

Guru Gobind Singh Public School

Bokaro /Chas/Dhanbad



Syllabus

2025 – 26

Class: IX



GURU GOBIND SINGH PUBLIC SCHOOL

Sector-V/B, Bokaro Steel City

TERM AND MONTH-WISE SPLIT-UP SYLLABI FOR CLASS – IX FOR THE SESSION 2025-26

Subject: English Communicative (101)

Text Books: 1. Main Course Book, CBSE, New Delhi
2. Interact in English, Literature Reader, CBSE, New Delhi
3. Workbook, CBSE, New Delhi

Month	No. of working Days	BOOK/ SECTION	UNIT/CHAPTER	ACTIVITIES/ PROJECT	BOOK/PUBLISHER	PERIODIC TEST
April	17	LR WR MCB WB	Fiction: <i>How I Taught My Grandmother to Read.</i> Poetry : <i>The Brook</i> Notice Writing; Informal Letter Writing Unit – 1. People a. Exemplary Leader b. A Burglary Attempt c. Can You Know People You Haven't Met Unit 1 - Verb Forms/Tense Unit 4- Modals		1. Interact in English, Literature Reader. CBSE, New Delhi 2. Main Course Book, CBSE, New Delhi 3. Workbook, CBSE, New Delhi	PT 1 Dated: 21.04.2025 L-1 How I Taught My Grandmother to Read WS: Notice Writing RS: Unseen Passage GR: (i) Tenses (ii) Modals
May	07	LR WB WR	Fiction: <i>A Dog Named Duke</i> Unit 2-Determiners Dialogue Writing	In a project file, share the following memories and experiences. (i) A memorable holiday spent with your grandmother. (ii) The things you admire the most of your grandmother. (iii) With her photograph, write a paragraph on your grandmother.		

June	12	LR WB WR	Poetry: <i>The Road Not Taken</i> Unit-2 Determiners &Tenses (cont.), Reported speech(Commands and Request, Statements, Questions) Informal Letter			
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July	24	LR MCB WB WR	Fiction: <i>The Man Who Knew Too Much.</i> Drama : <i>Villa for Sale</i> Unit 2: Adventure a. The Final Flight b. The Sound of the Shell c. Ordeal in the Ocean Unit-4 : Subject – verb concord, Error of Edition, Sentence Reordering Informal Letter Writing - Paragraph Writing(based on verbal or visual cues)			PT 2 Dated: 14.07.2025 L-2 A Dog Named Duke P-1 The Brook P-2 The Road Not Taken WS : Dialogue Writing GR : (i) Reported Speech (ii) Determiners
August	21	LR MCB WB WR	Poetry: <i>The Solitary Reaper</i> Unit – 3 : Environment a. The Indian Rhinoceros b. Save Mother Earth c. Save The Tiger Unit – 4 : The Class IX Radio and Video Show a. Radio Show b. Video Show Clauses- Noun clauses Adverb clauses Relative clauses Notice Dialogue writing			PT 3: Dated:18.08.25 D1: Villa for Sale F3 The Man Who Knew Too Much WS: Informal Letter GR: (i) Clauses (ii) Subject-Verb Agreement
September	07		Revision & Half – Yearly Examination			PT-4 Dt. 04.09.2025 P3:The Solitary Reaper WS: Paragraph Writing GR(i) Sentence Reordering (ii) Error of Edition

October	13	LR MCB WB WR	Fiction 4 : <i>Keeping it from Harold</i> Poetry : <i>Song of The Rain</i> Unit – 5 : Mystery a. Bermuda Triangle b. The Invisible Man c. The Tragedy of Birlstone d. Harry Potter Active & Passive Voice Dialogue Writing			
November	17	LR MCB WB WR	Poem : <i>The Seven Ages</i> Fiction : <i>Best Seller</i> Unit – 6 : Children a. Tom Sawyer b. Children of India c. Children and Computers d. Life Skills e. We are the world Active & Passive Voice (Cont.), Gap Filling(Practice) Informal Letter Writing			
December	19	LR MCB WB WR	Poetry : <i>Oh, I Wish I'd Looked After Me Teeth</i> Drama : <i>The Bishop's Candlesticks</i> Unit – 7 : Sports and Games a. Grandmaster Koneru Humpy Queen of 64 Squares. b. Its Sports Day c. Hockey and Football Sentence Reordering/Transformation Edition/Omission Paragraph Writing(contd.)	Research and present local traditions, festivals music and art forms of Bokaro Steel City . Present in the form of pictures and writings in a project file.		PT 5 Date 01.12.2025 F4: Keepiing It From Harold F5: Best Seller P4: The Seven Ages P5 Oh,I Wish I'd Looked After Me Teeth WS: Informal Letter GR: (i) Sentence Transformation (ii) Error of Omission
January	14	LR WR	Drama : <i>The Bishop's Candlesticks(continued)</i> Notice Writing Revision of Integrated Grammar			
February	05		Revision Annual Examination			

