



**Yash Memorial School**  
**Sector 58, Gautam Buddha Nagar, Noida, Uttar Pradesh-201307**

**Yearly Syllabus of (2024-25)**  
**Class -8**

Subject:- Hindi

**प्रथम सत्र**

महीना	बसंत भाग 3 भारत की खोज व्याकरण	क्रिया कलाप	योग्यता कौशल	सांकेतिक मूल्यबिंदु
अप्रैल मई	ध्वनि, लाख की चूड़ियाँ, अहमदनगर का किला, पुनरुक्त शब्द, वाक्य निर्माण, भाषा, बोली, वर्ण -विचार	*कविता संकलन *कहानी कथन *सस्वर गायन *लाख के विषय में जानकारी एकत्रित करें।	मौखिक- श्रवण वाचन कौशल, लेखन कौशल	उच्चारण भावाभिव्यक्ति आत्मविश्वास प्रस्तुतीकरण नैतिक मूल्य
जुलाई	बस की यात्रा, दीवानों की हस्ती चिट्ठियों की अनूठी दुनिया, तलाश, संज्ञा, सर्वनाम, अनेकार्थी शब्द, कारक, विभक्ति, प्रत्यय, शब्द-परिवार,, अपठित गद्यांश	आपके द्वारा की गयी किसी दर्शनीय स्थल की यात्रा का वर्णन कीजिए।	लिखित अभिव्यक्ति, मौखिक अभिव्यक्ति,	प्रस्तुतीकरण आत्मविश्वास नियमित कार्य शोध कार्य मौलिकता भाषा क्षमता
अगस्त	भगवान के डाकिये, क्या निराश हुआ जाए, यह सबसे कठिन समय नहीं, सिंधु घाटी की सभ्यता अपठित गद्यांश, समास, क्रिया, विशेषण, निबंध	*कविता रचना *समाचार पत्रों से अच्छी-बुरी घटनाओं को पढ़कर सुनाना। *नैतिक मूल्यों से जुड़ी कहानियाँ सुनना-लिखना।	श्रवण मौखिक लिखित अभिव्यक्ति	मौलिकता विवरण प्रस्तुतीकरण आत्मविश्वास उच्चारण नैतिक मूल्य

सितम्बर	कबीर की साखियाँ, मानक रूप , संधि, वाक्य विचार ,पद-परिचय, काल,वचन , लिंग,पत्र लेखन, पुनरावृत्ति	*कबीर के अन्य दोहों का संकलन कीजिए । *कक्षा कार्य *गृहकार्य	श्रवण लेखन मौखिक अभिव्यक्ति	भाषायी क्षमता नियमितता
<b>द्वितीय सत्र</b>				
अक्तूबर	कामचोर , जब सिनेमा ने बोलना सीखा, युगों का दौर, उपसर्ग-प्रत्यय, विराम चिन्ह , वाच्य, वाक्य परिवर्तन ,पदबंध	*भारत की पहली मूक एवं बोलती फिल्म के निर्माता,निर्देशक एवं प्रमुख पात्रों के बारे में लिखिए ।	मौखिक अभिव्यक्ति अभिनय श्रवण कौशल सजगता, कुशाग्रता विषय ज्ञान	प्रस्तुतीकरण संवाद भावाभिव्यक्ति आत्मविश्वास मौलिकता सही उत्तर
नवम्बर	सुदामा चरित, जहाँ पहिया है, नई समस्याएँ , उपसर्ग-प्रत्यय, अविकारी शब्द पत्र-लेखन	*एकांकी *वाद-विवाद *परियोजना * कक्षा परीक्षा	श्रवण कौशल मौखिक अभिव्यक्ति	प्रस्तुतीकरण भाषायी क्षमता आत्मविश्वास तार्किकता
दिसम्बर	अकबरी लोटा , सूरदास के पद , विलोम शब्द , पर्यायवाची शब्द , अनेक के लिए एक शब्द, मुहावरे, पत्र लेखन	कहानी लेखन सस्वर गायन सूरदास की जीवनी लिखिए ।	मौखिक अभिव्यक्ति लेखन अभिव्यक्ति श्रवण कौशल	प्रस्तुतीकरण कथोपकथन क्रमानुसार विवरण नैतिक मूल्य भावाभिव्यक्ति
जनवरी	पानी की कहानी , बाज और साँप , अंतिम दौर-एक,दो; तनाव , क्रिया , कारक , समानार्थी शब्द , प्रत्यय , मुहावरे , अलंकार अनुच्छेद लेखन	आत्मकथा की रचना स्वरचित कहानी कक्षा में सुनाना । गृहकार्य	श्रवण कौशल लेखन कौशल भाषण कौशल	मौलिकता नियमितता प्रस्तुतीकरण आत्मविश्वास रचनात्मकता भाषायी क्षमता भावाभिव्यक्ति
फरवरी	टोपी , भारत की खोज-दो पृष्ठभूमियाँ , सूचना लेखन , संवाद लेखन , मुहावरे , अपठित गदयांश	नाटकीकरण कहानी कथन कहानी रचना	श्रवण कौशल लेखन कौशल	प्रस्तुतीकरण आत्मविश्वास प्रवाहपूर्ण उच्चारण व्याकरणिक क्षमता
मार्च	अक्तूबर से फरवरी तक के पाठों की पुनरावृत्ति			

