

Guru Gobind Singh Public School
Split up of the syllabus (Session 2023– 24)

Class: IX

Subject: English

Prescribed Books:

1. BEEHIVE – Text book in English for class 9 -
2. MOMENTS - Supplementary Reader in English for class 9 -

Publisher

NCERT

NCERT

Month	Working Days	Chapter/Topics	Project / Activity
April	17	Beehive: Ch-(1) The Fun They Had , (P) The Road not taken , (2) The sound of music Moments: (1) The Lost Child Grammar: Determiners Writing : Diary Entry	ASL
May & June	10+9	Beehive: (P) Wind, (3) The little Girl Moments: (2) The Adventure of Toto Grammar: Modals, Prepositions Writing: Descriptive Paragraph (person)	Art Integration Project- Find out about the famous musicians, folk songs, folk dance and music of Jharkhand and Telangana.
July	20	Beehive: (P) Rain on the roof, (4) A Truly Beautiful Mind Moments: (3) Iswaran The StoryTeller Grammar: Tenses , Active and passive voice Writing: Story	ASL
August	21	Beehive: (P) The Lake isle of Innisfree , (5) The Snake and the Mirror (P) A Legend of The Northland Moments: (4) In the Kingdom of Fools, (5) The Happy Prince Grammar :Reported Speech Writing: Descriptive paragraph (place)	Assessment of Listening and Speaking skills
September	9	Revision and Half Yearly Exam	
October	17	Beehive: (6) My Childhood (P) No Men are Foreign Moments: (6) Weathering the Storm In Ersama Grammar : Subject verb Agreement Writing: Descriptive paragraph (event)	Make a collage of the heroes of Jharkhand and Telangana.
November	14	Beehive: (7) Packing (P) The Duck and The Kangaroo (8) Reach for the top, (P) On killing a Tree Moments : (7) The Last Leaf, Grammar : Reported Speech	Compare and contrast the culture and festivals of Jharkhand and Telangana.



Edit with WPS Office

		Writing: Diary Entry	
December	15	Beehive: (9) The Bond of Love, (P) The Snake Trying Moments: (8) A House is Not a Home, (9) The Accidental Tourist Grammar: Modals Writing : Story	Art Integration Project
January	18	Beehive: (10) Kathmandu (11) If I Were you (P) A Slumber Did My Spirit Seal Moments: (10) The Beggar Grammar: Tenses Writing: Story	Assessment of Listening and Speaking skills
February	11	Revision and Annual Examination	



HINDI
Syllabus (2023--2024)
Class IX पाठ्यक्रम 'अ' कोड सं. 002

Month's Name	No. of working days	Chapter No./ Title	Project/ Assignment
पुस्तकों के नाम-- (1) क्षितिज भाग 1, (2) कृतिका भाग 1, (3) व्याकरण साँविनिर हिंदी व्याकरण एवं रचना पाठ्यक्रम का मासिक विभाजन: -----			
अप्रैल	17	गद्य पाठ-- दो बैलों की कथा, पद्य पाठ --साखियां और सबद 1 व्याकरण-- उपसर्ग ,प्रत्यय ,पत्र लेखन	
मई	10	अनुच्छेद लेखन, पत्र लेखन, अपठित पद्यांश	
जून	09	गद्य पाठ-- ल्हासा की ओर , पद्य पाठ -- वाख कृतिका--इस जल प्रलय में व्याकरण-- सूचना लेखन, अर्थ के आधार पर वाक्य	परियोजना कार्य भारत के किन्हीं 4 राज्यों की बाल मजदूरी स्थिति का तुलनात्मक अध्ययन करें।
जुलाई	20	गद्य पाठ-- उपभोक्तावाद की संस्कृति , पद्यपाठ -- कैदी और कोकिला कृतिका-- इस जल प्रलय में व्याकरण -- समास, पत्र लेखन	
अगस्त	21	गद्य पाठ- सांवले सपनों की याद , पद्य पाठ-- सवैये कृतिका --पुनरावृत्ति कार्य व्याकरण--अलंकार (शब्दालंकार - अनुप्रास, यमक), लघुकथा लेखन	
सितंबर	09	पुनरावृत्ति कार्य (प्रथम सत्र की परीक्षा)	
अर्धवार्षिक परीक्षा			
अक्टूबर	17	गद्य पाठ --प्रेमचंद के फटे जूते , पद्य पाठ-- ग्राम श्री कृतिका-- मेरे संग की औरतें व्याकरण -- अलंकार(अर्थालंकार -उपमा,रूपक) लघुकथा लेखन	सड़क सुरक्षा जीवन रक्षा पर परियोजना तैयार करें।
नवंबर	14	गद्य पाठ -- मेरे बचपन के दिन , कृतिका--मेरे संग की औरतें व्याकरण-- निबंध लेखन, पत्र लेखन , ईमेल लेखन	
दिसंबर	15	पद्य पाठ-- मेघ आए कृतिका-- रीढ़ की हड्डी व्याकरण-- अर्थ के आधार पर वाक्य भेद , समास,अनुच्छेद लेखन,	
जनवरी	18	पद्य पाठ-- बच्चे काम पर जा रहे हैं , गद्य पाठ--- पुनरावृत्ति कार्य कृतिका---रीढ़ की हड्डी व्याकरण-- अपठित गद्यांश ,अपठित पद्यांश अलंकार	
फरवरी	11	पुनरावृत्ति कार्य वार्षिक परीक्षा नोट -- संपूर्ण पाठ्यक्रम वार्षिक परीक्षा में सम्मिलित है।	

