at the end. Now check if it fulfills the criteria of equal likely events LAB ACTIVITY: Solution of a given linear equation by tiling method. (Art integrated activity)	Students would be able to-Organizing the data. Judging the best way of finding the central tendency. Finding central tendency of data. Draw double bar graph and interpret them. Calculating probability of an event in various situations. Students would be able to Transpose values from one side of the equation to the other side of equation.
May	Exponents and Powers	Laws of Exponents Standard form		Students would be able to Convert a number in exponential form. State various laws of exponents. Solve mathematical problems involving powers.
June	The Triangle and its Properties	Angle sum property , Exterior angle property , Pythagoras theorem	LAB ACTIVITY: 1.To verify that sum of all the interior angles of a triangle is 180° by paper cutting and pasting. 2.To verify the exterior angle property of a triangle.	Students would be able to Illustrate angle sum property and exterior angle property of triangle. State Pythagoras theorem Apply Pythagoras theorem in various problems.
	Visualizing solid shapes. (Activity based chapter	Isometric Sketches and Oblique sketches	LAB ACTIVITY: Verify Pythagoras theorem by paper cutting and pasting.	Students would be able to – Understand the need of Isometric Sketches and Oblique sketches and will be able draw these sketches for given objects
July	Perimeter and Area	Perimeter and area of Triangle and parallelograms. Area of circles, applications (Area of cross	LAB ACTIVITY: (Sports Integrated) The shot put is one of the track and field games. Search about the circles and shots used in the game. Are these same for	Students would be able to- Calculate the area and perimeter of different diagrams using formulas

		roads by paper cutting method)	men & women? Activity: Find the ratios of diameters and areas of the circles used in both the categories.	
	Symmetry	Lines of symmetry, Rotational symmetry	PROJECT WORK: (Integrated with Sustainable Development and Computer Science)	Students would be able to- Find the line of symmetry or the order of rotational symmetry in any real-life object.
August	Practical Geometry	Construction of triangles		Students would be able to- Constructs simple triangles when three out of six elements are given (like three sides, two sides and included angle, a side and two angles etc
	Congruence of Triangles	Concept of congruence of triangles.	Criteria of congruence and specific conditions of triangle constructions are same because these all lead to unique triangles.	Students would be able to- Identify congruency in two objects. Establishes congruence criterion for triangles. Appreciates that only three elements of two triangles are sufficient to find their congruence. Judge if the given two triangles are congruent
September	Comparing Quantities	Application of percentage. Profit and Loss ,Ratio to %, Simple Interest.	Relating the concept to the real life	Students would be able to- Find ratio between two quantities.
	Lines and Angles	Pairs of angles Parallel lines and transversal.	QUIZ ON THE CONCEPT: Before starting the exercise take as many quizzes and oral tests as possible to make sure that the students have adapted the new terminology.	Students would be able to Recall the name of the relation in Two given angles. Find the value of required angle. Justify if the given lines are parallel.
October	Algebraic Expressions	Terms related to Algebraic expressions. Operations on algebraic expressions	LAB ACTIVITY: Addition and subtraction of algebraic expressions by tiling method. (Art integrated activity)	Students would be able to-Add and subtract to given algebraic expressions. Find the value of algebraic expression if value of variable is given. Producing formulas and rules using algebraic expressions.
November	Rational Number	Rational Number to simplest form. Sum of rational number, Representation etc.		Students will be able to understand about rational numbers.
December	REVISION & ANNUAL EXAMINATION			

Subject: Science

MONTH	UNITS/ LESSON	SUB TOPICS	LEARNING OBJECTIVES OR SUBTOPICS	ACTIVITY	LEARNING OUTCOMES
Feb & March	Nutrition in plants	Autotrophic mode, heterotrophic mode, saprotrophs, replenishing nutrients	Mode of nutrition - replenishing of nutrients	Photosynthesis in plants	Students will be able to rstand various mode of nutrition in plants and animals
	Nutrition in animals	Nutrition in Hydra, Amoeba, Frog	Mode of nutrition in animals like Hydra, Amoeba, Frog	Test of starch & oil etc.	