HINDI Course A
Syllabus (2025-26)
CLASS---IX पाठ्यक्रम 'अ' कोड सं. 002

Month's Name	No. of working days	Chapter No./ Title	Project/ Assignment	Periodical test portion
पुस्तकों के नाम--(1) क्षितिज भाग 1, (2) कृतिका भाग 1, (3) व्याकरण सॉविनिर 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	07	अनुच्छेद लेखन, पत्र लेखन, अपठित पद्यांश		PT--1 F.M:-25 1.कबीर (सबद-1×3=3 साखियां 2+2=4 2. दो बैलों की कथा (2×3=6) 3. उपसर्ग/प्रत्यय-4+3=7 4. औपचारिक पत्रलेखन (5)
जून	12	गद्य पाठ-- ल्हासा की ओर पद्य पाठ -- वाख कृतिका--इस जल प्रलय में व्याकरण-- संवाद लेखन, अर्थ के आधार पर वाक्य	परियोजना कार्य भारत के किन्हीं 4 राज्यों की बाल मजदूरी स्थिति का तुलनात्मक अध्ययन करें।	
जुलाई	24	गद्य पाठ-- उपभोक्तावाद की संस्कृति पद्यपाठ -- कैदी और कोकिला , कृतिका-- इस जल प्रलय में व्याकरण -- समास, पत्र लेखन		PT--2 F.M.--25 1.सवैये पहला पद(पद्य) 2. ल्हासा की ओर 3. समास-(तत्पुरुष समास, द्वंद्व समास, द्विगु समास, बहुव्रीहि समास 4. संवाद लेखन
अगस्त	21	गद्य पाठ- सांवले सपनों की याद पद्य पाठ -- सवैये कृतिका --पुनरावृत्ति कार्य व्याकरण-- अलंकार(शब्दालंकार -		

		अनुप्रास, यमक), लघुकथा लेखन			
सितंबर	07	पुनरावृत्ति कार्य (प्रथम सत्र की परीक्षा)			
अर्धवार्षिक परीक्षा					
अक्टूबर	13	गद्य पाठ--प्रेमचंद के फटे जूते पद्य पाठ-- ग्राम श्री कृतिका- मेरे संग की औरतें व्याकरण--अलंकार (श्लेष अलंकार) ई-मेल लेखन		सड़क सुरक्षा जीवन रक्षा पर परियोजना तैयार करें।	PT--3. F:M:--25 1. कैदी और कोकिला 2.सांवले सपनों की याद 3.अर्थ के आधार पर वाक्य भेद 4.ईमेल लेखन
नवंबर	17	गद्य पाठ -- मेरे बचपन के दिन कृतिका-मेरे संग की औरतें व्याकरण-- निबंध लेखन, पत्र लेखन , सूचना लेखन			
दिसंबर	19	पद्य पाठ- मेघ आए कृतिका- रीढ़ की हड्डी व्याकरण-- अर्थ के आधार पर वाक्य भेद समास,अनुच्छेद लेखन,			PT--4. F:M:--25 1. मेरे बचपन के दिन 2.ग्राम श्री 3.समास 4.लघु कथा लेखन
जनवरी	14	पद्य पाठ-- बच्चे काम पर जा रहे हैं गद्य पाठ--- पुनरावृत्ति कार्य कृतिका---रीढ़ की हड्डी व्याकरण--अपठित गद्यांश ,अपठित पद्यांश अलंकार			
फरवरी	05	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 2025-2026

कक्षा-नवमी

पाठ्यक्रमानुसार निर्धारित पाठ्य पुस्तकें

1. संस्कृतमणिका — पाठ्यपुस्तकम भाग-1 प्रकाशनम रा०शै०प्र० अनु०।

2. संस्कृत व्याकरण — सरस्वती मणिका व्याकरण भाग-1, सरस्वती पब्लिकेशन
पाठ्यक्रम का मासिक विभाजन—

अप्रैल (17) : पाठ्यपुस्तकात्
पाठः 1 — अविवेकं परमापदां पदं
पाठः 2 — पाथेयम्

व्याकरणानि: स्वरसन्धिः—दीर्घ, गुण, वृद्धि, यण, अयादि
व्यंजन सन्धिः— वर्गीय प्रथम वर्णस्य तृतीयवर्ण परिवर्तनम्,म् स्थाने अनुस्वारः।

विसर्ग सन्धिः— उत्त्वम्, रुत्वम्, सत्वम्
संवादपूर्ति/कथापूर्ति: अपठित गद्यांश पत्र लेखनम्, चित्रलेखनम् अनुच्छेदम् च।
मई (07) व्याकरणानि : संख्यावाची शब्द 01-100 पर्यन्तम् (1-4 केवल प्रथम-विभक्तौ)
उच्चारण स्थानानि

गतिविधि कार्यम् :वर्णानाम् उच्चारण स्थानानि सचित्र तालिका।

प्रथम समसामयिकी परीक्षा — पाठात्—पाठ 1 अविवेकं परमापदां पदं,

पाठ 2 पाथेयम् पठित पद्यांशम्/गद्यांशम्

व्याकरणात् — संवाद लेखनम्, उच्चारण स्थान, संख्या, प्रत्यय
— क्त्वा, तुमुन्, ल्यप्

परियोजना कार्यम्

झारखण्ड राज्य तेलंगाना राज्य भोजनम् कला संस्कृति विषय
तुलनात्मक अध्ययनम्।

जून (12) 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 मेलयत। परियोजना कार्यम् — पर्यावरणस्य महत्त्वम्
अथवा संस्कृत भाषायाः महत्त्वम्

जुलाई (24): पाठः 4 : विद्यया भान्ति सद्गुणाः

व्याकरणानि : पाठाधारित-कथापूर्ति

उपपद विभक्तिभिः — 1. द्वितीया — निकषा, प्रति, विना,

पस्तिः, समया, 2. तृतीया—समम, साकम्, सार्धम्, सह, विना,

अलम्, 3. चतुर्थी—रुच कुप, दा, नमः, शब्दरूपाणि:

सर्वनाम—अस्मद्, युष्मद्, किम् त्रिषु लिङ्गेषु

द्वितीय समसामयिकी परीक्षा— पाठात्—पाठ — 3 विजयतां स्वदेशः

पाठ 4 विद्यया भान्ति सद्गुणाः — पठित गद्यांश

व्याकरणात् — पठित, अवबोधनम्, संवाद लेखनम्, धातु रूप, शब्द
रूप, उपपद विभक्ति।

- अगस्त (21) : पाठः 5 : कर्मणा याति संसिद्धिम पाठाभ्यासकार्यम्
संवादपूर्ति/कथापूर्तिः, गद्यांश, नाट्यांश, पद्यांश (अभ्यासकार्यम्)
व्याकरणानि: अव्ययानि, प्रसंगानुसारम् अर्थचयनम्
- सितम्बर (07): सम्पूर्ण पाठानाम व्याकरणानाम च पुनरावृत्तिः कार्यम् तथा अर्द्धवार्षिकी परीक्षा शुभारम्भः
- अक्टूबर (13) : पाठः 6 : तत त्वम् असि ।
पाठः 7 : तरवे नमोऽस्तु – सरलार्थम् पाठाभ्यासकार्यम् श्लोकांश च ।
व्याकरणानि : अपठितगद्यांश, पत्रलेखनं, चित्रलेखनम्,
स्वर सन्धि दीघ, गुण, वृद्धिः यण, अयादि च
प्रत्ययाः— क्त्वा, ल्यप, तुमुन, शतृ
शब्दरूपाणि—बालकवत्, लतावत्, फलवत्, नदीकम्
साधुवत्, धातुरूपाणि—अस, कृ पठ पा, सेव, पंचलकारेषु
- तृतीय समसायिकी परीक्षा – पाठात् – पाठ-6 तत त्वम् असि ।
पाठ 7 तरवे नमोऽस्तु – पठित गद्यांश/पद्यांश
व्याकरणात् – अपठित गद्यांश, संधि प्रकरणम्, संख्या, अव्यय
- नवम्बर (17): पाठः 8 : न धर्मवृद्धेषु वयः समीक्ष्यते
व्याकरणानि: उपपदविभक्तिभिः—
1. पंचमी – विना, बहिः, भी, रक्षा, षष्ठी – उपरि, अधः, पुरतः, पृष्ठतः
सप्तमी—स्निह, निपुणः, विश्वस तृतीय सावधिक परीक्षा,
परियोजना कार्यम् – कर्ता क्रिया अन्वितिः श्वेतकर्गदोपरि ।
- दिसम्बर (19): पाठः 9 : कवयामि वयामि यामि
पाठः 10 भारतीय विज्ञानम् (केवलम् पठनार्थम्)
व्याकरणानि – पुनरावृत्ति कार्यम् – पाठाधारितम् सन्धिकार्यम् ।
पठितगद्यांश, पत्रलेखन, चित्रलेखनम्
- चतुर्थ समसायिकी परीक्षा – पाठात् – पाठ-8 न धर्मवृद्धेषु वयः समीक्ष्यते
पाठ 9 कवयामि वयामि यामि— गद्यांशम्/नाट्यशम्
व्याकरणात् – उपपद विभक्ति, शब्दरूप, धातुरूप, पाठात् कथापूर्ति
- जनवरी (14): पाठः 11 – भारतेनास्ति मे जीवनं जीवनम् (केवलम् पठनार्थम्)
व्याकरणानि – सम्पूर्ण पाठानाम व्याकरणानाम च पुनरावृत्तिः ।
- फरवरी (5): पुनरावृत्ति कार्यम् तथा वार्षिकी परीक्षायाः शुभारम्भः सम्पूर्ण पाठेभ्यः व्याकरणेभ्यः ।

Class IX**Subject :Mathematics****PRESCRIBED BOOK : 1. Mathematics for Class IX (NCERT) , (NCERT Exemplar)****2. Mathematics Lab Manual Class IX (JAINCO PUBLISHERS)****REFERENCE BOOK: Mathematics For Class 9 (Bharti Bhawan, R S Aggarwal)****Syllabus for the year – (2025-26)**

Month	No. of Working Days	Chapter name and content	Activity/Projects	Periodic test portion
April	17	NUMBER SYSTEMS Introduction, 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, Operations on real numbers, Rationalisation of the denominator, Laws of exponents of real numbers. POLYNOMIALS Introduction, Polynomial in one variable, zeroes of a Polynomial, Factor Theorem, Factorization of polynomials	Activity: To construct a square root of any given positive real number x .	Portion for PT – 1 (28/04/2025). 1) Number system
May	7	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 $(a+b)^3 = a^3 + 3a^2b + 3ab^2 + b^3$.	
June	12	INTRODUCTION TO EUCLID'S GEOMETRY Introduction, Euclid's Definition, Axioms & Postulates, Equivalent Version of Euclid's 5 th Postulate.		Portion for PT - 2 (30/06/2025) 1) Polynomials 2) Co-ordinate Geometry
July	24	HERON'S FORMULA Introduction, Area of triangle by Heron's Formula, LINES AND ANGLES Introduction, Basic terms & Definition, Intersecting lines & Non-Intersecting Lines, Pair of angles. Parallel lines & a Transversal, Lines Parallel to same line.		Portion for PT - 3 (21/07/2025) 1) Euclid's Geometry 2) Heron's Formula
August	21	TRIANGLES Introduction, Congruence of Triangles, criteria for Congruence of Triangles, some properties of a triangle Some more criteria for Congruence of Triangles.	To find Median of a triangle by paper folding activity.	