### Subject:- English

Month	Topic	Grammar	Skills assessment	Skills/ Competencies
April	1.The Best Christmas present in the world I &II (Prose-1) 2.The Grasshopper and the Cricket (Poem-1) 3.How did the Camel got his Hump (supplementary-1)	1.The Sentence 2.Phrases and clauses 3 Nouns: Kinds	1.Paragraph writing- 'The Best Gift I received' 2.Diary entry 3. Spelling test	Writing Listening Vocabulary
June	1.The Tsunami (Prose-2) 2.Geography Lesson (Poem-2) 3.Children at work(supplementary-2)	1.Pronoun 2.Adjectives 3.Articles and their Uses	1.Notice writing Speech : Child Labour PROJECT-Threat of Floods/Natural Disaster, Measures taken, rehabilitation ,patriotic songs	Writing Reading listening Application Speaking
July	1.Glipmses of the past(Prose-3) 2.The selfish giant(Supplementary-3)  FA-I (Revision)	1.Verbs 2.Adverbs 3.Auxiliaries and morals The present tense	1.Comprehensive passages (Newspaper articles )	Reading Writing Listening
August	1.Bepin Chowdhary -The lapse of memory (prose-4) 2.Macavity-The mystery Cat (poem-3) 3.The treasure within (supplementary-4)	The past tense The future tense Active and passive Voice Preposition	1.Recitation 2. Dialogue writing 3.Comprehension passage 1.Advertisement	Speaking Writing Reading Understanding
September	1.The last bargain (Poem-4) 2.Princess September (Supplementary-5)		SA-I	
September	Revision			

October	1.The summit within (Prose-5) 2.The School Boy (poem-5) 3.The fight (supplementary-6)	Direct and Indirect speech Conjunctions	1.Dialogue writing 2.My favourite pet 5.Poetic Devices	Writing, speaking reading listening Application
November	1.This is Jody's Lawn (prose-6) 2.A visit to Cambridge (Prose-7) 3.The Duck and the Kangaroo(Poem-6) 4.The Open Window (supple-7)	Parts of speech	2.Extempore speech PROJECT: On monsoon (types of seasons in detail) Record of temperature for a fortnight. Draw a graph of it.	Reading, writing, listening, speaking Creativity Vocabulary
December	1.When I set out to Lynosses (Poem-7) 2.Jalebis (Supplementary-8) 1.A short monsoon diary(prose-8) 2.On the Grass hopper &Cricket (poem-8)	Punctuations	1.Paragraph writing (a)A visit to hill station	Writing, speaking Creativity Vocabulary
January	1.The great stone face I &and I'll(Prose-10) 2.The Comet I &and II (supple-9)	Vocabulary	Comprehension passage Composition	Listening, speaking, writing
February	Revision for SA-2	Revision	Revision	Revision