April	Structure of matter	Elements and compounds, mixtures, symbols, formulae, and chemical equations	Elements, compounds. - mixtures, symbols & formulae, chemical equation	Formation of mixture and compound of Sulphur and iron fillings	Students will be able to understand the difference between the elements, compounds, and mixtures
	Animal fiber	Fiber and its types	Fibers and its types - properties & uses	To be only discussed in class/summer holiday Hw- activity based learning	Will be able to identify the types of animal fiber
May	Heat And Its Effects	Heat, Effects of heat, Expansion in solids, liquids and gases Temperature and its measurement	Heat and its effects - Expansion in all three states	To observe and understand the use a thermometer and take readings.	Understand how heat flows and its effects
June	Flow Of Heat	Conduction, Convection Radiation	Conduction, convection, and Radiation with their applications	To observe in day to day -the three process of heat flow	Students will be able to Understand and differentiate the three different processes
	Acid Bases and Salts	Types of Acids, bases, and Salts. and their important properties. Uses of salts Standard units, measurement of time, speed uniform motion, non-uniform motion, distance —time graph	identify the three different substances acid, base, and salts on basis of properties.	Activities 1. To test lemon 2, Soap Water 3. Common salt	Students will be able to identify the three different substances acid, base, and salts on basis of properties
July	Physical and Chemical Changes.	Physical and Chemical Changes, Characteristics of a chemical reaction Types of chemical reactions	Chemical and physical changes -characteristics of a chemical reaction Types of a chemical reaction	ART INTEGRATED PROJECT ACTIVITY To research and prepare a project research article on few National Monuments/ landmark which have undergone chemical degradation. (Integrated with languages, Social sciences, Dance, Music and Maths)	Chemical and physical changes - characteristics of a chemical reaction Types of a chemical reaction
	Weather, Climate and Adaptation	Weather, Climate Factors Effecting Weather & climate. Climate & Adaptation of both plants and animals	Weather and Climate Factors Adaptation in animals and plants	ACTIVITY BASED LEARNING Using the Cutting, making collage of different weather patterns	Weather and Climate Factors Adaptation in animals and plants
August	Soil	Composition & Formation of soil. Types of soil, Properties of Crops and soil.	Soil and its types Properties of soil Crops /soil	Water retention capacity of soil. - Measuring percolation rate	Soil and its types Properties of soil Crops /soil
	Respiration	Respiration in plants and animals. Respiration in humans and types of respiration	Importance of respiration in plants and animals, humans. - Aerobic and anerobic respiration	Students will perform few breathing exercises and know their breathing capacity and learn to exhale and inhale fully to improve their health.	Importance of respiration in plants and animals, humans. -Aerobic and anerobic respiration
September	Transportation on of materials in plants and animals	Transportation of materials in Plants, and in Animals, Excretion in animals and humans. excretory system	Importance of transportation of materials in both plants and animals	To provide various examples of day-to-day activity	Importance of transportation of materials in both plants and animals.
	Reproduction in plants.	Asexual reproduction in plants, vegetative artificial methods sexual reproduction	Reproduction and its types & importance	Spore Formation In Bread (hands on activity)	Reproduction and its types & importance
	Motion and Time	Motion and measurement Motion and time	Time period of a simple pendulum	Preparing simple pendulum and understanding the oscillatory motion	Time period of a simple pendulum
October	Wind Storms and Cyclones	Natural calamities Precautions and Preventions	Structure, Properties and specific characteristics	To provide various examples of day-to-day activity	Structure, Properties and specific characteristics

	Light	Rectilinear propagation of Light, Reflection of Light, Real and virtual image, Spherical mirrors, Lenses, Spectrum.	Rectilinear propagation of light Real and virtual images, mirror, lenses	To provide various examples of day-to-day activity	Rectilinear propagation of light Real and virtual images, mirror, lenses Spore Formation in Bread (hands on activity) To provide various examples of day to day
	Electric Current and Its Effects.	Electric current and circuit, Effects of Electric current, Electromagnet	Circuit and its components Electricity and electric currents Electromagnet	Preparation of a circuit. Activity Preparing a home water filter.	Circuit and its components Electricity and electric currents Electromagnet.