September	07	Revision for Half-Yearly Examination Discussion of Question Papers		
October	13	LINEAR EQUATION IN TWO VARIABLES Introduction, Geometrical/Graphical Representation of Linear equations, solution of a Linear equation QUADRILATERALS: Introduction , Properties of parallelogram. . Mid-Point Theorem	Verify the mid-point theorem for a triangle, using paper cutting and pasting method	Portion for PT - 4 (06/10/2025) 1) Lines and angles 2) Triangles
November	17	CIRCLES Introduction, Angle subtended by a chord at a point, Perpendicular from the center to a chord. Equal chord and their distance from the center. Angle subtended by an arc of a circle. Cyclic Quadrilaterals.	To verify that the opposite angles of a cyclic quadrilateral are supplementary.	
December	19	SURFACE AREAS AND VOLUMES Introduction, Surface Areas And Volumes Surface Area of a right circular cone, surface area of sphere, volume of a right circular cone, volume of sphere		Portion for PT - 5 (08/12/2025) 1) Linear equation of two variables 2) Circles
January	14	STATISTICS Introduction, Presentation of data, Graphical representation of data 1. Bar graph 2. Histogram 3. Frequency Polygon.		Portion for PT - 6 (19/01/2026) 1)Surface area and Volume 2) Statistics
February	05	Revision for Annual Examination		

Class IX**Subject- Physics**

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

MONTH WISE SYLLABUS BREAK-UP

SESSION: 2025 – 26

Month/ Working Days	Chapter/ Topics	Content/Sub-topics in Detail	Experiment/Project/Activity	Periodic Test Portion
April/ 17	Motion	Describing motion, Motion along a straight line, Distance and displacement, speed and velocity, Uniform Motion and Non-Uniform Motion acceleration.	1. Discuss whether the walls of your classroom are at rest or in motion. 2. Graphical Representation of various types of Motion.	Portion Of Periodic Test 1 Date:15/4/2025 Rest And Motion, Distance And Displacement, Uniform Motion And Non Uniform Motion.
May/ 07	Motion	Distance – time and velocity-time graphs for uniformly accelerated motion.	3. To plot distance–time graph and find speed.	
June/ 12	Motion Contd..),	Elementary idea of uniformly circular motion.	4. To plot velocity- Time graph and find acceleration. 5. Demonstration of uniform circular motion	
July/ 24	Force and Newton's Laws of Motion:	Balanced and Unbalanced Force and Newton's first law of Motion, Idea of inertia, Inertia and mass, Inertia of motion, Linear momentum and Newton's second law of motion, Mathematical formulation of Newton's second law of motion, Force and acceleration Action and reaction forces, Newton's third law of motion, applications of Newton's third law of motion.	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. 3. Activity from NCERT book.	Revision Of Chapter 8 – Motion. Portion Of Periodic Test 2 Date: 08/07/2025 Chapter:8 Motion (Whole Chapter).
August/ 21	Gravitation	Introduction of Gravitation, Universal Law of Gravitation, Importance of Universal law of gravitation, free fall, Force of Gravitation on the Earth(gravity), Acceleration due to Gravity, calculation of acceleration due to gravity, Mass and Weight, Weight of an object on the Moon.	1. To establish the relationship between weight of a rectangular wooden block using spring balance 2. Activity from NCERT book.	Revision Of Chapter 9 Force And Laws Of Motion. Portion Of Periodic Test 3 Date:25/08/25 Chapter 9- Force And Laws Of Motion (Whole Chapter).
September/07	Revision, Half Yearly Examination, Discussion of Previous question Question Paper		3. To determine the density of solid (denser than water) by using a spring balance and a measuring cylinder.	

October/ 13	Flotation	Thrust and Pressure, Pressure in Fluids, Buoyancy, Archimedes' Principle.	4. To establish the relation between the loss in weight of a solid. When fully immersed in (i) Tap Water (ii) Strong Salt water.	
November/ 17	Work and Energy	Work, Work done 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),		Revision Of Chapter 9: Flotation Portion Of Periodic Test4 Date: 25/11/2025 Chapter 9: Flotation
December/19	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 /14	Sound	Reflection of Sound, Echo, Range of Hearing, Ultrasound, applications of ultrasound.		Revision Of Chapter:10 Work ,Energy And Power. Portion Of Periodic Test5 Date: 12/01/2026 Chapter:10 Work ,Energy And Power Revision Of Chapter:11 Sound Portion Of Periodic Test 6 Date: 27/01/26 Chapter:11 Sound
February /05	Revision for Examination			

CLASS: IX

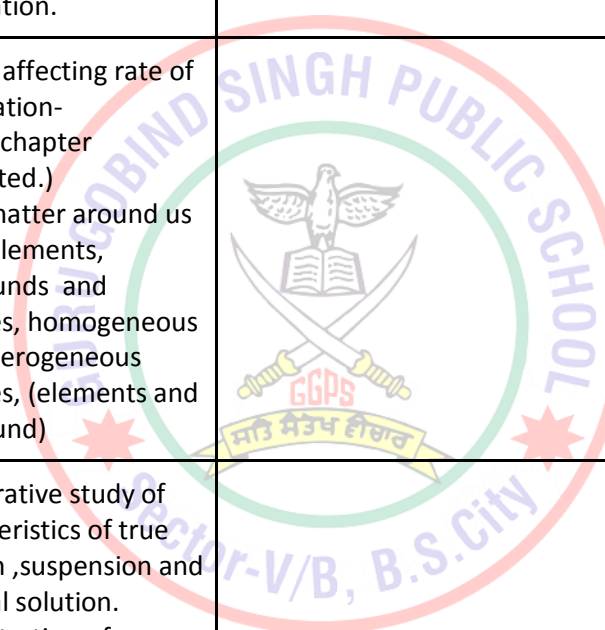
SUBJECT: CHEMISTRY

MONTH WISE SYLLABUS BREAK-UP

PRESCRIBED BOOK – NCERT

SESSION: 2025 – 26

Month Wise and Breakup of the Chapters Content Wise.