**Subject: Mathematics**

Month	Topic	SUB TOPICS	INNOVATIVE PEDAGOGIES	LEARNING OUTCOMES
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July	<p>Rational numbers</p> <p>• Algebraic Expressions and Identities</p>	<p>Properties of rational numbers</p> <ul style="list-style-type: none"> <li>• Additive Identity and Additive Inverse</li> <li>• Multiplicative Identity and Multiplicative Inverse</li> </ul> <p>Representation of rational numbers on a number line</p> <p>Rational numbers between two rational numbers.</p> <p>Basic operations on Algebraic Expressions</p> <p>Identities and their Applications.</p>	<p>ART INTEGRATED ACTIVITY/LAB ACTIVITY:</p> <p>To make Bamboo Bridge Model using sticks and connect your model with graph of <math>f(x)=x^2</math>.</p>  <p>To verify the following algebraic identity by paper cutting and pasting method. <math>(a+b)^2 = a^2+b^2+2ab</math></p>	<p>Students would be able to-</p> <p>Generalizes properties of addition, subtraction, multiplication and division of rational number through patterns</p> <p>Plot rational numbers on number line.</p> <p>Finds out as many rational numbers as possible between two given rational number</p> <p>Students would be able to-</p> <p>Uses various algebraic identities in solving problem of daily life and multiplies algebraic expression.</p>
August	Comparing Quantities	<p>Percentage</p> <p>Profit and Loss, Discount</p> <p>Sale Tax, VAT</p> <p>Compound Interest</p>	<p>RELATING THE CONCEPT TO THE REAL LIFE:</p> <p>Discussing the shopping experiences of students during festive sale.</p> <p>ART INTEGRATED ACTIVITY/LAB ACTIVITY:</p> <p>Generalise the formula of compound interests through repeated use of simple interest.</p>	<p>Students would be able to-</p> <p>Applies the concept of percent in profit and loss situation in finding discount, VAT and compound interest, finds profit or loss percent.</p> <p>Applies the idea of percentage, profit loss</p>

	Understanding Quadrilaterals	Polygons Properties of parallelogram	DEDUCTIVE METHOD: Through various examples generalize the laws of quadrilaterals and comparing quantities.	and simple interest in her/his daily life. Finds formula of compound interest with the help of simple interest. Students would be able to- Illustrate angle sum property, exterior angle property and properties of parallelogram and some other special quadrilateral.
December	Factorisation	Factorisation of polynomials by taking common factors.  Factorisation using identities.	LAB ACTIVITY: Collect any five pairs of factorization which are based on formulas and paste them in maths lab manual.	Students would be able to- Identify the identity in two polynomials.  Students would be able to-Finds
September	Revision for Term 1 Examination			Factorisation between two
October	Direct and Inverse variations	Direct Variation and its application Inverse Variation and its application	RELATING THE CONCEPT TO THE REAL LIFE: Discussing the daily life problem based on the concept of Direct and	Students would be able to- State the definition of direct and inverse proportions and their properties. Constructing different
			Inverse Variation.	quadrilateral using compasses and straight edge.  Students would be able to- Construct rectangle, square using compasses and straight edge
November	Linear Equations in one variable	Solving Equations. Simplifying word problems		Students would be able to- Identify the identity in two polynomials.

January	Mensuration          Practical Geometry	Perimeter and area of trapezium, General Quadrilateral, Special Quadrilaterals, Polygons. Total and lateral Area of cube, cuboids and cylinder.  Volume of cube, cuboids and cylinder Construction of quadrilaterals	LAB ACTIVITY: Create a poem to memorize formulas. Create a Cardboard House for your Pet using cube, cuboid and cylinder. To derive the formula of total surface area of cuboid.	Students would be able to- Calculate the area and Volume Calculate surface area and volume of cylinder and cuboid  Students would be able to- Producing formulas and rules using algebraic expressions, to find volume and area of cube, cuboids and cylinder. Students would be able to- Construct quadrilateral using the given dimensions.
February	Revision for Final Examination			

## Subject:- Science

MONTH	CHAPTER	SUB TOPICS	LEARNING OBJECTIVES	PRACTICAL /ACTIVITIES	LEARNING OUTCOMES
APRIL	CROP PRODUCTION AND MANAGEMENT	Soil preparation, selection of seeds and sowing, nutrient management, irrigation, crop protection, harvesting, storage	learn basic agricultural practices learn about methods of preparation of soil understand importance of manures and fertilizers	To separate healthy seeds from unhealthy (damaged seeds)	Students will be able to <ul style="list-style-type: none"> <li>➤ know different agricultural practices</li> <li>➤ differentiate between manure and fertilizers</li> <li>➤ know modern methods of irrigation, harvesting and storage</li> </ul>
	MICRO-ORGANISMS: FRIEND AND FOE	Types of micro-organisms Commercial use Fermentation Medicinal use- Vaccination	learn about harvesting and storage of food grains learn about microorganisms and their occurrence in nature learn the usefulness and harms caused by microbes learn advantages of food preservation	Identification of common food preservatives from common food items/soft drink, jam, chips, pickles.	<ul style="list-style-type: none"> <li>➤ know about different type of microorganisms</li> <li>➤ appreciate the uses of microorganisms</li> <li>➤ learn about the antibiotics and vaccines</li> <li>➤ know the importance of microorganisms in cleaning environment</li> <li>➤ Identify different types of synthetic fibers</li> </ul>