नोट:-cbse द्वारा नवीन पाठ्यक्रम भेजे जाने के उपरांत उपयुक्त पाठ्यक्रम में फेर- बदल संभव है।

संस्कृत पाठ्यक्रम 2023-2024
कक्षा-नवम्

पाठ्यक्रमानुसार निर्धारित पाठ्य पुस्तकें

1. संस्कृतमणिका – पाठ्यपुस्तकम् भागः-1 प्रकाशनम्: रा० शै० प्र० अनु० परि०।
2. संस्कृत व्याकरण – सरस्वती मणिका व्याकरण भागः-1, सरस्वती पब्लिकेशन

पाठ्यक्रम का मासिक विभाजनः-

अप्रैल (17) : पाठ्यपुस्तकात्-

पाठः 1 – अविवेकः परमापदां पदम्,

पाठः 2 – पाथेयम्

व्याकरणानि : स्वरसन्धिः-दीर्घ, गुण, वृद्धि, यण्, अयादि,

व्यञ्जन सन्धिः- वर्गीय प्रथम वर्णस्य तृतीयवर्णे परिवर्तनम् (जश्त्वसन्धिः), 'म्' स्थाने अनुस्वारः ।

विसर्ग सन्धिः- उत्त्वम्, शत्वम्, शत्वम्, सत्वम्

संवादपूर्ति/कथापूर्तिः अपठित गद्यांशं पत्र लेखनम्, चित्रलेखनम् अनुच्छेदम् च ।

मई (10) : व्याकरणानि : संख्यावाची शब्द 01-100, पर्यन्तम् (1-4 केवलं प्रथमा-विभक्तौ)
उच्चारण स्थानानि

गतिविधि कार्यम्

गतिविधि कार्यम् – वर्णानाम् उच्चारण स्थानानि सचित्र तालिका ।

परियोजना कार्यम्

परियोजना कार्यम् – झारखण्ड राज्यं तेलंगानां राज्यं " भोजनम् कला संस्कृति विषये तुलनात्मकं अध्ययनम्" ।

जून (9) : पाठः 3 : विजयतां स्वदेशः
व्याकरणानि : प्रत्ययाः क्त्वा, ल्यप्, तुमुन्, शतृ,
धातुरूपाणि-कृ, पा, सेव्, अस्, पठ् पंचसु लकारेषु,
शब्दरूपाणि : बालक, लता, फल, नदी, साधु । पर्यायपदानां, विलोम,
पदानाम् च मेलयत् । खपरियोजना कार्यम्,

जुलाई (20): पाठः 4 – विद्यया भान्ति सदगुणाः
व्याकरणानि : पाठाधारित-कथापूर्ति
उपपद विभक्तिभिः – 1. द्वितीया – निकषा, प्रति, विना, पस्तिः, समया, 2. तृतीया-समम्, साकम्, सार्धम्, सह, विना, अलम्, 3. चतुर्थी – रुच् कुप, दा, नमः,
शब्दरूपाणि :सर्वनाम-अस्मद्, युष्मद्, किम् त्रिषु लिङ्गेषु,

अगस्त (21): पाठः 5 – कर्मणा याति संसिद्धिम् पाठाभ्यासकार्यम्
संवादपूर्ति/कथापूर्तिः, गद्यांश, नाट्यांश, पद्यांश (अभ्यासकार्यम्)
व्याकरणानि : अव्ययानि, प्रसंगानुसारम् अर्थचयनम्

सितम्बर (9): सम्पूर्ण पाठानाम् व्याकरणानाम् च पुनरावृत्तिः कार्यम् तथा अर्द्धवार्षिकी परीक्षायाः शुभारम्भः ।

अक्टूबर (17): पाठः 6 : तत् त्वम् असि ।
पाठः 7 : तरवे नमोऽस्तु – सरलार्थम् पाठाभ्यासकार्यम् श्लोकांशं च ।
व्याकरणानि : अपठितगद्यांशं, पत्रलेखनं, चित्रलेखनम्,
स्वर सन्धि दीर्घ, गुण, वृद्धिः यण्, अयादि च,
प्रत्ययाः— क्त्वा, ल्यप्, तुमुन्, शतृ,
शब्दरूपाणि—बालकवत्, लतावत्, फलवद्, नदीवत्,
साधुवत्, धातुरूपाणि—अस् कृ पठ् पा, सेव् पञ्च लकारेषु,

नवम्बर (14): पाठः 8 – न धर्मवृद्धेषु वयः समीक्ष्यते
व्याकरणानि :
उपपदविभक्तिभिः—
1. पञ्चमी – विना, बहिः, भी, रक्ष, षष्ठी – उपरि, अधः, पुरतः, पृष्ठतः,
सप्तमी—स्निह, निपुणः, विश्वस् तृतीय सावधिक परीक्षा,
परियोजना कार्यम् – कर्ता क्रिया अन्वितिः श्वेतकर्मदोपरि,