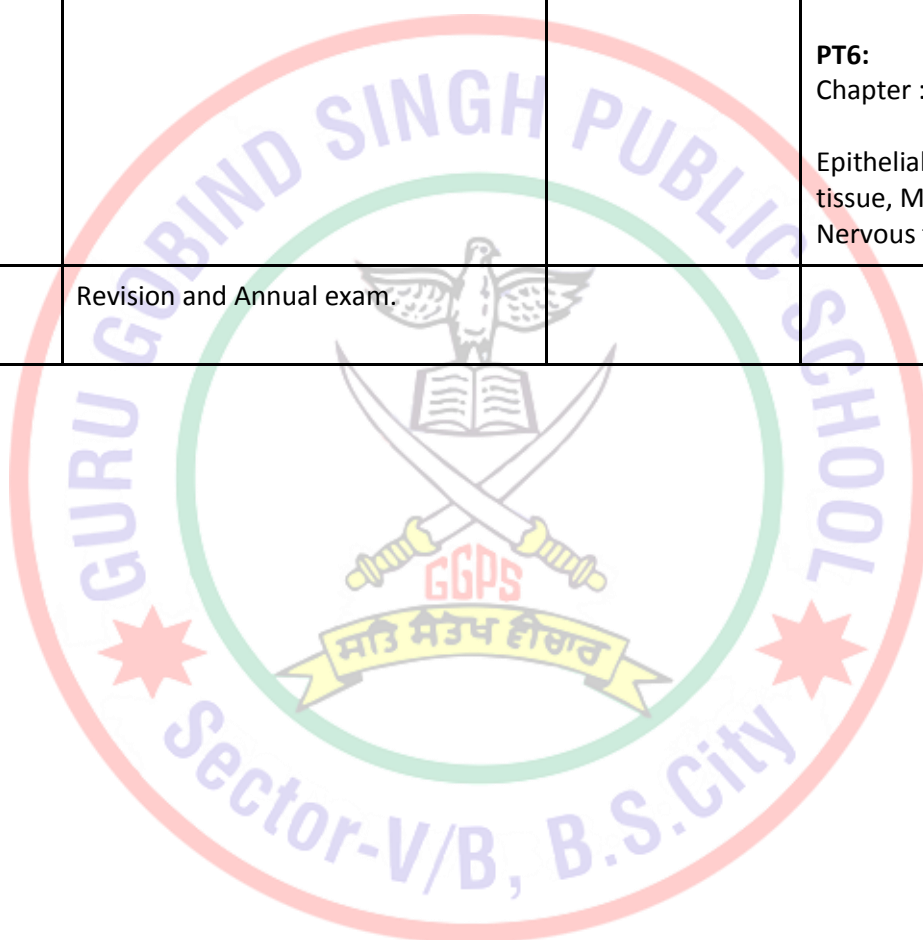
Months	No. of Working days	Chapters to be covered	Activity/Project	Periodic Test Portion
April	17	Ch.1 Matter In our Surroundings: Definition of matter, different states of matter and their characteristics, concept of latent heat, change of states- melting, freezing, evaporation, condensation and sublimation.	*To prepare a True solution of common salt in water To prepare the suspension of Soil in water. * To prepare a Colloidal solution of starch in water and distinction on the basis of (i) transparency (ii) filtration criterion (iii) stability	PT1: Chapter 1- Matter in Our Surrounding Physical Nature of Matter, Characteristics of particles of Matter, States of Matter
May	07	Factors affecting rate of evaporation- matter(chapter completed.) L-2 Is matter around us pure –elements, compounds and mixtures, homogeneous and heterogeneous mixtures, (elements and compound)		
June	12	Comparative study of characteristics of true solution, suspension and colloidal solution. Concentration of Solutions. Types of Pure substances.		
July	24	Physical and chemical change (chapter completed).		PT2: Chapter 1- Matter in Our Surrounding Can a matter change its state, Latent heat, Effect of change of temperature, Effect of change of Pressure, Evaporation, Factors effecting evaporation, How does cause cooling?
August	21	Atoms and molecules- Laws of chemical combinations. Dalton's atomic theory,	To carry out the following reactions and classify them as physical and chemical changes.	PT3: Is Matter around us Pure? (Complete chapter)

		What is an atom, atomic size, symbol. what is molecule? Difference between atom, ion, molecule.	(i) Iron with copper sulphate solution in water. (ii) Burning of magnesium in air. (iii) Zinc with dilute sulphuric acid. (iv) Heating of copper sulphate Crystals. (v) Sodium sulphate with barium chloride in the form of their solutions in water.	
September	07	Revision and Half Yearly Exam.		
October	13	Concept of atomic mass, molar mass, valency, ions-cations and anions, polyatomic ions, writing the formulae of compounds by criss – cross method.		
November	17	Structure of atom- discovery of electrons, Protons and neutrons, properties of cathode ray and anode ray.	To separate the components of a mixture of sand, common salt and ammonium chloride (or camphor)	PT4: Chapter 3 -Atoms & Molecules Law of chemical combination, What is an Atom?, Modern days symbol of Atoms of different elements, Atomic mass, How do atoms exist?
December	19	Thomson's model of atom, Rutherford's gold foil experiment, Rutherford's model, drawbacks of his model.		
January	14	Bohr's model of atom, atomic number, mass number, isotopes and isobars with examples. Chapter completed. Thorough revision and discussion from sample papers.	To Verify law of Conservation of mass in a chemical reaction.	PT5: Chapter 3 -Atoms & molecules What is a molecule?, Molecules of an element, Molecules of a Compound, What is an Ion?, Writing chemical formulae, Formula of simple compound, Molecular mass/ Formula unit mass PT6: Chapter 4- Structure of the Atom (Introduction), Thomson's model of an Atom, Rutherford's Model of an Atom, Bohr's model of an Atom, How are electrons distributed in different orbits (Shell)?, Isotopes & Isobars
February	5	Revision and Annual Exam.		