<b>MAY</b>	SYNTHETIC FIBRE AND PLASTICS	<p>Synthetic fibers their types, characteristics and uses.</p> <p>Plastics- their properties and uses</p> <p>Plastic and environment</p>	<p>Identify different types of synthetic fibers</p> <p>differentiate between different types of plastics</p>	<p>To study the tensile strength of different fibers</p>	<p>Students will be able to</p> <ul style="list-style-type: none"> <li>differentiate between thermoplastic and thermosetting type of plastics</li> </ul>
	MATERIALS: METALS AND NON METALS	<p>Occurrence of metals and non-metals</p> <p>Physical properties of metals and non-metals</p> <p>Chemical properties of metals &amp; non-metals</p> <p>Uses of metals &amp; non-metals</p>	<p>learn displacement reaction of metals and non-metals</p> <p>learn about uses of metals and non-metals</p>	<p>Reaction of metals and non-metals with acids.</p> <p>Group discussion- gold is a preferred metal for jewellery</p>	<ul style="list-style-type: none"> <li>learn about the uses of metals &amp; non-metals</li> <li>know about occurrence of metals and non-metals in nature.</li> <li>learn displacement reaction of metals and non-metals</li> </ul>

JULY	COAL AND PETROLEUM	Exhaustible & inexhaustible natural resources Formation of coal and petroleum Refining of petroleum Uses of coal and petroleum	<ul style="list-style-type: none"> <li>understand the importance of fossil fuels in our lives.</li> <li>understand the formation of petroleum and natural gas.</li> <li>learn the refining of petroleum.</li> </ul>	<b>Smart board content</b> locating the places on India map where petroleum refineries are situated.	Students will be able to understand <ul style="list-style-type: none"> <li>appreciate the conservation of natural resources</li> <li>understand the formation and uses of coal and petroleum</li> </ul>
	COMBUSTION AND FLAME	Inflammable Substances Control of combustion Flame Fuel and efficiency	<ul style="list-style-type: none"> <li>differentiate between combustible and noncombustible substances.</li> <li>understand different types of combustion.</li> <li>understand flame and its structure.</li> </ul>	collection and sorting of materials into combustible and non-combustible materials	<ul style="list-style-type: none"> <li>learn the conditions necessary for the combustion to take place</li> <li>learn about flame and its parts</li> <li>know about the methods of extinguishing fire</li> </ul>
	CONSERVATION OF PLANTS AND ANIMALS	Conservation of forest and wildlife Biosphere reserve Wildlife sanctuary and national park Flora and fauna Endemic species	<ul style="list-style-type: none"> <li>learn about biodiversity and wildlife</li> <li>learn the importance of conservation of wildlife</li> <li>know the importance of national parks, sanctuaries and biosphere reserves in wildlife management</li> </ul>	<ul style="list-style-type: none"> <li>visit red data book site</li> <li>map work to locate national park, wild life sanctuaries</li> <li>making power point presentation on endangered species of India</li> </ul>	<ul style="list-style-type: none"> <li>understand the need to conserve flora and fauna</li> <li>understand the consequences of deforestation</li> <li>comprehend the need of conserving the extinct and endemic species.</li> <li>understand the importance of migration of various animal</li> </ul>