November	Water	Water and its conservation	WATER CONSERVATION ANNUAL EXAMINATION	To Prepare a poster with a strong message of 'Save water Save life'	WATER CONSERVATION
	Our Forests	Forest wealth, Producers, consumers and decomposers, and food chain. Balance In nature	Importance of Forests and its importance, Food Forest wealth, Food chain, Food web forest in our lives		Importance of Forests and its importance, Food Forest wealth, Food chain, Food web forest in our lives
	Waste -Water Management	Sewage Treatment. Class reading of chapters water and wastewater management	Circuit and its components Electricity and electric currents		Learn writing skill.
December	REVISION & ANNUAL EXAMINATION				

Subject: Social Studies

Month	Topic	Sub Topics	Learning Objectives	Objectives/Practical's / Activities	Learning Outcomes
March	What, where, how and when (HISTORY)	- Finding out what happened, What can we know about the past etc? What do dates mean?	- Familiarize the learner with the major developments to be studied. -Develop an understanding of the Historical terms used during the time frame.	Map Skills – Physical map of the subcontinent. Activity-Prepare a manuscript using palm leaf/birch bark/paper	Students would be able to - -Identify different types of sources and describe their uses in reconstruction of history of this period.
	Understanding Diversity (SOCIAL AND POL. LIFE)	-How do we explain diversity, Diversity and interdependence, India-A land of diversity, Unity in diversity	-To enable Learners to understand and appreciate various forms of diversity in their everyday environments, -Develop a sensitivity towards pluralism & interdependence	-Analyze diversity within the class using various identifiers	-Describes various forms of human diversity around him/her. -Develops a healthy attitude towards various kinds of diversity around them.
	The Earth in the Solar System (GEOGRAPHY)	Stars, Constellations Sun, Planets, The Earth, The Moon, Asteroids and Meteoroids	-To understand the unique place of the earth in the solar system, - Provides ideal condition for all forms of life	Prepare a Chart on solar system	-Students will learn about the Stars, Constellations, galaxy, Solar System, Planets, Moon, Asteroids, Meteoroids, Comets
April	Diversity and Discrimination (SOCIAL AND POL. LIFE)	- Prejudice - Creating stereotype - Inequality and Discrimination Striving for Equality	To learn how prejudice can lead to discrimination. Understand the difference between diversity & inequality Understand that the Constitution compels us to respect diversity.	Observe and make a list of examples of fair/unfair treatments to people in the family, school and society.	-Recognizes various forms of discrimination, understands the nature, and source of discrimination. -Differentiate between equality and inequality in various forms and to treat them in a healthy way.
	Motions of the Earth (GEOGRAPHY)	- Rotation and Revolution - -Summer Solstice and Winter Solstice	To enable students to understand about the motions of the Earth, Its significance.	-Drawing of diagrams: showing inclination of earth, Revolution of earth and seasons.	-Students to explain Rotation and Revolution of Earth .-Reasons for the occurring of seasons.
May	Globe : Latitudes and Longitudes (GEOGRAPHY)	- Different heat zones of the Earth - Longitude and time - Local time and Standard Time International Date Line	-To understand two motions of the earth and their Effect. To make learners how standard time is calculated.	Draw the diagram showing different heat zones of the earth. ACTIVITY- Students to make a model of Globe using waste materials available at homes.	Students will be able to : -Understands the earth is a unique celestial body due to existence of life. -Define Parallels of latitudes and meridians of longitudes. -Will be able to calculate the standard time for various countries.
	What is Government? (SOCIAL AND POL. LIFE)	-Need and levels of government -Laws and the government - Types of government	-To enable learners about Government & why government is required. -Need to make decisions with collective sanction.	Make a table showing the works done by Local, State and Union.	-The role of government, especially at local level. - Levels of the government Local, State and Union.