दिसम्बर (15): पाठः 9 – कवयामि वयामि यामि
पाठः 10 भारतीयं विज्ञानम् (केवलम् पठनार्थम्)
व्याकरणानि – पुनरावृत्ति कार्यम् – पाठाधारितम् सन्धिकार्यम् ।
पठितगद्यांशं, पत्रलेखनं, चित्रलेखनम्,

जनवरी (18): पाठः 11 – भारतेनास्ति मे जीवनं जीवनम् (केवलम् पठनार्थम्)
व्याकरणानि – सम्पूर्ण पाठानाम् व्याकरणानाम् च पुनरावृत्तिः ।

फरवरी (11): पुनरावृत्ति कार्यम् तथा वार्षिकी परीक्षायाः शुभारम्भः सम्पूर्ण पाठेभ्यः व्याकरणेभ्यः,

टिप्पणीः— 1. वार्षिकी परीक्षायाम् अर्द्धवार्षिकी परीक्षायाः चतुर्थ पाठः विद्यया भान्ति सद्गुणाः
सम्मिलितः भविष्यति ।

Subject :Mathematics

PRESCRIBED BOOK : 1. Mathematics for Class IX (NCERT)

2. Mathematics Lab Manual Class IX (JAINCO PUBLISHERS)

REFERENCE BOOK: Mathematics For Class 9 (Bharti Bhawan, R S Aggarwal)

Syllabus for the whole year – (2023 -24)

Month	No. of Working Days	Chapter name and content	Activity/Projects
Apr	17	Number System Review: Rational no. on number line, Representation of Terminating & Non-Terminating recurring decimal on number line Irrational Numbers, Real number & their decimal expansion, Representing real number on the number line, Operation of real numbers, Rationalisation of the denominator, Law of exponents of real numbers. Polynomials Introduction, Polynomial in one variable, zero of a polynomial, Remainder Theorem Factor Theorem, Factorization of polynomials	Activity: To construct a square root of any given positive real number x .
May	10	Algebraic Identities Co-Ordinate Geometry Introduction, Cartesian System, Plotting a point on a plane on linear equation $ax+by+c=0$ & linking with the linear equation in two variables.	Activity: To verify the algebraic identities $(a+b)^3=a^3+3a^2b+3ab^2+b^3$.
Jun	09	Eculid's Geometry Introduction to Eculid's Geometry Eculid's Definition, Axioms & Postulates, Equivalent Version of Eculid's 5 th Postulate.	
Jul	20	Mensuration(Heron's Formula) Introduction, Area of triangle by Heron's Formula, Application of Heron's formula in finding area of quadrilaterals Lines & Angles Introduction, Basic terms & Definition, Intersecting lines & Non-Intersecting Lines, Pair of angles. Parallel lines & a Transversal ,Lines Parallel to same line. Angle sum property of a triangle.	Activity:To verify the sum of angles of a triangle is 180° .
Aug	21	Triangles Introduction, Congruence of Triangles, criteria for Congruence of Triangles,some properties of a triangle Some more criteria for Congruence of Triangles. Inequalities in a triangles& Questions`	To find Median of a triangle by paper folding activity.
Sep	09	Revision for Half-Yearly Examination Discussion of Question Papers	
Oct	17	Linear Equation of Two Variables Introduction, Geometrical/Graphical Representation of linear equation	

		<p>Solution of two variables, Equation in 2 variables, Equation of lines parallel to X-axis & Y-axis.</p> <p>Quadrilaterals : Introduction , Angle sum property of quadrilateral ,Types of quadrilateral , Properties of parallelogram.</p> <p>Another condition for a Quadrilateral to be a parallelogram. Mid-Point Theorem</p>	<p>Verify the mid-point theorem for a triangle ,using paper cutting and pasting method</p>
Nov	14	<p>Area of Parallelogram and Triangles Introduction, Figure on same base and between the same parallels and theorem</p> <p>Circle Introduction, Review of circles, Angle subtended by a chord at a point, Perpendicular from the center to a chord. Equal chord and their distance from center.</p>	<p>To verify that the opposite angles of a cyclic quadrilateral are supplementary.</p>
Dec	15	<p>Angle subtended by an arc of a circle. Cyclic Quadrilateral</p> <p>Construction Introduction, Basic Construction, Construction of a triangle.</p> <p>Surface Area & Volume Introduction, Surface Area of Cuboid & Cube, Total surface area of cuboid</p>	<p>Project: To make a model of a cylinder whose radius = 14cm and radius 7cm.</p>
Jan	18	<p>Surface Area & Volume Surface Area& volume of a right circular Cylinder, cone, sphere & hemisphere</p> <p>Statistics Introduction, Presentation of data, Graphical representation of data 1. Bar graph 2. Histogram 3.Frequency Polygon. Measure of central Tendency 1. Mean 2. Mode 3.Median</p> <p>Probability Introduction, Probability-An experimental Approach through events.</p>	<p>To find through experimentation, the area of a right circular cylinder.</p>
Feb	11	Revision	