<b>AUGUST</b>	CELL: STRUCTURE AND FUNCTION	Discovery of cell Organisms show variety in cell number, shape & size Cell structure and functions Plant and Animal Cell and their comparison	<ul style="list-style-type: none"> <li>• learn about structural and functional unit of life.</li> <li>• learn about discovery of cell.</li> <li>• understand the concept of size and shape of cell.</li> <li>• learn about cell structure and their functions.</li> </ul>	<ul style="list-style-type: none"> <li>• To observe the slide of onion peel</li> <li>• To observe and compare plant and animal cell on the basis of structure</li> </ul>	<ul style="list-style-type: none"> <li>➤ recognize different types of cells</li> <li>➤ list the functions of parts of cell</li> <li>➤ understand the role and function of cell.</li> </ul>
	REPRODUCTION IN ANIMALS	Difference between Asexual and sexual reproduction Male and female reproductive system Fertilization Development of embryo Viviparous and oviparous animals Asexual reproduction	<ul style="list-style-type: none"> <li>• learn process of fertilization and development of embryo in uterus</li> <li>• learn oviparous and viviparous animals</li> <li>• learn about metamorphosis</li> </ul>	<ul style="list-style-type: none"> <li>• Subject enrichment activity- Lab Activity</li> </ul>	<ul style="list-style-type: none"> <li>• appreciate the diversity in the organisms based on the types of cells.</li> <li>• understand the process of fertilization and development of embryo</li> </ul>

<p><b>SEPTEMBER</b></p>	<p>REACHING THE AGE OF ADOLESCENCE</p>	<p>Adolescence and puberty Changes at puberty Secondary sexual Characteristics Role of hormones Reproductive health Role of drugs</p>	<ul style="list-style-type: none"> <li>• know about changes taking place at adolescence and puberty</li> <li>• learn the role of hormones in the growth process</li> <li>• learn about secondary sexual characters in males and females</li> <li>• learn about drug menace</li> </ul>	<ul style="list-style-type: none"> <li>• Crossword puzzle or oral quiz</li> <li>• Data collection on height of boys and girls of class and plotting graph</li> <li>• Report on importance of consuming iodized salt by collecting information from magazine or newspaper</li> </ul>	<ul style="list-style-type: none"> <li>• understand the changes taking place at puberty</li> <li>• know the role of hormones in controlling secondary sexual characters and reproductive cycle.</li> </ul>
<p><b>OCTOBER</b></p>	<p>FORCE AND PRESSURE</p> <p>FRICITION</p>	<p>Pressure Pressure exerted by liquids &amp; gases Atmospheric pressure</p> <ul style="list-style-type: none"> <li>➤ Friction-a necessary evil</li> <li>➤ Force of friction</li> <li>➤ Factors affecting friction</li> <li>➤ Methods of reducing friction</li> <li>➤ Fluid friction</li> </ul>	<ul style="list-style-type: none"> <li>➤ learn about various types of forces</li> <li>➤ understand concept of pressure and its relation with thrust</li> <li>➤ understand concept of frictional force</li> <li>➤ learn about factors affecting friction</li> <li>➤ know that friction is a necessary evil</li> <li>➤ know about ways to reduce friction</li> </ul>	<p>Pressure exerted by liquids activity</p> <p>Rolling friction is less than sliding friction activity</p>	<ul style="list-style-type: none"> <li>• learn the types of forces- contact &amp; non contact forces</li> <li>• understand the effects of force- in change of state, shape</li> <li>• understand that liquids &amp; gases exert pressure</li> <li>• know about different types of friction</li> <li>• understand the factors affecting friction</li> <li>• understand the advantages and disadvantages of friction</li> </ul>

NOVEMBER	SOUND	<ul style="list-style-type: none"> <li>• Sound – by vibrating body</li> <li>• Sound produced by Humans</li> <li>• Properties of sound wave</li> </ul> <p>Structure of ear</p> <ul style="list-style-type: none"> <li>• Amplitude time period and frequency of a vibration</li> <li>• Noise and music</li> </ul> <p>Noise pollution</p>	<ul style="list-style-type: none"> <li>• learn about different types of sound</li> <li>• learn the properties of sound wave</li> <li>• understand the structure of human ear.</li> <li>• understand difference between music and noise</li> <li>• learn about measures to limit noise pollution</li> </ul>	<ul style="list-style-type: none"> <li>• Sound needs medium to travel</li> <li>• Sound is produced by a vibrating body</li> </ul>	<p>Students will be able to</p> <ul style="list-style-type: none"> <li>• understand how sound is produced.</li> <li>• find out ways to reduce noise pollution</li> </ul>
	CHEMICAL EFFECT OF ELECTRIC CURRENT	<ul style="list-style-type: none"> <li>• Electrolytes</li> <li>• Non electrolytes</li> <li>• Do liquids conduct Electricity</li> <li>• Chemical effect of current</li> <li>• Electroplating</li> </ul>	<ul style="list-style-type: none"> <li>• learn about electrolytes and non-electrolytes</li> <li>• learn about chemical effects of electric current</li> <li>• understand the phenomenon of electroplating</li> </ul>	<ul style="list-style-type: none"> <li>• Conduction tester for different electrolyte (fruits and vegetables- lemon juice, vinegar)</li> <li>• Electroplating of copper on steel spoon</li> </ul>	<ul style="list-style-type: none"> <li>• differentiate between electrolytes and non – electrolytes</li> <li>• comprehend electroplating &amp; their applications.</li> </ul>