June	From Hunting-Gathering to growing food (HISTORY)	<ul style="list-style-type: none"> - Early people and Nomadic Life, Stone Age Making stone tools, Discovery of fire, Rock paintings - Humans as domesticators of animals or herders - Towards a settled life - customs and practices Mehrgarh 	To Make Learners- Identify stone artefacts as archaeological evidence, Making deductions from them. - Appreciate the diversity of early domestication. Identify the material culture generated by people in relatively stable settlements.	MAP SKILLS-On important Archaeological sites. ACTIVITY: Making of Stone tool with the materials available at home and a brief presentation about the same Activity: Torch and globe Showing revolution of the earth and seasons.	<ul style="list-style-type: none"> -Identify and locate the Archaeological sites. -Learn the technique of making stone tools. -Students to recognize the effects of the introduction of farming and herding. -Identify archaeological evidence of early crops, animals, houses, tools and pottery.
	In the Earliest cities (HISTORY)	<ul style="list-style-type: none"> - The story of Harappa -Decline of the Indus Valley Civilization -Harappan towns in Gujarat 	Enable learners to identify the distinctive life in cities. -Understand how this is used to reconstruct processes such as craft production.	Map Skills: On an outline map of India Locate the important Harappan sites.	-Students to Recognize distinctive features of Early human cultures and Explain their growth.
	Key elements of a Democratic government (SOCIAL AND POL. LIFE)	<ul style="list-style-type: none"> - Ending of racial discrimination -Ways of participation Equality and justice 	-Recognize the need for universal adult franchise, -Understand key elements that influence the functioning of democracy.	-Group Discussion on the need of Elections.	-Understand the need to exercise their vote. - How as citizens they can work with their government for an effective democracy.
	Maps (GEOGRAPHY)	<ul style="list-style-type: none"> - Essential component of a map - Types of maps - Uses of maps 	To introduce the basic skills of map reading. Give Students elementary knowledge about Map, Sketch and Plan.	-Draw a plan for your school building .-Draw a sketch showing route from your school to home.	-To describe Essential components of map. -Recognize the Uses of map.- Use of scale, symbol and direction accurately.
	What books and burials tell us (HISTORY) (TO BE TAKEN AS PROJECT WORK)	The Vedas: Rig- Veda: Prayers and Battles -What skeletal studies tell us - - Story of the Megaliths	-Introduce simple strategies of textual analysis of ancient times.	Students to make a project file on Special burial at Inamgaon.	-To appreciate Different developments taking place in Different parts of the subcontinent.
July	Major Domains of the Earth (GEOGRAPHY)	<ul style="list-style-type: none"> - Lithosphere - Hydrosphere - Atmosphere Biosphere 	To tell about the 4 realms of the earth: lithosphere, hydrosphere, atmosphere and biosphere: continents & oceans. To understand interrelationship of the realms of the Earth.	-Diagrams- Water cycle and Layers of atmosphere.	<ul style="list-style-type: none"> -List the four spheres of earth. -Explain the characteristics of Lithosphere, Critical facts about hydrosphere, analysis of atmosphere and Biosphere.
	Kingdoms, kings and an early republic (HISTORY)	<ul style="list-style-type: none"> - How some men became rulers, Varnas, Janapadas and Mahajanapadas, - Taxes, Magadha and Vajji 	- Introduce the concept of the state and its varieties. Understand the use of textual sources in this context.	Map skills-On important Janapads & Mahajanapads. General Talk -Types of taxes paid by people.	-Students to recognize distinctive features of Early human cultures and Explain their growth.
	Panchayati Raj (SOCIAL AND POL. LIFE)	<ul style="list-style-type: none"> - Structure of Panchayati Raj Nyaya Panchayat 	-Understand local level of government functioning. Learn the workings of the Panchayati raj & appreciate - its importance.		-To Explain the structure of government at local level -Elucidate the duties and works of gram sabha and gram panchayat
	Vital Villages, Thriving Towns (HISTORY) (TO BE TAKEN AS PROJECT WORK)	<ul style="list-style-type: none"> -Iron tools, agriculture & irrigation -Finding out about the cities-stories, travellers, sculpture and archaeology coins 	To enable learners how to use archaeological material including coins, sculpture, as well as textual sources to reconstruct the histories.	Research work on village and town formation in ancient India.	<ul style="list-style-type: none"> -Demonstrate the variety of Early urban centres-coastal towns, capitals, religious centres. -illustrate the Use of archaeological sources like coins, sculpture & textual sources to reconstruct social and economic history.