SUBJECT- PHYSICS

Subject: Science & Tech (Physics) Prescribed Textbook: Science and Technology–NCERT

Month/Working Days	Chapter/Topic	Content/Sub-topicinDetail	Experiment/Project/Activity
April/ 17	Motion	Distance and displacement, velocity , Uniform Motion and Non-Uniform Motion along a Straight Line, acceleration .	1. Graphical Representation of Various types of Motion. 2. The data regarding the motion of two different objects A and B are given in following table. 2. Demonstration of uniform circular motion.
May/ 10	Motion	Distance – time and velocity- time graphs for uniformly accelerated motion.	3. To plot distance–time graph and find speed.
Jun/ 09	Motion (Contd..),	Elementary idea of uniformly circular motion.	4. To plot velocity- Time graph and find acceleration.
July/ 20	Force and Newton's Laws of Motion:	Force and Motion, Newton's laws of motion, Action and reaction forces ,Inertia of a body , Inertia and Mass. Momentum, Force and Acceleration.	1. Place a water filled tumbler on a tray. Hold the tray and turn around as fast as you can. It is observed that the water spills. Why? 2. Show an activity to explain that inertia is the inherent property of every object.
August/ 21	Gravitation	Gravitation, Universal Law of Gravitation , Force of Gravitation on the Earth(gravity) , Acceleration due to Gravity, Mass and Weight, Free Fall.	1. To establish the relationship between weight of a rectangular wooden block using spring balance.
September / 09	Revision, Half Yearly Examination, Discussion of Question Paper	Revision, Half Yearly Examination, Discussion of Question Paper	2. To determine the density of solid (denser than water) by using a spring balance and a measuring cylinder.
October/ 17	Flotation	Thrust and Pressure, Pressure in Fluids, Buoyancy, Archimedes' Principle.	3. To establish the relation between the loss in weight of a solid. When fully immersed in (i) Tap Water (ii) Strong Salt water.
November/14	Work and Energy	Work, Workdone by a constant force, 1 Joule, Energy and forms of Energy, Kinetic and Potential Energy, Law of Conservation of Energy, Rate of doing work(Power),	
December/15	Sound	Nature of Sound, Propagation of sound in various media, Speed of sound, Speed of sound in different media .	1. To verify Laws of Reflection for Sound Waves 2. To determine the velocity of Pulse propagated through a slinky.
January /18	Sound	Reflection of Sound, Echo, Range of Hearing, Ultrasound	
February /11	Revision for Examination		

Chemistry - IX

Months	No of working days	Chapters to be covered month wise and Breakup of the chapters content wise.	Hand on Activities/Projects
April	17	.Definition of matter; solid, liquid and gas; characteristics - shape, volume, density; change of state -melting (absorption of heat), freezing, evaporation (cooling by evaporation), condensation, sublimation.	To prepare a true solution of common salt. To prepare the suspension of Soil. To prepare a colloidal solution of starch in water and distinction on the basis of (i) transparency (ii) filtration criterion (iii) stability
May	10	Factors affecting rate of evaporation.Matter in our surroundings completed. Is matter around us pure -elements, compounds and mixtures.	To observe the role of surface area and temperature to understand the phenomenon of Evaporation while spreading water on the floor.
June	09	Elements, compounds and Mixtures. Heterogeneous and Homogenous mixtures,	Demonstration of Tyndall Effect in a True solution and a Colloidal solution. To make an art integrated project comparing the different methods of water purification of Jharkhand and Telangana
July	20	Suspensions and its properties. Colloids and its properties, Some common examples of colloids. Physical and chemical changes (excluding separating the components of a mixture) (chapter completed).	To prepare (i) a mixture (ii) a compound using iron filings and sulphur powder and distinguish between these on the basis of: (a) appearance ,i.e homogeneity and heterogeneity. (b) behaviour towards a magnet, (c) behaviour towards carbon disulphide as a solvent. (d) effect of heat.
August	21	Atoms and Molecules - Laws of chemical combinations. What is an atom? Atomic size, Symbols What is a molecule?	To carry out the following reactions and classify them as physical and chemical changes, (i) Iron with copper sulphate solution in water.

			<p>(ii) Burning of magnesium in air.</p> <p>(iii) Zinc with dilute sulphuric acid.</p> <p>iv) Heating of copper sulphate Crystals.</p> <p>v) Sodium sulphate with barium chloride in the form of their solutions in water.</p>
September	09	Revision and Half Yearly Exam.	
October	17	Concept of atomic mass, molecular mass, ions-cations and anions, polyatomic ions, writing the formulae of compounds by criss - cross method.	Different numbers and different coloured balls are connected with toothpicks to show models of different molecules like sulphur, water phosphorous and ammonia .
November	14	Electrons, Protons and Neutrons Valency Thomson's model of an atom	
December	15	Rutherford's gold foil experiment, Rutherford's model of an atom Drawbacks of his model.	
January	18	Bohr's model of atom, Atomic number, Mass number, Isotopes and Isobars with examples. Chapter completed .	To Verify law of Conservation of mass in a chemical reaction.
February	11	Revision and Annual Exam.	