<b>DECEMBER</b>	SOME NATURAL PHENOMENA	<ul style="list-style-type: none"> <li>• Charging by Rubbing</li> <li>• Types of Charges and Interaction</li> <li>• Transfer of charges</li> <li>• Cause of lightning</li> <li>• Lightning Safety</li> <li>• Earthquakes</li> </ul>	<ul style="list-style-type: none"> <li>• know about some natural phenomenon like lightning and earthquake</li> <li>• learn about lightning</li> <li>• know about lightning conductor</li> </ul>	<ul style="list-style-type: none"> <li>• Making model of electroscope</li> <li>• Like charges repel and unlike charges attract</li> </ul>	<p>Students will be able to</p> <ul style="list-style-type: none"> <li>• understand the concept of charging an object</li> <li>• apply the safety measures taken during lightning</li> <li>• know about earthquake and its measurement</li> </ul>
	LIGHT	<ul style="list-style-type: none"> <li>• Structure of human eye</li> <li>• Functions of different parts of human eye</li> <li>• Care of human eye</li> <li>• Braille system</li> </ul>	<ul style="list-style-type: none"> <li>• understand phenomenon of reflection of light</li> <li>• understand the phenomenon of multiple reflection</li> <li>• learn about different parts of human eye and its functions</li> <li>• understand dispersion of white light</li> </ul>	<ul style="list-style-type: none"> <li>• To verify laws of reflection of light</li> <li>• Showing dispersion of light</li> <li>• Construction of kaleidoscope</li> </ul>	<ul style="list-style-type: none"> <li>• understand dispersion of white light</li> <li>• recognize the type of reflection</li> <li>• draw well labeled diagram of eye</li> <li>• tell the functions of different parts of human eye</li> </ul>

	STARS AND THE SOLAR SYSTEM	<ul style="list-style-type: none"> <li>• The stars and the constellation</li> <li>• Asteroids</li> <li>• Artificial satellites</li> <li>• Meteorites</li> </ul>	<ul style="list-style-type: none"> <li>• know about stars, planets, universe.</li> <li>• learn about other heavenly bodies like comets, meteors, satellites, etc.</li> <li>• understand about artificial satellites and its applications.</li> </ul>	<ul style="list-style-type: none"> <li>• Scrap book on artificial satellites and constellations</li> <li>• Preparing a model of solar system showing the planets and their relative sizes.</li> </ul>	<ul style="list-style-type: none"> <li>• recognize the shapes of constellation</li> <li>• learn about the solar system and planets</li> <li>• appreciate the uses of artificial satellites</li> </ul>
<b>JANUARY</b>	POLLUTION OF AIR AND WATER	<ul style="list-style-type: none"> <li>• Air Pollution</li> <li>• Case study–The Taj Mahal</li> <li>• Green House Effect</li> </ul>	<p>learn causes of air pollution and major air pollutants</p> <p>learn about harmful effects of air pollution and ways to reduce it</p> <p>demonstrate the need for treatment of surface waters and some groundwaters for drinking purposes.</p>	<ul style="list-style-type: none"> <li>• Posters making on clean environment</li> <li>• Group discussion on Green house effect and Ganga action plan.</li> </ul>	<p>understand Greenhouse effect.</p> <p>learn about air and water pollution</p> <p>recognise the function of each treatment process in treating drinking-water.</p>

<b>FEBRUARY</b>	<b>REVISION</b>		<b>ANNUAL EXAMINATION</b>		
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**Subject:- Social Science**