MONTH WISE SYLLABUS BREAK-UP
SESSION: 2025 – 26

Month	Number of working days	Chapters to be covered and content wise break-up	Project / Activity	Periodic Test Portion
April	17	Improvement in 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.	PT1: Improvement in crop yields, Crop variety improvement
May	07	Protection from pests and diseases. Organic farming Animal husbandry- Cattle farming.		
June	12	Poultry farming and Fish farming/production Bee- farming, chapter completed.		
July	24	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.	PT2: Crop protection management, Nutrient Management, Manure & Fertilizers, Irrigation, Cropping Pattern, Storage of grains, Cattle farming, Fish Production and Bee keeping
August	21	Endoplasmic reticulum, Golgi apparatus, Nucleus, Chromosomes—basic structures and nuclear osmosis—chapter completed.		PT3: Chapter: Fundamental Unit of Life Introduction to Cell, Structural organization of a cell, Cell wall ,Plasma membrane
September	07	Revision and Half Yearly Examination		
October	13	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	17	Permanent Tissue and its types Simple Permanent Tissues Complex Permanent Tissues		PT4: Chapter: Fundamental Unit of Life Nucleus , Cytoplasm, Cell Organelles, Endoplasmic Reticulum, Golgi Apparatus, Lysosomes

December	19	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	14	Muscular Tissue and its types Nervous Tissue - Chapter completed.		PT5: Chapter : Tissue(Plant Tissue) Meristematic tissue, Permanent tissue ,Simple Permanent tissue, Complex Permanent tissue. PT6: Chapter : Tissue(Animal Tissue) Epithelial tissue, Connective tissue, Muscular tissue, Nervous tissue,
February	5	Revision and Annual exam.		



Social Science (087)

CLASS: IX

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 –

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MONTH WISE SYLLABUS BREAK-UP

SESSION: 2025 – 26

Month	No. of Working Days	Chapter name and content	Activity/Projects	Periodic Test Portion	Integrated syllabus
April	17	History: Chapter 1. The French Revolution • 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? • What is Democracy? • Features of Democracy • Why Democracy? • Broader meaning of Democracy Economics: Chapter 1. The Story of Village Palampur (To be assessed as the part of Periodic Assessment only)	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. Graph 1.1 Several Farming Techniques		Integrated with Geography and Literature. Integrated with Geography. Integrated with Geography.
May	07	History: Chapter 2. Socialism in Europe and the Russian Revolution • The Age of Social Change • The Russian Revolution • The February Revolution In Petrograd	Lenin and Stalin: Their Lives and Times		Integrated with Geography and Literature.
June	12	History: Chapter 2. Socialism in Europe and the Russian Revolution (Contd..) • What Changed After October? • The Global Influence of the Russian Revolution and the USSR.	Map work	PT-1 (17/6/25) History: Chapter 1. The French Revolution Civics: Chapter 1. What is Democracy & Why Democracy?	

July	24	Civics: Chapter 2. Constitutional Design. - Democratic Constitution In South Africa - Why Do We Need A Constitution? - Making Of The Indian Constitution - Guiding Values Of The Indian Constitution Economics: Chapter 2. People as Resource - Overview - Economic Activities by Men and Women - Quality of Population - Unemployment	Paste the pictures of members of Drafting Committee. Graph 2.1 Prepare a chart showing classification of various activities into the three sectors.		Integrated with Art. Integrated with Geography.
August	21	Civics: Chapter 3. Electoral Politics - Why Elections? - What Is Our System of Elections? - What Makes Elections In India Democratic? Economics: Chapter 3. Poverty As a Challenge - Introduction - Poverty as seen by social scientists - Poverty Line - Poverty Estimates - Vulnerable Groups (upto Story of Shivaraman)	List of Indian constituencies Graph 3.1	PT-2 (04/08/2025) History: Chapter 2. Socialism in Europe and the Russian Revolution Economics: Chapter 1. The Story of Village Palampur (Up to Factors of Production)	Integrated with History and Geography. Integrated with Geography and Literature.
September	07	Revision for Half-Yearly Examination Discussion of Question Papers			
October	13	History: Chapter 3 .Nazism and the Rise of Hitler - Birth of the Weimar Republic - Hitler's Rise to Power - The Nazi Worldview - Youth in Nazi Germany - Ordinary People and the Crimes Against Humanity Economics: Chapter 3. Poverty As a Challenge (Contd.) - Inter-State Disparities - Global Poverty Scenario - Causes of Poverty - Anti-Poverty Measures - The Challenges Ahead	Map work Biography of Hitler and his accomplishments. Role of government and their plans for reduction of poverty.		Integrated with Political Science. Integrated with Geography .
November	17	Civics: Chapter 4. Working of Institution - How Is Major Policy Decision Taken? - Parliament	List of nominated members of the Rajya Sabha.	PT-3(4/11/25) History: Chapter- 3 .Nazism and the Rise	Integrated with History & Geography