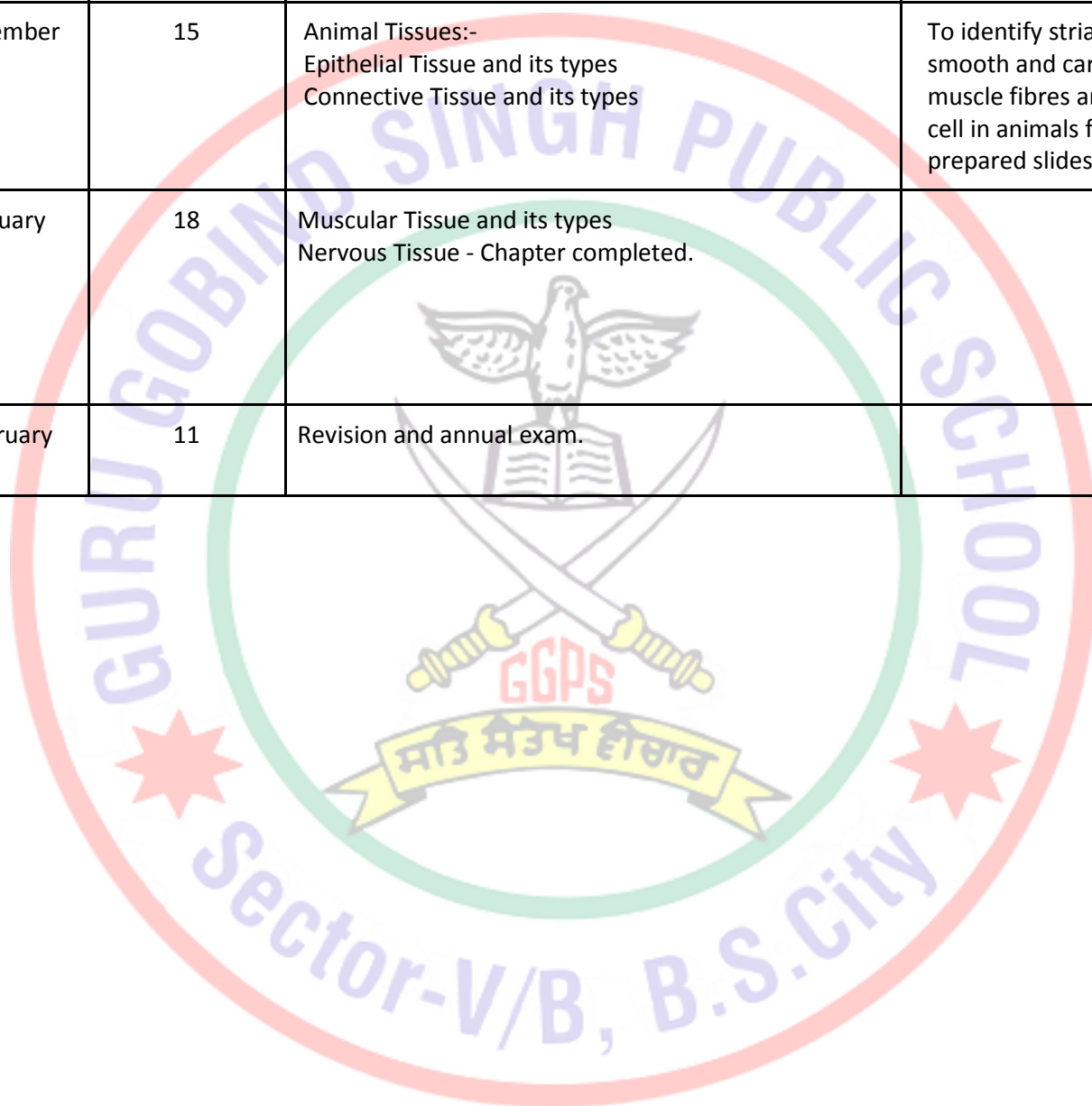
Sector-V/B, B.S.City

Subject: Biology

PRESCRIBED BOOK - NCERT

Month	Number of working days	Chapters to be covered and content wise break-up	Hand on Projects /Activities
April	17	Improvement of food resources (plant), Green revolution, Hybridization, Plant breeding, Crop variety improvement, Fertilizer and Manure.	To prepare stained temporary mount of onion peel and to study its cells. To identify some weeds like motha grass, chenopodium, amaranthus and carrot grass and their impacts on growing main crops.
May	10	Protection from pests and diseases. Organic farming Animal husbandry- Cattle farming.	To make an art integrated project comparing the major animal husbandry practices of Jharkhand and Telangana .
June	09	Poultry farming and Fish farming/production Bee- farming, chapter completed.	To observe the root nodules formation in legumes and their symbiotic association with nitrogen fixing bacteria Rhizobium by growing legume plants in pot or in the ground.
July	20	Cell-The basic unit of life- cell discovery. Cell wall and cell membrane Cell organelles and cell inclusions Chloroplast, Mitochondria and Vacuoles.	To prepare a temporary mount of human cheek epithelial cells and to study their characteristics.
August	21	Endoplasmic reticulum, Golgi apparatus, Nucleus, Chromosomes—basic structures and nuclear osmosis—chapter completed.	To prepare a model or chart to show the fluid mosaic model (Singer and Nicolson Model) of plasma membrane by using coloured balls toothpicks, cotton etc.
September	09	Revision and Half Yearly Exam	