<b>MONTHS</b>	<b>UNIT/ CHAPTER</b>	<b>SUB TOPICS</b>	<b>LEARNING OUTCOME</b>	<b>INNOVATIVE PEDAGOGY/ ART INTEGRATION/ INTER DISCIPLINARY APPROACH</b>	<b>MAPWORK/ ENRICHMENT ACTIVITY</b>
April	<b>HISTORY</b> <b>How, When and Where</b>	-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	Prepare a video using Adobe Spark on the major historical events during the british rule.  Diagramatic representation of events in the form of historical timeline	Map work on annexation
	<b>HISTORY</b> <b>From Trade to Territory</b>	-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	Get into groups to research and find out about annexation policies adopted by the British.	Map work on annexation
	<b>SOCIAL AND POL. LIFE</b> The Indian Constitution	-Why a country does needs 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 .	
	<b>GEOGRAPHY</b> 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.	

May	<b>HISTORY</b> 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.	Debate and Group Discussion	Map work; Spread of the pandemic in India and the world
	<b>SOCIAL AND POL. LIFE</b>  <b>Secularism</b>	-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.	Role play on real life situations based on casteism.	Poster on Secularism

	<p><b>SOCIAL AND POL. LIFE</b> Why Do We Need a Parliament</p>	<ul style="list-style-type: none"> <li>- Why should people decide?</li> <li>-The role of the Parliament</li> <li>-Who are the people in Parliament?</li> </ul>	<p>To provide the required knowledge on Parliament and how it is considered the single most crucial pillar to support democracy</p>	<p>Brainstorming session on differences between Lok Sabha and Rajya Sabha</p>	
	<p><b>GEOGRAPHY</b> Land,soil, water, natural vegetation and wildlife resources</p>	<p>Land use and conservation 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</p>	<p>To offer an elaborate view of natural resources</p>	<p>Creating slideshows or power point presentations</p> <p>Discussion and debate of the types of species.</p>	<p>Diagram: Soil profile</p> <p>Map work related to the chapter</p>

<p>July- Aug</p>	<p><b>HISTORY</b> Tribals, Dikus and the Vision of a Golden Age (This chapter will be taken up as an art integrated activity)</p>			<p>Art integrated activity has been designed on the chapter, comprising of tribal art and craft forms using clay, plaster of paris, soft stone, wood or any other material (It may include natural and man made forms, human figures, birds, animals, vegetation and other objects like household items, show pieces like masks etc.</p> <p><b>Map Skills</b> On an outline political map of India, mark the location of the following tribal groups:(a) Gaddis (b) Gonds(c) Santhals(d) Baigas (e) Mundas(f) Khonds</p> <p>Children and parents may also visit NROER, an online educational resource repository of NCERT and explore the Modern Indian History e-resource available online <a href="https://www.eklavya.in/pdfs/Books/SSTP/samajik_adhyayan_8/itihaas/9%20Angrezon%20ke%20hasan%20mein%20Jungle%20aur%20Adivasi.pdf">https://www.eklavya.in/pdfs/Books/SSTP/samajik_adhyayan_8/itihaas/ 9%20 Angrezon%20ke%20S hasan%20mein%20 Jungle%20aur%20Adivasi.pdf</a></p>	
	<p>When People Rebel 1857 and</p>	<p>- Causes of the revolt -Outbreak of the revolt Reasons for its failure.</p>	<p>To understand the events that mark the beginning of the</p>	<p>Storyboarding for step by step memorization or visualization</p>	<p>Map work on</p>

	After	-Outcome of the revolt	people's uprising		important centres of revolt.
	<b>SOCIAL AND POL. LIFE</b> 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	Make a pictographic poster on an issue that ails our society.	Design a poster on gender equality.
	Judiciary	-Unpopular and Controversial laws. -The role of the Judiciary. -What is an Independent judiciary? - Structure of courts in India -Different branches of legal system	To understand about the body of government responsible for making and upholding laws for smooth and unbiased functioning of the democratic system	Legal procedures should not involve a lot of money and paper work: Discuss and debate	
Sept	<b>GEOGRAPHY</b> Minerals and Power Resources	-Types of minerals -Distribution of minerals: world & India -Uses of Minerals -Conservation of Minerals -Power Resources: Conventional and Non-Conventional	To learn about valuable minerals and places where they are found	Puzzles , games and quiz	Map dictation on: World distribution of Iron, copper, bauxite, mineral oil and coal
Oct	REVISION FOR HALF YEARLY				
Nov	<b>HISTORY</b> Weavers, Iron Smelters and Factory Owners(Chapte			Compare and contrast the problems and challenges faced by the textile industry in India and abroad. Also locate the important cotton textile centres across the world	