		- Political Executive - The Judiciary History: Chapter 4. Forest Society and Colonialism Interdisciplinary project as part of multiple Assessments (Internally assessed for 5 marks)	Show various causes of deforestation in form of collage. Map work	of Hitler (whole chapter) PT-4 (17/11/25) Economics: Chapter 3. Poverty As a Challenge *Inter-State Disparities *Global Poverty Scenario *Causes of Poverty *Anti-Poverty Measures *The Challenges Ahead Civics: Chapter-4. Working of Institution (Upto Parliament)	Integrated with Geography and Art.
December	19	Civics: Chapter 5. Democratic Rights - Life Without Rights - Rights In A Democracy - Rights In The Constitution - Expanding Scope of Rights Economics: Chapter 4. Food Security In India - 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	Flowchart on fundamental rights and duties. Different schemes launched by the government of India to provide food security to the poor. Graph: 4.1	PT-5 (22/12/25) Civics: Chapter 5. Democratic Rights	Integrated with Geography and Art. Integrated with History and political science.
January	14	Economics: Chapter 4. Food Security In India (Contd.) - Current Status of Public Distribution System - Role of Cooperatives in food security History: Chapter-5. Pastoralists in the Modern world (To be assessed as part of Periodic Assessment only)	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	05	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

CH-3 Nazism and the Rise of Hitler: Outline Political Map of World Locate/label/identify

Major countries of Second World War

Axis: Powers – Germany, Italy, Japan

Allied Powers – UK, France, Former USSR, USA



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	07	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		PREPARE A PROJECT ON- “Comparative study on Telangana And Jharkhand of sports and culture”
JUNE	12	LESSON-2. PHYSICAL FEATURES OF INDIA	The Himalayan Mountains, The Northern Plains.		
PT – 1 (17.06.25)	Portion	LESSON-2. PHYSICAL FEATURES OF INDIA	The Peninsular Plateau, The Indian Desert, The Coastal Plains, The Island.	Lesson-2.Map Skill.	
		CH – 1. India – Size and Location CH – 2. Physical Features Of India	(Northern Mountains And Northern Plains)		
JULY	24	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 PT – 2 (04.08.25)	Portion	LESSON-3. DRAINAGE	The Peninsular Rivers, Lakes, Role of rivers in the economy, River Pollution.	Lesson-3. Map Skill.	
		LESSON-4. CLIMATE CH – 2. Physical Features of India.	Weather & Climate, Climatic Controls, Factors Affecting India's Climate And associates. CH – 3. Drainage. CH – 3. Upto The Himalayan Rivers.		
SEPTEMBER	07	REVISION & HALF YEARLY EXAMINATION			
OCTOBER PT – 3	13 Portion	LESSON-4.CLIMATE CH – 3. Drainage. CH – 4. Climate.	The Seasons- Seasons of India. CH – 4. Upto Climatic Controls.	Graphical study of temperature & rainfall.	

(13.10.25)					
NOVEMBER PT – 4 (17.11.25)	17 <u>Portion</u>	LESSON-4.CLIMATE. CH – 4 Climate.	Distribution of Rainfall.	Lesson-4. Map Skill.	
DECEMBER PT – 5 (22.12.25)	19 <u>Portion</u>	LESSON-5.NATURAL VEGETATION & WILDLIFE CH – 5. Natural Vegetation And Wildlife. CH – 6. Population	Introduction- Natural Vegetation, Flora & Fauna, Relief, Climate, Ecosystem, Types of vegetation. Wildlife – Total population of wildlife, types and their habitats, importance, causes.	Collect any five (5) medicinal plants leaf & write their medicinal properties/values.	
JANUARY	14	LESSON – 6. Population	Size and distribution and population growth and population density , process of population growth.	Lesson-5.Map Skill.	
FEBRUARY	05	Revision for Annual Examination			





CLASS: IX

SUBJECT: ARTIFICIAL INTELLIGENCE
MONTH WISE SYLLABUS BREAK-UP

PRESCRIBED BOOK – NCERT

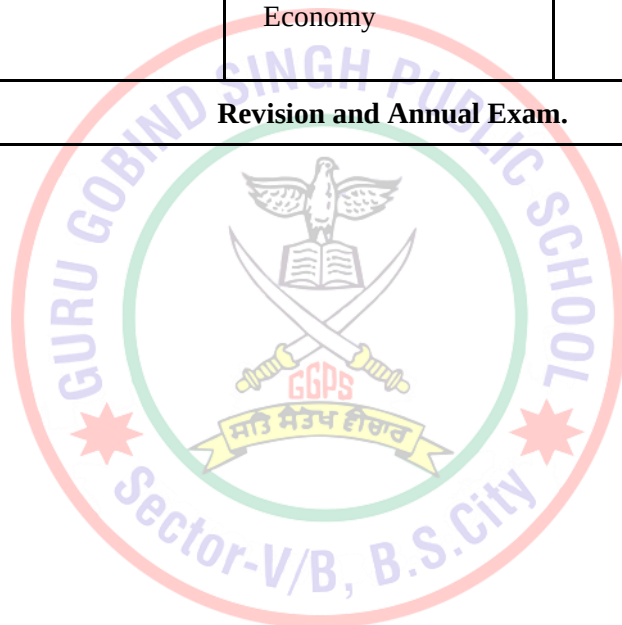
SESSION: 2025 - 26

Month's Name	No. of working days	Unit No./ Title	Content/Topic	Activity/Practical	Periodic Test Portion
April	17	PART A: Unit1 Communication Skills-I	• Methods of communication. • Meaning of communication - Importance of communication skills • Cycle • Soft Skills • Perspectives in Communication. • Factors affecting perspectives in Communication. • Basic Writing skills • Basic Speaking Skills	LAB ACTIVITY: Creating Spreadsheet	
May	07	PART B: Unit 1: AI Reflection, Project Cycle and Ethics	• To identify and appreciate Artificial Intelligence and describe its applications in daily life. • To recognize, engage and relate with the three realms of AI: Computer Vision, Data Statistics and Natural Language Processing.	Recommended Activity: The AI Game • Learners to participate in three games based on different AI domains. – Game 1: Rock, Paper and Scissors (based on data)	
June	12	Unit 1: AI Reflection, Project Cycle and Ethics	• Identify the AI Project Cycle framework. • Learn problem scoping and ways to set goals for an AI project. • Identify stakeholders involved in the problem scoped. • Brainstorm on the ethical issues involved around the problem selected • Data Visualisation • Understand modelling (Rule- based & Learning-based)		PT1: *Communication Skills-I * Unit 1: AI Reflection, Project Cycle and Ethics (Introduction to AI, ANI, AGI, ASI, Applications, Advantage & Disadvantage of AI only)