October	17	Tissue-classification and function of plant tissue Meristematic tissue and its types (Location of meristematic tissues in plant body).	To identify parenchyma, collenchyma and sclerenchyma tissues in plants from prepared slides
November	14	Permanent Tissue and its types Simple Permanent Tissues Complex Permanent Tissues	
December	15	Animal Tissues:- Epithelial Tissue and its types Connective Tissue and its types	To identify striated, smooth and cardiac muscle fibres and nerve cell in animals from prepared slides.
January	18	Muscular Tissue and its types Nervous Tissue - Chapter completed.	
February	11	Revision and annual exam.	



SPLIT UP OF THE SYLLABUS [2023-24]
SUBJECT: HISTORY, CIVICS & ECONOMICS

Prescribed Books

1. INDIA AND THE CONTEMPORARY WORLD- I Textbook in History for Class IX –
2. DEMOCRATIC POLITICS- I Textbook in Political Science for Class IX –
3. ECONOMICS- Textbook for Class IX –

Publisher

NCERT
NCERT
NCERT

Month	No. of Working Days	Chapter name and content	Activity/Projects	Integrated syllabus
April	17	History: Chapter 1. The French Revolution <ul style="list-style-type: none"> French Society During the Late Eighteenth Century The Outbreak of the Revolution France Abolishes Monarchy and Becomes a Republic Did women have a Revolution? The Abolition of Slavery The Revolution & Everyday Life Conclusion Civics: Chapter 1. What is Democracy & Why Democracy? <ul style="list-style-type: none"> What is Democracy? Features of Democracy Why Democracy? Broader meaning Of Democracy Economics: Chapter 1. The Story of Village Palampur (To be assessed in the Periodic Assessment only) <ul style="list-style-type: none"> Introduction Organisation of Production 	Draw or Paste Political Symbols of French Revolution. Album on the French philosophers. Map Work Comparative case study on Pakistan, China, Mexico, and Zimbabwe. Draw the cartoon given in P.No-32 and comment on it.	Integrated with Geography and Literature. Integrated with Geography. Integrated with Geography.
May	10	Economics: Chapter 1. The Story of Village Palampur. Contd.) <ul style="list-style-type: none"> Farming in Palampur Non-Farm Activities in Palampur History: Chapter 2. Socialism in Europe and the Russian Revolution <ul style="list-style-type: none"> The Age of Social Change The Russian Revolution The February Revolution In Petrograd 	Graph 1.1 Several Farming Techniques	Integrated with Geography and Literature.

June	09	History: Chapter 2. Socialism in Europe and the Russian Revolution (Contd..) <ul style="list-style-type: none"> What Changed After October? The Global Influence of the Russian Revolution and the USSR. 	Map work Lenin and Stalin: Their Lives and Times	
July	20	Civics: Chapter 2. Constitutional Design. <ul style="list-style-type: none"> Democratic Constitution In South Africa Why Do We Need A Constitution? Making Of The Indian Constitution Guiding Values Of The Indian Constitution Civics: Chapter 3. Electoral Politics <ul style="list-style-type: none"> Why Elections? What Is Our System of Elections? What Makes Elections In India Democratic? Economics: Chapter 2. People as Resource <ul style="list-style-type: none"> Overview Economic Activities by Men and Women 	Paste the pictures of members of Drafting Committee. List of Indian constituencies	Integratd with Art. Integratd with Geography. Integrated with History and Geography
August	21	Economics: Chapter 2. People as Resource (Contd.) <ul style="list-style-type: none"> Quality of Population Unemployment History: Chapter 3. Nazism and the Rise of Hitler <ul style="list-style-type: none"> Birth of the Weimar Republic Hitler's Rise to Power The Nazi Worldview Youth in Nazi Germany Economics: Chapter 3. Poverty As a Challenge <ul style="list-style-type: none"> Introduction Poverty as seen by social scientists Poverty Line Poverty Estimates Vulnerable Groups 	Graph 2.1 Prepare a chart showing classification of various activities into the three sectors. Map work Biography of Hitler and his accomplishments. Graph 3.1	Integrated with Geography and Literature.
September	09	Revision for Half-Yearly Examination Discussion of Question Papers		
October	17	History: Chapter 3 .Nazism and the Rise of Hitler (Contd.) <ul style="list-style-type: none"> Ordinary People and the Crimes Against Humanity Economics: Chapter 3. (Contd.) <ul style="list-style-type: none"> Inter-State Disparities Global Poverty Scenario Causes of Poverty Anti-Poverty Measures The Challenges Ahead 	Draw the cartoon given in P.No.87 and comment on it. Role of government and their plans for reduction of poverty.	Integrated with Political Science.