	r converted into an activity)				
Nov	<b>HISTORY</b> Civilizing the 'Natives', Educating the Nation.	-The tradition of Orientalism -System of Education in Pre- British period -The agenda for a National Education: Gandhi and Tagore's views on Education	To understand how the British people viewed Indian education and forced a change towards a more westernized system	Compare and contrast between the gurukul system and the modern school system with major emphasis on the cocurricular activities taken up during each of the phase.The presentation can be in a form of a digital poster or a collage highlighting the sports/games and the rules and regulations associated with them	



	<b>GEOGRAPHY</b> Industries	-Classification of industries -Factors affecting location of industries -Industrial system -Distribution of major industries	To understand about the types ,classification and location of industries in India	Discover the changes caused by the industrial revolution	Map work-World's industrial regions
Dec	<b>HISTORY</b> The making of the	-The emergence of nationalism -The growth of Mass Nationalism. - Advent of Mahatma Gandhi	To know about the reforms that were brought by the	Write ups followed by a brief discussions	

	National Movement : 1870s-1947	-The Rowlatt Satyagraha -Khilafat agitation and non-cooperation movement -The March to Dandi -Quit India and later	British government which led to the start of nationalism		
	<b>SOCIAL AND POL. LIFE</b> Public Facilities	-Water and the people of Chennai -Water : Right to life -Public facilities -The government's role	To understand the concept and importance of public facilities provided by the government	Find out the various kinds of taxes people pay to the government by talking to a salaried person and share your findings.	
	<b>GEOGRAPHY</b> Human resources	-Distribution and Density of population. -Factors affecting distribution of population -Population Change -Anew 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



Feb		<b>REVISION FOR ANNUAL EXAMINATION</b>			
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## Subject -Computer

Month	Lesson No and Name	Practicals
April	1. Introduction to Artificial Intelligence	<ul style="list-style-type: none"> <li>* Explore the Internet and search the information about Google's Artificial powered Apps and devices.</li> <li>* Discusss and search examples of Artificial Intelligence that we use in our daily life</li> </ul>
June	2. Networking Concepts	<ul style="list-style-type: none"> <li>* Visit school lab and find out which type of topology of the network is used</li> <li>* Create Powerpoint presentation on how Wi-Fi Works</li> </ul>
July	3. Database Management with MS-Access 4. Using Tables in MS Access	<ul style="list-style-type: none"> <li>* Online tutorials on Topic 'Why we need Database?'</li> <li>* Primary key concept</li> <li>* Creating Tables</li> <li>* Adding , Deleting &amp; Editing Records</li> <li>* Filtering Records</li> <li>* Design view</li> </ul>
August	5. MS Access : Forms , Queries & Reports	<ul style="list-style-type: none"> <li>* Creating Form</li> <li>* Creating Query using Wizard</li> <li>* Components of Report</li> <li>* Applying Form themes</li> </ul>
September	Half Yearly Exams	
October	6. Creating WebSites using HTML	<ul style="list-style-type: none"> <li>* Adding Graphics, Images to Web page</li> <li>* Creating Marquee Tag</li> <li>* Creating Ordered List</li> <li>* Creating Unordered List</li> <li>* Linking Web pages</li> </ul>
November	7. Image Editing with Photoshop  8. Python Review	<ul style="list-style-type: none"> <li>* Transform and Rotate an Image</li> <li>* Selection Tools</li> <li>* Adjusting Brightness and Contrast</li> <li>* Lasso Tool, Crop Tool</li> </ul>
December	9. More on Python	Python Comments <ul style="list-style-type: none"> <li>* printf() Function</li> <li>* input () Function</li> <li>* Writing small python programs</li> </ul>
January	10. Introduction to App Development	<ul style="list-style-type: none"> <li>* How to download Apps from Play Store</li> <li>* Introduction to AppyPie (Mobile app )</li> </ul>
February	Revision	