August	New Questions and Ideas (HISTORY)	<ul style="list-style-type: none"> - The Upanishads - Jainism and Buddhism 	-Outline the basic tenets of these systems of thought, and the context in which they developed and flourished. -Introduce excerpts from sources relating to these traditions.	Story Telling- Jatak stories on the life of Buddha and Mahavira	<ul style="list-style-type: none"> -Students to describe the causes for the emergence of Buddhism and Jainism. -Narrate the cause for their acceptance by ordinary people. - Inculcate Important teachings of Buddhism and Jainism

	Rural Administration (SOCIAL AND POL. LIFE)	– How does rural administration work	To enable students to learn who performs what role within the local administration.	Make a list of at least 3 Acts that are amended to strengthen the position of women in society.	- How disputes are settled at village level -Role of police, Patwari and tehsildar.
September	Major Landforms of the Earth (GEOGRAPHY)	– Plateaus – Plains Mountains	Enable Learners to Understand Major relief features of the earth.- Mountains, Plateaus, Plains	Map skills-On a world political map Locate - Mountain ranges, plateau. - Diagrams- Fold, Block and Volcanic mountains.	-Students to define the Different Types of Landforms. -Identify and Locate the various Types of Landforms.
	Ashoka, the emperor who gave up war (HISTORY)	- Mauryan Empire -Alexander's Invasion -Mauryan administration -Ashoka's war in Kalinga – -Ashoka's Dhamma	Introduce the concept of empire and Dynasties - Show how inscriptions are used as sources.	Map skills-Locating important cities of Mauryan empire.	-List out the significant contributions of the important kingdoms, Dynasties with examples like Mauryan Empire.
	Urban Administration (SOCIAL AND POL. LIFE)	– Municipality and Municipal Corporation	Enable learners to understand how the various levels of administration at the local level & how are they interconnected.		To describe the role, works and functions of municipal corporation.
	Our Country-India (GEOGRAPHY)	– Extent, size and location Physical divisions of India	-To comprehend broad physiographic divisions of India.	. Map skills –India and neighbouring countries, rivers, mountains states and Union Territories	-Students to describe the geographical features of India. -Identify neighbouring countries on map. -Describe Physical divisions of India
	Vital Villages, Thriving Towns (HISTORY) (TO BE TAKEN AS PROJECT WORK)	-Iron tools, agriculture & irrigation – -Finding out about the cities-stories, travellers, sculpture and archaeology coins	To enable learners how to use archaeological material including coins, sculpture, as well as textual sources to reconstruct the histories.	Research work on village and town formation in ancient India.	-Demonstrate the variety of Early urban centres-coastal towns, capitals, religious centres. -illustrate the Use of archaeological sources like coins, sculpture & textual sources to reconstruct social and economic history.
October	Traders, kings and pilgrims (HISTORY)	– How to find about trade and traders – The story of the silk route – Spread of Buddhism Beginning of Bhakti	-Introduce the idea of different contexts of contact between distant lands, and the motivating forces. - Examine the implications of journeys within the subcontinent.	Map Skills: to understand the Silk Route. Discuss the basic ideas of Buddhism and changes in Buddhism.	-Introduce the ideas of contacts between faraway places and What makes them happen -Explore How textual and visual material is used to understand the histories between Different people.
	Rural Livelihood (SOCIAL AND POL. LIFE)	– – Life in rural and coastal areas	Students to learn about the life strategies of various groups of people in rural areas. Understand that opportunities for making a living are not equally available to all.	-Prepare a list on various sources of Rural Livelihood.	-Analyze the functioning of rural Local government bodies in sectors like health and education. Various occupations in rural areas.