		Civics: Chapter 5. Working of Institution (Up to Two Houses of Parliament) <ul style="list-style-type: none"> • How Is Major Policy Decision Taken? • Parliament 		Integrated with Geography .
November	14	Civics: Chapter 5.Working of Institution (contd.) <ul style="list-style-type: none"> • Political Executive • The Judiciary History: Chapter 4. Forest Society and Colonialism To be evaluated in the annual examination. <ul style="list-style-type: none"> • Why Deforestation? For Interdisciplinary Project <ul style="list-style-type: none"> • The Rise of Commercial Forestry • Rebellion in the Forest • Forest Transformations in Java 	Show various causes of deforestation in form of collage. Map work	Integratd with Geography and Art.
December	15	Civics: Chapter 6. Democratic Rights <ul style="list-style-type: none"> • Life Without Rights • Rights In A Democracy • Rights In The Constitution • Expanding Scope of Rights Economics: Chapter 4. Food Security In India <ul style="list-style-type: none"> • What is food security? • Why food security? • Who are food-insecure? • Food Security in India • What is buffer stock? • What is the Public Distribution System 	List of nominated members of the Rajya Sabha. Flowchart on fundamental rights and duties. Different schemes launched by the government of India to provide food security to the poor. Graph: 4.1	Integrated with Geography and Art. Integrated with History and political science.
January	18	Economics: Chapter 4. Food Security In India (Contd.) <ul style="list-style-type: none"> • Current Status of Public Distribution System • Role of Cooperatives in food security History: Chapter-5. Pastoralists in the Modern world (To be assessed in the Periodic Assessment only) <ul style="list-style-type: none"> • Pastoral Nomads and their Movements • Colonial Rule and Pastoral Life • Pastoralism in Africa 	Growth of food grains production in India since independence. Graph: 4.2 Comparative case study between Indian and African pastoralists. Map Work.	Integrated with geography and economics.
February	11	Revision & Annual Examination		

LIST OF MAPS: HISTORY

CH-1 French Revolution : Outline political map of France Locate/label/identify;

- Bordeaux, Nantes, Paris, Marseille

CH-2 Socialism in Europe: Outline political map of World Locate/label/identify major countries of World War;

- Central Powers- Germany, Austria-Hungary, Turkey (Ottoman Empire)

- Allied Powers-France, England, Russia, USA



GURU GOBIND SINGH PUBLIC SCHOOL

SPLIT UP OF THE SYLLABUS [2023 – 24]

CLASS: IX

SUBJECT: GEOGRAPHY

Prescribed Book

Publisher

1. Contemporary India - 1 (Geography) - NCERT

MONTHS	No. of W.D.	NO.& NAME OF LESSON	TOPICS TO BE COVERED	ACTIVITY	PROJECT
APRIL	17	LESSON-1. INDIA-SIZE & LOCATION	Location, Size, India & The World, India's Neighbours.	Lesson-1. Map Skill	
MAY	10	REVISION OF LESSON-1 Lesson -2. Physical features of India	Location, Size, India & The World, India's Neighbours. Introduction of the chapter Major physiographic division		<i>PREPARE A PROJECT ON- "Comparative study on Goa And Jharkhand of sports and culture"</i>
JUNE	09	LESSON-2. PHYSICAL FEATURES OF INDIA	The Himalayan Mountains, The Northern Plains.		
JULY	20	LESSON-2. PHYSICAL FEATURES OF INDIA	The Peninsular Plateau, The Indian Desert, The Coastal Plains, The Island.	Lesson-2.Map Skill.	
		LESSON-3. DRAINAGE	Drainage (Term) Drainage Basin & Water Divide. Drainage System in India, The Himalayan Rivers.	Lesson-3.Draw the diagram of river patterns & Write the way of formation.	
AUGUST	21	LESSON-3. DRAINAGE	The Peninsular Rivers, Lakes, Role of rivers in the economy, River Pollution.	Lesson-3. Map Skill.	
		LESSON-4. CLIMATE	Weather & Climate, Climatic Controls, Factors Affecting India's Climate.		
SEPTEMBER	09	LESSON-4. CLIMATE REVISION & HALF YEARLY EXAMINATION	Climate & Associate		
OCTOBER	17	LESSON-4.CLIMATE	The Seasons-The Cold Weather, The Hot Weather,	Graphical study of temperature & rainfall.	
NOVEMBER	14	LESSON-4.CLIMATE.	Distribution of Rainfall	Lesson-4.Map Skill.	
DECEMBER	15	LESSON-5.NATURAL VEGETATION & WILDLIFE	Introduction- Natural Vegetation, Flora & Fauna, Relief, Climate, Ecosystem, Types of vegetation.	Collect any five (5) medicinal plants leaf & write their medicinal properties /values.	
JANUARY	18	LESSON – 6. Population	Wildlife- Total population of wildlife, types and their habitats, importance, causes Size and distribution and population growth and population density , process of population growth.	Lesson-5.Map Skill.	
FEBRUARY	11	Revision	Revision for Annual Examination	Map skill.	