July	24	PART B: Unit 1: AI Reflection, Project Cycle and Ethics PART A Unit 2: Self-Management Skills – I	• To understand and reflect on the ethical issues around AI. • To let the students analyse the advantages and disadvantages of Artificial Intelligence. *Meaning of self-management. *Positive results of self-management. *Self-management skills. * Factors that help in building self-confidence Self-confidence building tips, SWOT	Lab Activity: Balloon Debate • Students divide in teams of 3 and 2 teams are given same theme. One team goes in affirmation to AI for their section while the other one goes against it. • They have to come up with their points as to why AI is beneficial/harmful for the society.	
August	21	PART B: Unit 2: Data Literacy • Basics of data literacy • Sub Unit: Acquiring Data, Processing, and Interpreting Data • Project Interactive Data Dashboard & Presentation	• Define data literacy and recognize its importance Understand how data literacy enables informed decision- making and critical thinking • Apply the Data Literacy Process Framework to analyze and interpret data effectively • Differentiate between Data Privacy and Security • Identify potential risks associated with data breaches and unauthorized access. • Learn measures to protect data privacy and enhance data security	Recommended Activities: • Trend analysis • Visualize and Interpret Data	PT2: Unit 1: AI Reflection, Project Cycle and Ethics (From AI Project Cycle to End of the chapter) Unit 2: Self-Management Skills – I
September	07	Revision & Half Yearly Examination			
October	13	PART B Unit-5: Introduction to Python	• Introduction to Python • Data types & Variables • Input/Output functions • Simple Programs • Control Statements (if if-else, elif) • Looping-while, for	Lab Activity: *Introduction to PYTHON Language. *PYTHON BASICS	
November	17	PART B Unit-5: Introduction to Python	• Nesting of loops- while for • List & Tuples and its functions	Lab Activity: *INBUILT FUNCTION PRINT () *COMMENTS,	PT3: Unit 2: Data Literacy

		PART B Unit – 3: Math for AI (Statistics & Probability) • Sub Unit: Statistics • Probability	- Analyzing the data in the form of numbers/images and find the relation/pattern between the them. Use of Math in AI. - Number Patterns Picture Analogy - Understand the concept of Statistics in real life. - Application in various real life scenarios - Understand the concept of Probability in real life and explore various types of events - Application in various real-life scenarios	MULTI-LINE COMMENTS Lab Activity: *VARIABLES AND RULES FOR NAMING VARIABLES IN PYTHON *DATA TYPES *ARITHMETIC OPERATORS	
December	19	PART A Unit 4: Entrepreneurial Skills – I PART B Unit – 4: Introduction to Generative AI	- Types of businesses – service, manufacturing, hybrid. Types of businesses found in our community business activities around us. Meaning of Entrepreneurship Development Generative AI & classify different kinds. - how Generative AI works and recognize how it learns. - Applying Generative AI tools to create content. - Understanding the ethical considerations of using Generative AI.	Lab Activity: *STATEMENTS AND EXPRESSIONS* INBUILT FUNCTION INPUT () *MORE ON PRINT () Recommended Activity: ● Activity: Guess the Real Image vs. the AI-generated image	
January	14	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 - Operating Systems (OS) & its types. - Introduction to Internet. Applications	Lab Activity: *Understanding Parts of CPU *Creating Database	PT4: Unit – 4: Introduction to Generative AI Unit 5: Introduction to python

		PART A Unit 5: Green Skills – I	of Internet Working of E-mail, Social Media. • DBMS, ACID properties, ER Model, SQL, PL/SQL • 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		
February	5	Revision and Annual Exam.			



SUBJECT:- GAME
SYLLABUS SESSION 2025-2026
STD. –IX

Month's Name	No. of working days	Event./ Topic
April	17	Basketball- Fundamental skills * Basic stance * Passing * Dribbling * Shooting
May	07	Kho kho - Fundamental skills * Chasing skills * Defensive skills * Pole drive skills
June	12	Volley ball - Fundamental skills * Serving * Passing * Setting or boosting * Drive and rolling
July	24	Kabaddi - Fundamental skills *Touching and defensive skills * Dodging * Raid * Holding the breath * Catching
August	21	Judo - Fundamental skills * Throwing techniques * Grappling techniques * Grip techniques * Striking techniques
September	07	Chess - Fundamental skills * Tactics * Calculation * Visualization * Strategy * Opening
October	13	Handball - Fundamental skills * Holding the ball * Dribbling the ball * Catching the ball * Throwing the ball * Passing the ball * Shooting the ball
November	17	Badminton-Fundamental skills * Proper grip * Strong footwork * Serves * Clears, lifts , net shots
December	19	Cricket - Fundamental skills * Bating * Bowling * Strokes * Catching * Fielding * Wicket keep
January	14	Athletic - Fundamental skills *Running (100m,200m,400m,800m * Jumping (high jump, long jump) * Throwing (shot put, Discuss)
February	05	Football- Fundamental skills * Passing * Kicking * Dribbling * Shooting