	India-Climate, Vegetation and Wildlife (GEOGRAPHY)	– Factors Influencing Climate – Climate of India – Cycle of Seasons – Natural vegetation and Wildlife	To tell students about the influence of land, climate, vegetation and wildlife on human life. To develop the need for conserving natural vegetation and wild life.	ART INTEGRATED MULTIDISCIPLINARY PROJECT: To make a photo album (PPT/ Handmade) on any 5 species of migratory birds that come to India during winter Season.	-Students to recognize the Different Seasons in India. - Students to recognize the different type's natural vegetation. -to understand the Need for the conservation of forest and wildlife.
November	New empires and kingdoms (HISTORY)	– Prashant's and what they tell us – Harshvardhan and the Harsha Charita – - The pallavas, chalukyas and prashasti, – -Assemblies in southern kingdom.	To enable students understand the development of different administrative systems of ancient India. -Understand how prasastis and caritas are used to reconstruct political history.	Map skills on some important cities and kingdoms. Role play and storytelling on the events related to the life Harshvardhana	-Introduce the ideas that strategies of expansion and their logic differ -Explain the development of Different administrative systems.
	Buildings, paintings and books (HISTORY)	– The Iron Pillar -How were stupas and temples built? – Paintings – The world of books – Recording and	-Introduce excerpts from texts and visual material for analysis and appreciation.	Making of PPT on various stupas and temples of ancient India.	-Outlines significant contributions in culture and science viz. astronomy, medicine, mathematics and knowledge of metals.

		preserving old stories –Stories told by ordinary people – –Writing books on science			
	Urban Livelihood (SOCIAL AND POL. LIFE)	– -Life in urban areas	To enable learners understand conditions that underline and impact life strategies of various groups of people in cities Comprehend that these conditions and opportunities for making a living are not equally available to all.	Describe case studies of nearby localities in respect of occupations.	-Analyse the functioning of urban government bodies in sectors like health and education -describes factors responsible for availability of different Occupations undertaken in urban areas.
December	REVISION FOR FINAL EXAMINATION				

Subject: Computer					
MONTH	TOPIC	SUB-TOPICS	OBJECTIVES/LAB PRACTICALS/ACTIVITIES	LEARNING OUTCOME	INNOVATIVE PEDAGOGY/ONLINE LEARNING
March	L-1 : Computer Virus	1. Computer Virus 2. Malware 3. E-mail Virus 4. Ransom ware Virus 5. Antivirus Program 6. Precautions against Computer Virus	-Installation of Antivirus - Working of Antivirus	<ul style="list-style-type: none"> Students apply their knowledge in preparing a presentation on various examples of Computer Virus 	Concept of Computer virus, Malware and Ransomware will be given to the students using a Video
April	L-2: Number System	1. Introduction to Number System 2. Conversion to and from Number System 3. Bits and Bytes	-Convert Decimal to Binary -Binary to Decimal -Decimal to Octal -Decimal to Hexadecimal -Discover more on ASCII Code.	<ul style="list-style-type: none"> Students will be able to convert different positional number systems using various methods 	Calculation method to be used to explain Number system. Bits and Bytes will also be explained using placards
May	L-3: Gimp-Introduction	1. Introduction to GIMP 2. Starting GIMP 3. Working with GIMP 4. Using GIMP Tools 5. Color Modes 6. Filters in GIMP	-Opening GIMP and create three shapes—Red, Square, Blue Circle and Yellow Star in three different layers.	<ul style="list-style-type: none"> Students are able to learn about creative tools in GIMP 	Demonstration of concept of designing and creativity using GIMP software