ARTIFICIAL INTELLIGENCE (CODE 417)

Syllabus (Session 2023-2024)**Book Prescribed:-****Publication:-**

Month's Name	No. of working days	Unit No./ Title	Content/Topic	Activity/Practical
April	17	PART A Unit 1: Communication Skills –I	*Methods of communication. * Meaning of communication Importance of communication skills ☐ Elements of communication Cycle *Perspectives in Communication. *Factors affecting perspectives in Communication. *Basic Writing skills * Basic Speaking Skills	LAB ACTIVITY: Creating Spreadsheet
		PART B Unit 1 :Introduction to Artificial Intelligence (AI) Sub Unit : EXCITE	*Introduction of AI , AI History *Meaning of Artificial Intelligence *Fields closely related to Artificial intelligence *Important phases in development of AI . *Types of AI *Real life usage of AI *Limitation of Weak AI	Ice Breaker Activity: Dream Smart Home idea Learners to design a rough layout of floor plan of their dream smart home.
May	10	PART B Unit 1 :Introduction to Artificial Intelligence (AI) Sub Unit : EXCITE RELATE:	*Three domains of Artificial Intelligence . Recommended Activity: AI Quiz (Paper Pen) The Relevance of AI in daily life *Six Dimensions of AI *Smart Living : Smart Homes to Smart Cities *Phases in development of smart cities *Data for smart cities	<ul style="list-style-type: none"> Game 1: Rock, Paper and Scissors (based on data) Game Mystery Animal (based on Natural Language Processing - NLP) Game 3: Emoji Scavenger Hunt (based on Computer Vision - CV) Activity: Write an Interactive Story
June	09	PART B Unit 1 :Introduction to Artificial Intelligence (AI)	Using AI to Achieve SDGs *Understanding the SDGs , How AI to achieve SDGs.	Recommended Activity: Go Goals Board Game Learners to answer questions on Sustainable Development Goals Activity:

		Sub Unit : PURPOSE		SOF Nation Cyber Olympiad: MCQ based on Fundamentals of computer
July	20	PART B Unit 1 :Introduction to Artificial Intelligence (AI) Sub Unit : POSSIBILITIES	*Application of AI in various fields *Types of AI careers	Poster making of Job Advertisement
		PART B Unit 1 :Introduction to Artificial Intelligence (AI) Sub Unit : AI ETHICS	ETHICAL CONCERNS RELATED TO AI ACCESS *Concerns related to data management *Ethical concerns related to adoption of the AI systems	Recommended Activity: AI Quiz(Paper Pen)
		PART A Unit 2: Self Management Skills – I	*Meaning of self management. *Positive results of self management. *Self-management skills. * Factors that help in building self-confidence * Self-confidence building tips	Activity: Prepare points for debate in favour of AI and against of AI .
August	21	PART B Unit – II : AI PROJECT CYCLE Sub unit : PROBLEM SCOPING	*Introduction to AI project Cycle Framework * Problem Identification *Steps of Problem Scoping	SOF Nation Cyber Olympiad: MCQ based on Fundamentals of Networking
		DATA ACQUISITION	*Types of data *Big data its significance ,uses	Activity : Write the elements of WATER CYCLE and draw the system map of Water cycle .
		DATA EXPLORATION	*Data Visualization *Data Visualization tools	
		MODELLING	*Data modelling methods *Decision Tree *Evaluation and Deployment	
September	09	Revision & Half Yearly Examination		
October	17	PART A Unit 3: Basic ICT Skills - I	* Introduction to ICT *Role and importance of ICT ICT tools – Mobile, tab,radio, TV, email, etc. *Basic components of computer system. * Various peripheral devices and their use. *Basic computer Operations	Lab Activity : *Introduction to PYTHON Language . *PYTHON BASICS

			* Operating Systems (OS) & its types . * Introduction to Internet. Applications of Internet Working of E-mail	
November	14	PART B Unit – III : Neural Networks	*Introduction to Neural Networks *Use of Neural Networks in our everyday life *Relation between Networks and Human Nervous System	Lab Activity : *INBUILT FUCTION PRINT() *COMMENTS , MULTI-LINE COMMENTS
			*Artificial Neural Networks (ANN) *Struggles in creating Brain – Like Neural Networks *Difference between Neural Networks and Convention Computing	Lab Activity : *VARIABLES AND RULES FOR NAMING VARIABLES IN PYTHON *DATA TYPES *ARITHMETIC OPERATORS
December	15	PART A Unit 4: Entrepreneurial Skills – I	Types of businesses – service, manufacturing, hybrid. Types of businesses found in our community Business activities around us. Meaning of Entrepreneurship Development. Distinguishing characteristics of entrepreneurship. Role and rewards entrepreneurship	Lab Activity : *STATEMENTS AND EXPRESSIONS*INBUILT FUNCTION INPUT () *MORE ON PRINT ()
January	18	PART B Unit – III : Neural Networks	*Application of Neural Networks *How Neural Networks Learn ? *Information Flows Through Neural Networks	
		PART A Unit 5: Green Skills – I	Introduction to environment. Relationship between society and environment, ecosystem and factors causing imbalance. Natural resource conservation. Environment protection and conservation. Definition of green economy Importance of green Economy	Lab Activity : PYTHON LISTS
February	11	Revision & Annual Examination		
Note: Whole syllabus will be covered in the Annual Examination				