June	L-4: Gimp-Layers And Filters	1. Layers in GIMP 2. Working with Layers 3. Saving a GIMP Image	-Project 1: Create a Collage -Project 2: Open an image of sky in GIMP, do following operations: -- Open New Layer Icon , open Balloon image and rename it Gas Balloon. -- Use any selection tool, select Balloon image. -- Click on copy from edit menu -- Back to the first image and select the layer (Gas Balloon) --Click on paste from Edit Menu.	<ul style="list-style-type: none"> Students will be able to create layers and work on different layers in GIMP 	Practical application and use of layers and advanced features in GIMP which will enhance creativity skills in students
July	L-5: E-Commerce & Blogging	1. E-Commerce, 2. E-Commerce Business Models 3. E-Retailing 4. Security Concern 5. Top-Commerce Website 6. Blogging	-How to purchase the products from E-Commerce Website i.e Flipkart, Amazon, Snadeal and Alibaba. -How to do Blogging on Blogger.com.	<ul style="list-style-type: none"> Learners will be able to understand the various concepts of e-commerce. 	Discussion on the meaning of ECommerce, types of E-Commerce Business Models & Security Concerns related to it Awareness of E-Commerce Websites. Class discussions on the understand ability of Blogging
August	L-6: Internet-Ethics & Safegurd	1. Internet 2. Internet Terms 3. Protecting Yourself from Potential Threats on the web 4. Role of Parents and Teacher	-How to search any information over Internet. -How can we use Youtube for educational Purpose?. -How can we search for educational websites? -How to download the Antivirus from Internet?	<ul style="list-style-type: none"> Students apply their knowledge making posters and advertisements 	Students were explained the pros and cons of usage of internet

September	L-7: Html-Introduction	1. Introduction to HTML 2. HTML 5 3. Text Editor 4. Web Browser for HTML5	-Familiar with Text Editor i.e Notepad, Wordpad and Gedit. -How to use the HTML Tapes in editor. -Use of Web Browser. - Write a program to display the 'WELCOME' message using HTML	• Students are able to learn about HTML as a webpage editing software by writing a simple webpage in notepad, making desired changes and displaying them	Basic concepts of webpage designing will be explained using live demonstration of HTML Codes in a Text editor and sharing of presentation in the class
October	L-8: Html-Creating Web Page	1. HTML5 2. Creating and Saving a web page 3. Basic HTML Tags 4. Displaying web page in Web Browser 5. Modifying Paragraph Text 6. Heading Tag 7. Formatting Text	-Write the code to display the "PARTS OF COMPUTER" by using formatting tools. -Write a code to create table in HTML document to show the various electronic household things under Table title " ELECTRONIC SHOP" and each electronic thin has its name, manufactures, model and its cost.	• Using HTML tags to format a webpage Render	Creating of HTML webpage. Formatting of HTML webpage by live demonstration.
November	L-9: Html-Images, Links & Table	1. Images in Web Pages 2. Inserting Images 3. Creating List 4. Links in Web Pages 5. Creating Links 6. Tables in Web Page 7. Creating a Table	-Open Notepad and Write the HTML code to create the page with using the instructions given below: -- Insert the picture of your own school -- Write ---About School, History, Mission and Vision of the school. -- Make the time table of your school. -- Write your own school name in the last line as "This Web Page is designed by....." --At the bottom, give a text link to your school website. For this , write the text " Click here to know more about my school". The website address is www.bbssolan.balbharati.org --Save the web page as Time Table	• Students will be able to insert image and add list (ordered and unordered)	Creating list by HTML Tags and Attributes
December	L-10: HTML-FORM, MULTIMEDIA & CSS	1. HTML 2. Creating Forms 3. Adding Multimedia 4. CSS	- Write HTML code to generate FORM in HTML language to get the given output in your web browser for following fields: --First Name --LastName --Address -- City -- Pin Code -- Mobile -- Email	• Students will be able to create forms to enter students' particulars.	Art Integration- Design a webpage using HTML on Historical Monuments and Landmarks. Use Formatting Tags, Create Lists and Tables to give details of each Historical Monuments and Landmarks. Create links to all Monuments to show images of each monument.
REVISION FOR ANNUAL EXAMINATION					

विषय संस्कृत

मासः	शीर्षकम् ;साहित्यद्वय	व्याकरणम् रचनात्मक कार्यम्	शिक्षण अधिमस्य प्रतिफलम्	क्रियाकलापः
मार्च	वैभवस्य जन्मदिवसः	लट् लृट् लकारयोः वाक्येषु प्रयोग, अव्यययाना वाक्येषु प्रयोग	श्रवणं वढनं च पाठ-परिचयः। लट्लकारस्य लृटलकारस्य च पुनरावृत्ति	लृट- लृटलकारयो धतुरुपाणि लिखत। वर्ग पहेलिकायाःमाध्यनेन लड् लकारस्य प्रथम पुरुष पढानां चयनं लेखनच
अप्रैल	शुकः काकः च	लड् लकारस्य प्रथमपुरुषस्य वाक्येषु प्रयोगः उपसर्गयुक्त धतूनाम् लड्लकारे रूपाणि	लड् लकारस्य प्रथम पुरुषस्य वाक्येषु प्रयोग प्राणिनां महत्वस्य विषये ज्ञानम्	
मई	दरिद्रस्य सहायता	लड् लकारस्य प्रथमपुरुषस्य वाक्येषु प्रयोगः उपपद विभाक्ति	लड् लकारस्य मध्यम पुरुषस्य वाक्येषु प्रयोगः। दीनजनानां सहायतायाः विषये ज्ञानम्	प्रदत्त चित्रोभ्यः मध्यमपुरुषे वाक्य निर्माणम्। छात्रान् संस्कृत माध्यनेन वार्तालापं कुर्तुं प्रेरणाप्रदानम्
जून	जन्तुशालायाः विहारः शिष्टाचारः	लड् लकारस्य उत्तमपुरुष वाक्येषु प्रयोगः अद्यः श्वः हाः अव्ययानाम भेद प्रयोग च। लोट् लकारस्य वाक्येषु	सर्वनाम पदानां तेषा प्रत्ययानां परिचय जन्तुशालायाः विषये ज्ञानम् लोट् लकारे वाक्य	शिष्टाचारस्य वाक्यानां सक्कलनम भित्तिपत्रोण च प्रदर्शनम्।
जुलाई	स्वस्थवृत्तम्	लोट् लकारस्य उत्तमे पुरुषे तात्वविधनम्	निर्माणम् चरित्रा निर्माणम् लोट् लकारस्य मध्यम उत्तम पुरुषे च वाक्य	धतूनां लोट् लकारे रूपनिर्माणम्
अगस्त	रमणीयम् उद्यानम्	षट् षड् मध्ये भेदस्य स्पष्टता तयोः पदयोः प्रयोगः।	निर्माणम् स्वास्थ्य रक्षायै निर्देशाः	क्रीडायाः माध्यमेन संस्कृत संख्याज्ञानम्।
सितम्बर	मम परिवारः आदर्शाः छात्राः	उपसर्गेण शब्दस्य अर्थे परिवर्तन विशेषता च, तेषा भाषायां प्रयोगाः वाक्यानाम् माध्यमेन तयोः भेद स्पष्टता। विशेषण विशेष्य पदानि समान लिङ-विभक्ति वचने च	अवबोधनम्, परिवारस्य महत्वम् आर्दश छात्राणां दिनचर्या भारतस्य विभिन्न तटानां पटानां परिचयः	उपसर्गानां ज्ञानम्, नवीन पदरचना। हिन्दी शब्देभ्यः प्रत्ययान्त पदानां निर्माणम् भारतीय समुद्र तटानां चित्राणां तेषा नामभिः सह सकङ्कलनम्।
अक्टूबर	भारतीय समुद्र तटाः			
नवम्बर	भारतरत्नम् श्री अटलबिहारी वाजपेयी महोदयः ग्रामस्य यात्रा	श्री अटलबिहारी वाजपेयी महोदयस्य राजनैतिक कार्याणि कवित्वं च।	श्री अटलबिहारी वाजपेयी महोदयस्य परिचयः। कारक उपपदयोः भेद विविधशब्दानां योगे विभक्ति विशेषस्य परिचयः	कस्यापि लोकप्रिय-व्यक्तित्वस्य विषये पठनं लेखनं च। चित्राणि दृष्ट्वा उपपद् विभक्तेः प्रयोग कृत्वा वाक्या रचना